



## Russell Poldrack

Albert Ray Lang Professor of Psychology

 Curriculum Vitae available Online

### Bio

---

#### BIO

I grew up in a small town in Texas and attended Baylor University. After completing my PhD in experimental psychology at the University of Illinois in Urbana-Champaign, I spent four years as a postdoc at Stanford. I have held faculty positions at Massachusetts General Hospital/Harvard Medical School, UCLA, and the University of Texas. I joined the Stanford faculty in 2014.

#### ACADEMIC APPOINTMENTS

- Professor, Psychology
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Wu Tsai Neurosciences Institute

#### ADMINISTRATIVE APPOINTMENTS

- Associate Director, Stanford Data Science, (2020- present)
- Director, SDS Center for Open and Reproducible Science, (2020- present)

#### HONORS AND AWARDS

- Open Science Award, Organization for Human Brain Mapping (2022)
- Fellow, Organization for Human Brain Mapping (2021)
- Elected member, Society of Experimental Psychologists (2018)
- Fellow, Psychonomics Society (2017)
- Fellow, Association for Psychological Science (2009)
- Distinguished Scientific Award for Early Career Contributions to Psychology, American Psychological Association (2005)
- Wiley Young Investigator Award, Organization for Human Brain Mapping (2005)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- External Advisory Board member, Adolescent Brain Cognitive Development (ABCD) Study (2017 - 2022)
- Board of Scientific Counselors Member, National Institute of Mental Health (2022 - present)
- Education Chair, Organization for Human Brain Mapping (2017 - 2018)
- Chair, External Advisory Board, Human Connectome Project (2011 - 2015)
- Chair, Organization for Human Brain Mapping (2009 - 2010)

## PROGRAM AFFILIATIONS

- Symbolic Systems Program

## LINKS

- Poldracklab web site: <https://poldracklab.stanford.edu>
- OpenNeuro: <https://openneuro.org>
- NeuroSynth: <http://neurosynth.org>
- NeuroVault: <http://neurovault.org>
- The Cognitive Atlas: <http://www.cognitiveatlas.org>
- MyConnectome: <http://myconnectome.org>
- Wikipedia: [https://en.wikipedia.org/wiki/Russell\\_Poldrack](https://en.wikipedia.org/wiki/Russell_Poldrack)

## Research & Scholarship

---

### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our lab uses the tools of cognitive neuroscience to understand how decision making, executive control, and learning and memory are implemented in the human brain. We also develop neuroinformatics tools and resources to help researchers make better sense of data.

### CLINICAL TRIALS

- Applying Novel Technologies and Methods to Inform the Ontology of Self-Regulation: Binge Eating and Smoking, Not Recruiting
- Applying Novel Technologies and Methods to Self-Regulation: Behavior Change Tools for Smoking and Binge Eating, Not Recruiting

## Teaching

---

### COURSES

#### 2022-23

- Cognitive Neuroscience: PSYCH 202 (Spr)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Psychology of the Climate Crisis: PSYCH 278 (Spr)

#### 2021-22

- Cognitive Neuroscience: PSYCH 202 (Aut)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)

#### 2020-21

- Advanced Statistical Modeling: PSYCH 253 (Spr)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Judgment and Decision-Making: PSYCH 154 (Spr)
- Neurosciences Cognitive Core: NEPR 207 (Spr)

#### 2019-20

- Advanced Statistical Modeling: PSYCH 253 (Spr)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Neurosciences Cognitive Core: NEPR 207 (Spr)

## STANFORD ADVISEES

### Doctoral Dissertation Reader (AC)

Marc Harrison, Jinxiao Zhang

### Postdoctoral Faculty Sponsor

Michael Demidenko, Elizabeth DuPre, Martin Noergaard, Armin Thomas

### Doctoral Dissertation Advisor (AC)

Rastko Ciric, Grace Huckins, Christopher Minasi, Jon Walters

### Postdoctoral Research Mentor

Anita Jwa, Martin Noergaard

## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Informatics (Phd Program)
- Neurosciences (Phd Program)

## Publications

---

### PUBLICATIONS

- **The OpenNeuro resource for sharing of neuroscience data.** *eLife*  
Markiewicz, C. J., Gorgolewski, K. J., Feingold, F., Blair, R., Halchenko, Y. O., Miller, E., Hardcastle, N., Wexler, J., Esteban, O., Goncalves, M., Jwa, A., Poldrack, R.  
2021; 10
- **Severe violations of independence in response inhibition tasks.** *Science advances*  
Bissett, P. G., Jones, H. M., Poldrack, R. A., Logan, G. D.  
2021; 7 (12)
- **The physics of representation** *SYNTHESE*  
Poldrack, R. A.  
2020
- **Variability in the analysis of a single neuroimaging dataset by many teams.** *Nature*  
Botvinik-Nezer, R., Holzmeister, F., Camerer, C. F., Dreber, A., Huber, J., Johannesson, M., Kirchler, M., Iwanir, R., Mumford, J. A., Adcock, R. A., Avesani, P., Baczkowski, B. M., Bajracharya, et al  
2020; 582 (7810): 84-88
- **Establishment of Best Practices for Evidence for Prediction: A Review.** *JAMA psychiatry*  
Poldrack, R. A., Huckins, G., Varoquaux, G.  
2019
- **Human cognition involves the dynamic integration of neural activity and neuromodulatory systems (vol 22, pg 289, 2019)** *NATURE NEUROSCIENCE*  
Shine, J. M., Breakspear, M., Bell, P. T., Martens, K., Shine, R., Koyejo, O., Sporns, O., Poldrack, R. A.  
2019; 22 (6): 1036
- **Uncovering the structure of self-regulation through data-driven ontology discovery.** *Nature communications*  
Eisenberg, I. W., Bissett, P. G., Zeynep Enkavi, A., Li, J., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2019; 10 (1): 2319
- **fMRIPrep: a robust preprocessing pipeline for functional MRI.** *Nature methods*  
Esteban, O., Markiewicz, C. J., Blair, R. W., Moodie, C. A., Isik, A. I., Erramuzpe, A., Kent, J. D., Goncalves, M., DuPre, E., Snyder, M., Oya, H., Ghosh, S. S., Wright, et al  
2018

- **The New Mind Readers What Neuroimaging Can and Cannot Reveal about Our Thoughts**  
Poldrack, R. A.  
Princeton University Press.2018
- **Inferring Mental States from Neuroimaging Data: From Reverse Inference to Large-Scale Decoding** *NEURON*  
Poldrack, R. A.  
2011; 72 (5): 692-697
- **Reward learning and working memory: Effects of massed versus spaced training and post-learning delay period.** *Memory & cognition*  
Wimmer, G. E., Poldrack, R. A.  
2021
- **Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*  
Lam, M., Chen, C., Ge, T., Xia, Y., Hill, D. W., Trampush, J. W., Yu, J., Knowles, E., Davies, G., Stahl, E. A., Huckins, L., Liewald, D. C., Djurovic, et al  
2021
- **Measurement in Intensive Longitudinal Data** *STRUCTURAL EQUATION MODELING-A MULTIDISCIPLINARY JOURNAL*  
McNeish, D., Mackinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2021
- **Measurement in Intensive Longitudinal Data.** *Structural equation modeling : a multidisciplinary journal*  
McNeish, D., Mackinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2021; 28 (5): 807-822
- **The cognitive and perceptual correlates of ideological attitudes: a data-driven approach.** *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*  
Zmigrod, L., Eisenberg, I. W., Bissett, P. G., Robbins, T. W., Poldrack, R. A.  
2021; 376 (1822): 20200424
- **Design issues and solutions for stop-signal data from the Adolescent Brain Cognitive Development [ABCD] study.** *eLife*  
Bissett, P. G., Hagen, M. P., Jones, H. M., Poldrack, R. A.  
2021; 10
- **A data-driven framework for mapping domains of human neurobiology** *Nature Neuroscience*  
Beam, E., Potts, C., Poldrack, R. A., Etkin, A.  
2021
- **Centering inclusivity in the design of online conferences-An OHBM-Open Science perspective.** *GigaScience*  
Levitis, E., van Praag, C. D., Gau, R., Heunis, S., DuPre, E., Kiar, G., Bottenhorn, K. L., Glatard, T., Nikolaidis, A., Whitaker, K. J., Mancini, M., Niso, G., Afyouni, et al  
2021; 10 (8)
- **Searching for Imaging Biomarkers of Psychotic Dysconnectivity.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*  
Rodrigue, A. L., Mastrovito, D., Esteban, O., Durnez, J., Koenis, M. M., Janssen, R., Alexander-Bloch, A., Knowles, E. M., Mathias, S. R., Mollon, J., Pearson, G. D., Frangou, S., Blangero, et al  
2020
- **Sharing voxelwise neuroimaging results from rhesus monkeys and other species with Neurovault.** *NeuroImage*  
Fox, A. S., Holley, D., Klink, P. C., Arbuckle, S. A., Barnes, C. A., Diedrichsen, J., Kwok, S. C., Kyle, C., Pruszyński, J. A., Seidlitz, J., Zhou, X., Poldrack, R. A., Gorgolewski, et al  
2020; 225: 117518
- **Reflections on the past two decades of neuroscience.** *Nature reviews. Neuroscience*  
Bassett, D. S., Cullen, K. E., Eickhoff, S. B., Farah, M. J., Goda, Y., Haggard, P., Hu, H., Hurd, Y. L., Josselyn, S. A., Khakh, B. S., Knoblich, J. A., Poirazi, P., Poldrack, et al  
2020
- **Implications of the Lacking Relationship Between Cognitive Task and Self-report Measures for Psychiatry.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*  
Enkavi, A. Z., Poldrack, R. A.

2020

- **Analysis of task-based functional MRI data preprocessed with fMRIPrep.** *Nature protocols*  
Esteban, O., Ciric, R., Finc, K., Blair, R. W., Markiewicz, C. J., Moodie, C. A., Kent, J. D., Goncalves, M., DuPre, E., Gomez, D. E., Ye, Z., Salo, T., Valabregue, et al  
2020
- **Dataset decay and the problem of sequential analyses on open datasets.** *eLife*  
Thompson, W. H., Wright, J., Bissett, P. G., Poldrack, R. A.  
2020; 9
- **Trauma in Affective and Nonaffective Psychosis: Associations and Dissociations With Cognitive Functioning in Childhood and Adulthood**  
Mollon, J., Mathias, S., Knowles, E., Rodrigue, A., Pearlson, G., Barrett, J., Poldrack, R., Blangero, J., Glahn, D.  
ELSEVIER SCIENCE INC.2020: S458
- **Disambiguating the role of blood flow and global signal with partial information decomposition.** *NeuroImage*  
Colenbier, N., Van de Steen, F., Uddin, L. Q., Poldrack, R. A., Calhoun, V. D., Marinazzo, D.  
2020: 116699
- **Correlation Database of 60 Cross-Disciplinary Surveys and Cognitive Tasks Assessing Self-Regulation.** *Journal of personality assessment*  
Mazza, G. L., Smyth, H. L., Bissett, P. G., Canning, J. R., Eisenberg, I. W., Enkavi, A. Z., Gonzalez, O., Kim, S. J., Metcalf, S. A., Muniz, F., Pelham, W. E., Scherer, E. A., Valente, et al  
2020: 1–8
- **The human connectome project for disordered emotional states: Protocol and rationale for a research domain criteria study of brain connectivity in young adult anxiety and depression.** *NeuroImage*  
Tozzi, L., Staveland, B., Holt-Gosselin, B., Chesnut, M., Chang, S. E., Choi, D., Shiner, M. L., Wu, H., Lerma-Usabiaga, G., Sporns, O., Barch, D., Gotlib, I. H., Hastie, et al  
2020: 116715
- **Questions and controversies in the study of time-varying functional connectivity in resting fMRI.** *Network neuroscience (Cambridge, Mass.)*  
Lurie, D. J., Kessler, D., Bassett, D. S., Betzel, R. F., Breakspear, M., Kheilholz, S., Kucyi, A., Liegeois, R., Lindquist, M. A., McIntosh, A. R., Poldrack, R. A., Shine, J. M., Thompson, et al  
2020; 4 (1): 30–69
- **Associations of cannabis use disorder with cognition, brain structure, and brain function in African Americans.** *Human brain mapping*  
Koenis, M. M., Durnez, J. n., Rodrigue, A. L., Mathias, S. R., Alexander-Bloch, A. F., Barrett, J. A., Doucet, G. E., Frangou, S. n., Knowles, E. E., Mollon, J. n., Denbow, D. n., Aberizk, K. n., Zatory, et al  
2020
- **Cognitive impairment from early to middle adulthood in patients with affective and nonaffective psychotic disorders** *PSYCHOLOGICAL MEDICINE*  
Mollon, J., Mathias, S. R., Knowles, E. M., Rodrigue, A., Koenis, M. G., Pearlson, G. D., Reichenberg, A., Barrett, J., Denbow, D., Aberizk, K., Zatory, M., Poldrack, R. A., Blangero, et al  
2020; 50 (1): 48–57
- **Effective Self-Management for Early Career Researchers in the Natural and Life Sciences.** *Neuron*  
Bielczyk, N. Z., Ando, A. n., Badhwar, A. n., Caldinelli, C. n., Gao, M. n., Haugg, A. n., Hernandez, L. M., Ito, K. L., Kessler, D. n., Lurie, D. n., Makary, M. M., Nikolaidis, A. n., Veldsman, et al  
2020; 106 (2): 212–17
- **How Can Neuroscientists Respond to the Climate Emergency?** *Neuron*  
Aron, A. R., Ivry, R. B., Jeffery, K. J., Poldrack, R. A., Schmidt, R. n., Summerfield, C. n., Urai, A. E.  
2020; 106 (1): 17–20
- **NeuroQuery, comprehensive meta-analysis of human brain mapping.** *eLife*  
Dockès, J. n., Poldrack, R. A., Primet, R. n., Gözükan, H. n., Yarkoni, T. n., Suchanek, F. n., Thirion, B. n., Varoquaux, G. n.  
2020; 9
- **Time-varying nodal measures with temporal community structure: A cautionary note to avoid misinterpretation.** *Human brain mapping*  
Thompson, W. H., Kastrati, G. n., Finc, K. n., Wright, J. n., Shine, J. M., Poldrack, R. A.  
2020

- **A Psychometric Analysis of the Brief Self-Control Scale.** *Assessment*  
Manapat, P. D., Edwards, M. C., MacKinnon, D. P., Poldrack, R. A., Marsch, L. A.  
2019: 1073191119890021
- **Reply to Friedman and Banich: Right measures for the research question.** *Proceedings of the National Academy of Sciences of the United States of America*  
Enkavi, A. Z., Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2019
- **Advancing functional connectivity research from association to causation.** *Nature neuroscience*  
Reid, A. T., Headley, D. B., Mill, R. D., Sanchez-Romero, R., Uddin, L. Q., Marinazzo, D., Lurie, D. J., Valdes-Sosa, P. A., Hanson, S. J., Biswal, B. B., Calhoun, V., Poldrack, R. A., Cole, et al  
2019
- **The Low-Dimensional Neural Architecture of Cognitive Complexity Is Related to Activity in Medial Thalamic Nuclei.** *Neuron*  
Shine, J. M., Hearne, L. J., Breakspear, M., Hwang, K., Muller, E. J., Sporns, O., Poldrack, R. A., Mattingley, J. B., Cocchi, L.  
2019
- **Functional boundaries in the human cerebellum revealed by a multi-domain task battery.** *Nature neuroscience*  
King, M., Hernandez-Castillo, C. R., Poldrack, R. A., Ivry, R. B., Diedrichsen, J.  
2019
- **fMRI data of mixed gambles from the Neuroimaging Analysis Replication and Prediction Study.** *Scientific data*  
Botvinik-Nezer, R., Iwanir, R., Holzmeister, F., Huber, J., Johannesson, M., Kirchler, M., Dreber, A., Camerer, C. F., Poldrack, R. A., Schonberg, T.  
2019; 6 (1): 106
- **Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology.** *Biological psychiatry*  
Kebets, V., Holmes, A. J., Orban, C., Tang, S., Li, J., Sun, N., Kong, R., Poldrack, R. A., Yeo, B. T.  
2019
- **The Utility of Connectivity Phenotypes as Successful Biomarkers for Psychosis Diagnoses**  
Rodrigue, A., Mastrovito, D., Durnez, J., Koenis, M., Alexander-Bloch, A., Pearlson, G., Frangou, S., Blangero, J., Poldrack, R., Glahn, D.  
ELSEVIER SCIENCE INC.2019: S198–S199
- **Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function (vol 9, 2098, 2018) NATURE COMMUNICATIONS**  
Davies, G., Lam, M., Harris, S. E., Trampush, J. W., Luciano, M., Hill, W., Hagenaars, S. P., Ritchie, S. J., Marioni, R. E., Fawns-Ritchie, C., Liewald, D. M., Okely, J. A., Ahola-Olli, et al  
2019; 10
- **A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task** *ELIFE*  
Verbruggen, F., Aron, A. R., Band, G. H., Beste, C., Bissett, P. G., Brockett, A. T., Brown, J. W., Chamberlain, S. R., Chambers, C. D., Colonius, H., Colzato, L. S., Corneil, B. D., Coxon, et al  
2019; 8
- **Editorial: Reliability and Reproducibility in Functional Connectomics (vol 13, 117, 2019) FRONTIERS IN NEUROSCIENCE**  
Zuo, X., Biswal, B. B., Poldrack, R. A.  
2019; 13
- **Corrigendum: Editorial: Reliability and Reproducibility in Functional Connectomics.** *Frontiers in neuroscience*  
Zuo, X. N., Biswal, B. B., Poldrack, R. A.  
2019; 13: 374
- **Crowdsourced MRI quality metrics and expert quality annotations for training of humans and machines** *SCIENTIFIC DATA*  
Esteban, O., Blair, R. W., Nielson, D. M., Varada, J. C., Marrett, S., Thomas, A. G., Poldrack, R. A., Gorgolewski, K. J.  
2019; 6: 30
- **Predictive models avoid excessive reductionism in cognitive neuroimaging** *CURRENT OPINION IN NEUROBIOLOGY*  
Varoquaux, G., Poldrack, R. A.  
2019; 55: 1–6

- **Dopamine depletion alters macroscopic network dynamics in Parkinson's disease** *BRAIN*  
Shine, J. M., Bell, P. T., Matar, E., Poldrack, R. A., Lewis, S. G., Halliday, G. M., O'Callaghan, C.  
2019; 142: 1024–34
- **Dopamine depletion alters macroscopic network dynamics in Parkinson's disease.** *Brain : a journal of neurology*  
Shine, J. M., Bell, P. T., Matar, E., Poldrack, R. A., Lewis, S. J., Halliday, G. M., O'Callaghan, C.  
2019
- **Large-scale analysis of test-retest reliabilities of self-regulation measures.** *Proceedings of the National Academy of Sciences of the United States of America*  
Enkavi, A. Z., Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2019
- **Good practice in food-related neuroimaging** *AMERICAN JOURNAL OF CLINICAL NUTRITION*  
Smeets, P. M., Dagher, A., Hare, T. A., Kullmann, S., van der Laan, L. N., Poldrack, R. A., Preissl, H., Small, D., Stice, E., Veldhuizen, M. G.  
2019; 109 (3): 491–503
- **Editorial: Reliability and Reproducibility in Functional Connectomics.** *Frontiers in neuroscience*  
Zuo, X. N., Biswal, B. B., Poldrack, R. A.  
2019; 13: 117
- **Human cognition involves the dynamic integration of neural activity and neuromodulatory systems.** *Nature neuroscience*  
Shine, J. M., Breakspear, M., Bell, P. T., Ehgoetz Martens, K., Shine, R., Koyejo, O., Sporns, O., Poldrack, R. A.  
2019
- **Cognitive impairment from early to middle adulthood in patients with affective and nonaffective psychotic disorders.** *Psychological medicine*  
Mollon, J., Mathias, S. R., Knowles, E. E., Rodrigue, A., Koenis, M. M., Pearlson, G. D., Reichenberg, A., Barrett, J., Denbow, D., Aberizk, K., Zatory, M., Poldrack, R. A., Blangero, et al  
2019: 1–10
- **The Costs of Reproducibility.** *Neuron*  
Poldrack, R. A.  
2019; 101 (1): 11–14
- **A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task.** *eLife*  
Verbruggen, F. n., Aron, A. R., Band, G. P., Beste, C. n., Bissett, P. G., Brockett, A. T., Brown, J. W., Chamberlain, S. R., Chambers, C. D., Colonius, H. n., Colzato, L. S., Corneil, B. D., Coxon, et al  
2019; 8
- **PyBIDS: Python tools for BIDS datasets.** *Journal of open source software*  
Yarkoni, T., Markiewicz, C. J., de la Vega, A., Gorgolewski, K. J., Salo, T., Halchenko, Y. O., McNamara, Q., DeStasio, K., Poline, J., Petrov, D., Hayot-Sasson, V., Nielson, D. M., Carlin, et al  
2019; 4 (40)
- **The importance of standards for sharing of computational models and data.** *Computational brain & behavior*  
Poldrack, R. A., Feingold, F. n., Frank, M. J., Gleeson, P. n., de Hollander, G. n., Huys, Q. J., Love, B. C., Markiewicz, C. J., Moran, R. n., Ritter, P. n., Rogers, T. T., Turner, B. M., Yarkoni, et al  
2019; 2 (3-4): 229–32
- **Introduction to the special issue on Reproducibility in Neuroimaging.** *NeuroImage*  
Poldrack, R. A., Whitaker, K. n., Kennedy, D. n.  
2019: 116357
- **Transitions in information processing dynamics at the whole-brain network level are driven by alterations in neural gain.** *PLoS computational biology*  
Li, M. n., Han, Y. n., Aburn, M. J., Breakspear, M. n., Poldrack, R. A., Shine, J. M., Lizier, J. T.  
2019; 15 (10): e1006957
- **Computational and Informatic Advances for Reproducible Data Analysis in Neuroimaging** *ANNUAL REVIEW OF BIOMEDICAL DATA SCIENCE, VOL 2, 2019*  
Poldrack, R. A., Gorgolewski, K. J., Varoquaux, G., Altman, R. B., Levitt, M.  
2019; 2: 119–38

- **Pleiotropic Meta-Analysis of Cognition, Education, and Schizophrenia Differentiates Roles of Early Neurodevelopmental and Adult Synaptic Pathways.** *American journal of human genetics*  
Lam, M. n., Hill, W. D., Trampush, J. W., Yu, J. n., Knowles, E. n., Davies, G. n., Stahl, E. n., Huckins, L. n., Liewald, D. C., Djurovic, S. n., Melle, I. n., Sundet, K. n., Christoforou, et al  
2019; 105 (2): 334–50
- **fMRIprep: a robust preprocessing pipeline for functional MRI** *NATURE METHODS*  
Esteban, O., Markiewicz, C. J., Blair, R. W., Moodie, C. A., Isik, A., Erramuzpe, A., Kent, J. D., Goncalves, M., DuPre, E., Snyder, M., Oya, H., Ghosh, S. S., Wright, et al  
2019; 16 (1): 111–+
- **Predictive models avoid excessive reductionism in cognitive neuroimaging.** *Current opinion in neurobiology*  
Varoquaux, G., Poldrack, R. A.  
2018; 55: 1–6
- **Atlases of cognition with large-scale human brain mapping.** *PLoS computational biology*  
Varoquaux, G., Schwartz, Y., Poldrack, R. A., Gauthier, B., Bzdok, D., Poline, J., Thirion, B.  
2018; 14 (11): e1006565
- **Atlases of cognition with large-scale human brain mapping** *PLOS COMPUTATIONAL BIOLOGY*  
Varoquaux, G., Schwartz, Y., Poldrack, R. A., Gauthier, B., Bzdok, D., Poline, J., Thirion, B.  
2018; 14 (11)
- **Neural correlates of effort-based valuation with prospective choices.** *NeuroImage*  
Aridan, N., Malecek, N. J., Poldrack, R. A., Schonberg, T.  
2018
- **Principles of dynamic network reconfiguration across diverse brain states.** *NeuroImage*  
Shine, J. M., Poldrack, R. A.  
2018; 180 (Pt B): 396–405
- **Multi-Trait Analysis of GWAS and Biological Insights Into Cognition: A Response to Hill (2018)** *TWIN RESEARCH AND HUMAN GENETICS*  
Lam, M., Trampush, J. W., Yu, J., Knowles, E., Djurovic, S., Melle, I., Sundet, K., Christoforou, A., Reinvang, I., DeRosse, P., Lundervold, A. J., Steen, V. M., Espeseth, et al  
2018; 21 (5): 394–97
- **Reward Learning over Weeks Versus Minutes Increases the Neural Representation of Value in the Human Brain** *JOURNAL OF NEUROSCIENCE*  
Wimmer, G., Li, J. K., Gorgolewski, K. J., Poldrack, R. A.  
2018; 38 (35): 7649–66
- **Spacing of cue-approach training leads to better maintenance of behavioral change** *PLOS ONE*  
Bakkour, A., Botvinik-Nezer, R., Cohen, N., Hover, A. M., Poldrack, R. A., Schonberg, T.  
2018; 13 (7): e0201580
- **Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence** *NATURE GENETICS*  
Savage, J. E., Jansen, P. R., Stringer, S., Watanabe, K., Bryois, J., de Leeuw, C. A., Nagel, M., Awasthi, S., Barr, P. B., Coleman, J. I., Grasby, K. L., Hammerschlag, A. R., Kaminski, et al  
2018; 50 (7): 912–+
- **Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function** *NATURE COMMUNICATIONS*  
Davies, G., Lam, M., Harris, S. E., Trampush, J. W., Luciano, M., Hill, W., Hagenaars, S. P., Ritchie, S. J., Marioni, R. E., Fawns-Ritchie, C., Liewald, D. M., Okely, J. A., Ahola-Olli, et al  
2018; 9: 2098
- **Cognitive Computational Neuroscience: A New Conference for an Emerging Discipline** *TRENDS IN COGNITIVE SCIENCES*  
Naselaris, T., Bassett, D. S., Fletcher, A. K., Kording, K., Kriegeskorte, N., Nienborg, H., Poldrack, R. A., Shohamy, D., Kay, K.  
2018; 22 (5): 365–67
- **GWAS meta-analysis (N=279,930) identifies new genes and functional links to general cognitive ability**  
Savage, J. E., Jansen, P. R., Stringer, S., Watanabe, K., Bryois, J., de Leeuw, C. A., Nagel, M., Awasthi, S., Barr, P. B., Coleman, J. I., Grasby, K. L., Hammerschlag, A. R., Kaminski, et al



BIOMED CENTRAL LTD.2018

- **Deficits in visual working-memory capacity and general cognition in African Americans with psychosis** *SCHIZOPHRENIA RESEARCH*  
Mathias, S. R., Knowles, E. M., Barrett, J., Beetham, T., Leach, O., Buccheri, S., Aberizk, K., Blangero, J., Poldrack, R. A., Glahn, D. C.  
2018; 193: 100–106
- **Predicting Violent Behavior: What Can Neuroscience Add?** *TRENDS IN COGNITIVE SCIENCES*  
Poldrack, R. A., Monahan, J., Imrey, P. B., Reyna, V., Raichle, M. E., Faigman, D., Buckholtz, J. W.  
2018; 22 (2): 111–23
- **Applying novel technologies and methods to inform the ontology of self-regulation.** *Behaviour research and therapy*  
Eisenberg, I. W., Bissett, P. G., Canning, J. R., Dallery, J., Enkavi, A. Z., Whitfield-Gabrieli, S., Gonzalez, O., Green, A. I., Greene, M. A., Kiernan, M., Kim, S. J., Li, J., Lowe, et al  
2018; 101: 46-57
- **The modulation of neural gain facilitates a transition between functional segregation and integration in the brain.** *eLife*  
Shine, J. M., Aburn, M. J., Breakspear, M., Poldrack, R. A.  
2018; 7
- **False Discovery Rate Smoothing** *JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION*  
Tansey, W., Koyejo, O., Poldrack, R. A., Scott, J. G.  
2018; 113 (523): 1156–71
- **Text to Brain: Predicting the Spatial Distribution of Neuroimaging Observations from Text Reports**  
Dockes, J., Wassermann, D., Poldrack, R., Suchanek, F., Thirion, B., Varoquaux, G., Frangi, A. F., Schnabel, J. A., Davatzikos, C., AlberolaLopez, C., Fichtinger, G.  
SPRINGER INTERNATIONAL PUBLISHING AG.2018: 584–92
- **Catecholaminergic manipulation alters dynamic network topology across cognitive states.** *Network neuroscience (Cambridge, Mass.)*  
Shine, J. M., van den Brink, R. L., Hernaus, D., Nieuwenhuis, S., Poldrack, R. A.  
2018; 2 (3): 381–96
- **Making replication prestigious.** *The Behavioral and brain sciences*  
Gorgolewski, K. J., Nichols, T., Kennedy, D. N., Poline, J. B., Poldrack, R. A.  
2018; 41: e131
- **Making replication prestigious** *BEHAVIORAL AND BRAIN SCIENCES*  
Gorgolewski, K. J., Nichols, T., Kennedy, D. N., Poline, J., Poldrack, R. A.  
2018; 41
- **Large-Scale Cognitive GWAS Meta-Analysis Reveals Tissue-Specific Neural Expression and Potential Nootropic Drug Targets** *CELL REPORTS*  
Lam, M., Trampush, J. W., Yu, J., Knowles, E., Davies, G., Liewald, D. C., Starr, J. M., Djurovic, S., Melle, I., Sundet, K., Christoforou, A., Reinvang, I., DeRosse, et al  
2017; 21 (9): 2597–2613
- **Distinct Patterns of Temporal and Directional Connectivity among Intrinsic Networks in the Human Brain** *JOURNAL OF NEUROSCIENCE*  
Shine, J. M., Kucyi, A., Foster, B. L., Bickel, S., Wang, D., Liu, H., Poldrack, R. A., Hsieh, L., Hsiang, J., Parvizi, J.  
2017; 37 (40): 9667–74
- **Decoding brain activity using a large-scale probabilistic functional-anatomical atlas of human cognition** *PLOS COMPUTATIONAL BIOLOGY*  
Rubin, T. N., Koyejo, O., Gorgolewski, K. J., Jones, M. N., Poldrack, R. A., Yarkoni, T.  
2017; 13 (10): e1005649
- **MRIQC: Advancing the automatic prediction of image quality in MRI from unseen sites** *PLOS ONE*  
Esteban, O., Birman, D., Schaer, M., Koyejo, O. O., Poldrack, R. A., Gorgolewski, K. J.  
2017; 12 (9): e0184661
- **Precision Neuroscience: Dense Sampling of Individual Brains.** *Neuron*  
Poldrack, R. A.  
2017; 95 (4): 727-729

- **Neural mechanisms of cue-approach training** *NEUROIMAGE*  
Bakkour, A., Lewis-Peacock, J. A., Poldrack, R. A., Schonberg, T.  
2017; 151: 92-104
- **Transformed Neural Pattern Reinstatement during Episodic Memory Retrieval** *JOURNAL OF NEUROSCIENCE*  
Xiao, X., Dong, Q., Gao, J., Men, W., Poldrack, R. A., Xue, G.  
2017; 37 (11): 2986-2998
- **BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods** *PLOS COMPUTATIONAL BIOLOGY*  
Gorgolewski, K. J., Alfaro-Almagro, F., Auer, T., Bellec, P., Capota, M., Chakravarty, M. M., Churchill, N. W., Cohen, A. L., Craddock, R. C., Devenyi, G. A., Eklund, A., Esteban, O., Flandin, et al  
2017; 13 (3)
- **GWAS meta-analysis reveals novel loci and genetic correlates for general cognitive function: a report from the COGENT consortium** *MOLECULAR PSYCHIATRY*  
Trampush, J. W., Yang, M. L., Yu, J., Knowles, E., Davies, G., Liewald, D. C., Starr, J. M., Djurovic, S., Melle, I., Sundet, K., Christoforou, A., Reinvang, I., DeRosse, et al  
2017; 22 (3): 336-345
- **Best practices in data analysis and sharing in neuroimaging using MRI.** *Nature neuroscience*  
Nichols, T. E., Das, S., Eickhoff, S. B., Evans, A. C., Glatard, T., Hanke, M., Kriegeskorte, N., Milham, M. P., Poldrack, R. A., Poline, J., Proal, E., Thirion, B., Van Essen, et al  
2017; 20 (3): 299-303
- **What's in a pattern? Examining the type of signal multivariate analysis uncovers at the group level.** *NeuroImage*  
Gilron, R., Rosenblatt, J., Koyejo, O., Poldrack, R. A., Mukamel, R.  
2017; 146: 113-120
- **A Coordinate-Based Meta-Analysis of Overlaps in Regional Specialization and Functional Connectivity across Subjective Value and Default Mode Networks** *FRONTIERS IN NEUROSCIENCE*  
Acikalin, M. Y., Gorgolewski, K. J., Poldrack, R. A.  
2017; 11
- **The Processing-Speed Impairment in Psychosis Is More Than Just Accelerated Aging.** *Schizophrenia bulletin*  
Mathias, S. R., Knowles, E. E., Barrett, J., Leach, O., Buccheri, S., Beetham, T., Blangero, J., Poldrack, R. A., Glahn, D. C.  
2017
- **OpenfMRI: Open sharing of task fMRI data** *NEUROIMAGE*  
Poldrack, R. A., Gorgolewski, K. J.  
2017; 144: 259-261
- **Preprocessed Consortium for Neuropsychiatric Phenomics dataset.** *F1000Research*  
Gorgolewski, K. J., Durnez, J., Poldrack, R. A.  
2017; 6: 1262
- **Applying novel technologies and methods to inform the ontology of self-regulation** *Behaviour Research and Therapy*  
Eisenberg, I. W., Bissett, P. G., Enkavi, A. Z., Poldrack, R. A.  
2017: 46-57
- **Scanning the horizon: towards transparent and reproducible neuroimaging research.** *Nature reviews. Neuroscience*  
Poldrack, R. A., Baker, C. I., Durnez, J., Gorgolewski, K. J., Matthews, P. M., Munafò, M. R., Nichols, T. E., Poline, J., Vul, E., Yarkoni, T.  
2017; 18 (2): 115-126
- **Enabling an Open Data Ecosystem for the Neurosciences.** *Neuron*  
Wiener, M., Sommer, F. T., Ives, Z. G., Poldrack, R. A., Litt, B.  
2016; 92 (3): 617-621
- **Putting the brakes on the brakes: negative emotion disrupts cognitive control network functioning and alters subsequent stopping ability.** *Experimental brain research*  
Patterson, T. K., Lenartowicz, A., Berkman, E. T., Ji, D., Poldrack, R. A., Knowlton, B. J.

2016; 234 (11): 3107-3118

- **The Dynamics of Functional Brain Networks: Integrated Network States during Cognitive Task Performance.** *Neuron*  
Shine, J. M., Bissett, P. G., Bell, P. T., Koyejo, O., Balsters, J. H., Gorgolewski, K. J., Moodie, C. A., Poldrack, R. A.  
2016; 92 (2): 544-554
- **Shared Genetic Factors Influence Head Motion During MRI and Body Mass Index.** *Cerebral cortex*  
Hodgson, K., Poldrack, R. A., Curran, J. E., Knowles, E. E., Mathias, S., Göring, H. H., Yao, N., Olvera, R. L., Fox, P. T., Almasy, L., Duggirala, R., Barch, D. M., Blangero, et al  
2016: -?
- **Neural mechanisms of cue-approach training.** *NeuroImage*  
Bakkour, A., Lewis-Peacock, J. A., Poldrack, R. A., Schonberg, T.  
2016
- **From Brain Maps to Cognitive Ontologies: Informatics and the Search for Mental Structure.** *Annual review of psychology*  
Poldrack, R. A., Yarkoni, T.  
2016; 67: 587-612
- **Temporal metastates are associated with differential patterns of time-resolved connectivity, network topology, and attention** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Shine, J. M., Koyejo, O., Poldrack, R. A.  
2016; 113 (35): 9888-9891
- **A Practical Guide for Improving Transparency and Reproducibility in Neuroimaging Research.** *PLoS biology*  
Gorgolewski, K. J., Poldrack, R. A.  
2016; 14 (7)
- **Pain in the ACC?** *Proceedings of the National Academy of Sciences of the United States of America*  
Wager, T. D., Atlas, L. Y., Botvinick, M. M., Chang, L. J., Coghill, R. C., Davis, K. D., Iannetti, G. D., Poldrack, R. A., Shackman, A. J., Yarkoni, T.  
2016; 113 (18): E2474-5
- **The Experiment Factory: Standardizing Behavioral Experiments** *FRONTIERS IN PSYCHOLOGY*  
Sochat, V. V., Eisenberg, I. W., Enkavi, A. Z., Li, J., Bissett, P. G., Poldrack, R. A.  
2016; 7
- **Neural correlates of state-based decision-making in younger and older adults** *NEUROIMAGE*  
Worthy, D. A., Davis, T., Gorlick, M. A., Cooper, J. A., Bakkour, A., Mumford, J. A., Poldrack, R. A., Maddox, W. T.  
2016; 130: 13-23
- **Neural correlates of state-based decision-making in younger and older adults.** *NeuroImage*  
Worthy, D. A., Davis, T., Gorlick, M. A., Cooper, J. A., Bakkour, A., Mumford, J. A., Poldrack, R. A., Todd Maddox, W.  
2016; 130: 13-23
- **Mechanisms of Choice Behavior Shift Using Cue-approach Training** *FRONTIERS IN PSYCHOLOGY*  
Bakkour, A., Leuker, C., Hover, A. M., Giles, N., Poldrack, R. A., Schonberg, T.  
2016; 7
- **NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain.** *NeuroImage*  
Gorgolewski, K. J., Varoquaux, G., Rivera, G., Schwartz, Y., Sochat, V. V., Ghosh, S. S., Maumet, C., Nichols, T. E., Poline, J., Yarkoni, T., Margulies, D. S., Poldrack, R. A.  
2016; 124: 1242-1244
- **From Brain Maps to Cognitive Ontologies: Informatics and the Search for Mental Structure** *ANNUAL REVIEW OF PSYCHOLOGY, VOL 67*  
Poldrack, R. A., Yarkoni, T.  
2016; 67: 587-612
- **Computational specificity in the human brain.** *Behavioral and brain sciences*  
Shine, J. M., Eisenberg, I., Poldrack, R. A.  
2016; 39

- **The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments.** *Scientific data*  
Gorgolewski, K. J., Auer, T., Calhoun, V. D., Craddock, R. C., Das, S., Duff, E. P., Flandin, G., Ghosh, S. S., Glatard, T., Halchenko, Y. O., Handwerker, D. A., Hanke, M., Keator, et al  
2016; 3: 160044-?
- **Mechanisms of Choice Behavior Shift Using Cue-approach Training.** *Frontiers in psychology*  
Bakkour, A., Leuker, C., Hover, A. M., Giles, N., Poldrack, R. A., Schonberg, T.  
2016; 7: 421-?
- **Long-term neural and physiological phenotyping of a single human.** *Nature communications*  
Poldrack, R. A., Laumann, T. O., Koyejo, O., Gregory, B., Hover, A., Chen, M. Y., Gorgolewski, K. J., Luci, J., Joo, S. J., Boyd, R. L., Hunicke-Smith, S., Simpson, Z. B., Caven, et al  
2015; 6: 8885
- **Long-term neural and physiological phenotyping of a single human** *NATURE COMMUNICATIONS*  
Poldrack, R. A., Laumann, T. O., Koyejo, O., Gregory, B., Hover, A., Chen, M., Gorgolewski, K. J., Luci, J., Joo, S. J., Boyd, R. L., Hunicke-Smith, S., Simpson, Z. B., Caven, et al  
2015; 6
- **Estimation of dynamic functional connectivity using Multiplication of Temporal Derivatives.** *NeuroImage*  
Shine, J. M., Koyejo, O., Bell, P. T., Gorgolewski, K. J., Gilat, M., Poldrack, R. A.  
2015; 122: 399-407
- **Effects of thresholding on correlation-based image similarity metrics** *FRONTIERS IN NEUROSCIENCE*  
Sochat, V. V., Gorgolewski, K. J., Koyejo, O., Durnez, J., Poldrack, R. A.  
2015; 9
- **Progress and challenges in probing the human brain** *NATURE*  
Poldrack, R. A., Farah, M. J.  
2015; 526 (7573): 371-379
- **Functional System and Areal Organization of a Highly Sampled Individual Human Brain** *NEURON*  
Laumann, T. O., Gordon, E. M., Adeyemo, B., Snyder, A. Z., Joo, S. J., Chen, M., Gilmore, A. W., McDermott, K. B., Nelson, S. M., Dosenbach, N. U., Schlaggar, B. L., Mumford, J. A., Poldrack, et al  
2015; 87 (3): 657-670
- **OpenfMRI: Open sharing of task fMRI data.** *NeuroImage*  
Poldrack, R. A., Gorgolewski, K. J.  
2015
- **Orthogonalization of Regressors in fMRI Models** *PLOS ONE*  
Mumford, J. A., Poline, J., Poldrack, R. A.  
2015; 10 (4)
- **Multiple brain networks contribute to the acquisition of bias in perceptual decision-making** *FRONTIERS IN NEUROSCIENCE*  
Chen, M., Jimura, K., White, C. N., Maddox, W. T., Poldrack, R. A.  
2015; 9
- **If all your friends jumped off a bridge: The effect of others' actions on engagement in and recommendation of risky behaviors.** *Journal of experimental psychology. General*  
Helfinstein, S. M., Mumford, J. A., Poldrack, R. A.  
2015; 144 (1): 12-17
- **Is "efficiency" a useful concept in cognitive neuroscience?** *DEVELOPMENTAL COGNITIVE NEUROSCIENCE*  
Poldrack, R. A.  
2015; 11: 12-17
- **The publication and reproducibility challenges of shared data.** *Trends in cognitive sciences*  
Poldrack, R. A., Poline, J.  
2015; 19 (2): 59-61

- **NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain.** *Frontiers in neuroinformatics*  
Gorgolewski, K. J., Varoquaux, G., Rivera, G., Schwarz, Y., Ghosh, S. S., Maumet, C., Sochat, V. V., Nichols, T. E., Poldrack, R. A., Poline, J., Yarkoni, T., Margulies, D. S.  
2015; 9: 8-?
- **The impact of study design on pattern estimation for single-trial multivariate pattern analysis** *NEUROIMAGE*  
Mumford, J. A., Davis, T., Poldrack, R. A.  
2014; 103: 130-138
- **Right inferior frontal cortex: addressing the rebuttals.** *Frontiers in human neuroscience*  
Aron, A. R., Robbins, T. W., Poldrack, R. A.  
2014; 8: 905
- **Making big data open: data sharing in neuroimaging** *NATURE NEUROSCIENCE*  
Poldrack, R. A., Gorgolewski, K. J.  
2014; 17 (11): 1510-1517
- **Evidence for Corticostriatal Dysfunction During Cognitive Skill Learning in Adolescent Siblings of Patients With Childhood-Onset Schizophrenia** *SCHIZOPHRENIA BULLETIN*  
Wagshal, D., Knowlton, B. J., Suthana, N. A., Cohen, J. R., Poldrack, R. A., Bookheimer, S. Y., Bilder, R. M., Asarnow, R. F.  
2014; 40 (5): 1030-1039
- **What do differences between multi-voxel and univariate analysis mean? How subject-, voxel-, and trial-level variance impact fMRI analysis** *NEUROIMAGE*  
Davis, T., LaRocque, K. F., Mumford, J. A., Norman, K. A., Wagner, A. D., Poldrack, R. A.  
2014; 97: 271-283
- **What do differences between multi-voxel and univariate analysis mean? How subject-, voxel-, and trial-level variance impact fMRI analysis.** *NeuroImage*  
Davis, T., LaRocque, K. F., Mumford, J. A., Norman, K. A., Wagner, A. D., Poldrack, R. A.  
2014; 97: 271-283
- **Decomposing Decision Components in the Stop-signal Task: A Model-based Approach to Individual Differences in Inhibitory Control** *JOURNAL OF COGNITIVE NEUROSCIENCE*  
White, C. N., Congdon, E., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., Freimer, N. B., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.  
2014; 26 (8): 1601-1614
- **Quantifying the Internal Structure of Categories Using a Neural Typicality Measure** *CEREBRAL CORTEX*  
Davis, T., Poldrack, R. A.  
2014; 24 (7): 1720-1737
- **Interdisciplinary perspectives on the development, integration, and application of cognitive ontologies** *FRONTIERS IN NEUROINFORMATICS*  
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; 8
- **Global Neural Pattern Similarity as a Common Basis for Categorization and Recognition Memory** *JOURNAL OF NEUROSCIENCE*  
Davis, T., Xue, G., Love, B. C., Preston, A. R., Poldrack, R. A.  
2014; 34 (22): 7472-7484
- **The neural basis of task switching changes with skill acquisition** *FRONTIERS IN HUMAN NEUROSCIENCE*  
Jimura, K., Cazalis, F., Stover, E. R., Poldrack, R. A.  
2014; 8
- **Women are more sensitive than men to prior trial events on the Stop-signal task** *BRITISH JOURNAL OF PSYCHOLOGY*  
Thakkar, K. N., Congdon, E., Poldrack, R. A., Sabb, F. W., London, E. D., Cannon, T. D., Bilder, R. M.  
2014; 105 (2): 254-272
- **Neural activation during response inhibition in adult attention-deficit/hyperactivity disorder: Preliminary findings on the effects of medication and symptom severity** *PSYCHIATRY RESEARCH-NEUROIMAGING*  
Congdon, E., Altshuler, L. L., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., Ventura, J., McGough, J. J., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.

2014; 222 (1-2): 17-28

- **Changing value through cued approach: an automatic mechanism of behavior change** *NATURE NEUROSCIENCE*  
Schonberg, T., Bakkour, A., Hover, A. M., Mumford, J. A., Nagar, L., Perez, J., Poldrack, R. A.  
2014; 17 (4): 625-U195
- **inhibition and the right inferior frontal cortex: one decade on** *TRENDS IN COGNITIVE SCIENCES*  
Aron, A. R., Robbins, T. W., Poldrack, R. A.  
2014; 18 (4): 177-185
- **Decomposing Bias in Different Types of Simple Decisions** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-LEARNING MEMORY AND COGNITION*  
White, C. N., Poldrack, R. A.  
2014; 40 (2): 385-398
- **Impaired automatization of a cognitive skill in first-degree relatives of patients with schizophrenia** *PSYCHIATRY RESEARCH*  
Wagshal, D., Knowlton, B. J., Cohen, J. R., Poldrack, R. A., Bookheimer, S. Y., Bilder, R. M., Asarnow, R. F.  
2014; 215 (2): 294-299
- **Predicting risky choices from brain activity patterns** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Helfinstein, S. M., Schonberg, T., Congdon, E., Karlsgodt, K. H., Mumford, J. A., Sabb, F. W., Cannon, T. D., London, E. D., Bilder, R. M., Poldrack, R. A.  
2014; 111 (7): 2470-2475
- **Influencing Food Choices by Training: Evidence for Modulation of Frontoparietal Control Signals** *JOURNAL OF COGNITIVE NEUROSCIENCE*  
Schonberg, T., Bakkour, A., Hover, A. M., Mumford, J. A., Poldrack, R. A.  
2014; 26 (2): 247-268
- **The ethics of secondary data analysis: Considering the application of Belmont principles to the sharing of neuroimaging data** *NEUROIMAGE*  
Brakewood, B., Poldrack, R. A.  
2013; 82: 671-676
- **Function in the human connectome: Task-fMRI and individual differences in behavior** *NEUROIMAGE*  
Barch, D. M., Burgess, G. C., Harms, M. P., Petersen, S. E., Schlaggar, B. L., Corbetta, M., Glasser, M. F., Curtiss, S., Dixit, S., Feldt, C., Nolan, D., Bryant, E., Hartley, et al  
2013; 80: 169-189
- **Greater risk sensitivity of dorsolateral prefrontal cortex in young smokers than in nonsmokers** *PSYCHOPHARMACOLOGY*  
Galvan, A., Schonberg, T., Mumford, J., Kohn, M., Poldrack, R. A., London, E. D.  
2013; 229 (2): 345-355
- **Complementary Role of Frontoparietal Activity and Cortical Pattern Similarity in Successful Episodic Memory Encoding** *CEREBRAL CORTEX*  
Xue, G., Dong, Q., Chen, C., Lu, Z., Mumford, J. A., Poldrack, R. A.  
2013; 23 (7): 1562-1571
- **Toward open sharing of task-based fMRI data: the OpenfMRI project.** *Frontiers in neuroinformatics*  
Poldrack, R. A., Barch, D. M., Mitchell, J. P., Wager, T. D., Wagner, A. D., Devlin, J. T., Cumba, C., Koyejo, O., Milham, M. P.  
2013; 7: 12-?
- **Using fMRI to Constrain Theories of Cognition** *PERSPECTIVES ON PSYCHOLOGICAL SCIENCE*  
White, C. N., Poldrack, R. A.  
2013; 8 (1): 79-83
- **Differences in neural activation as a function of risk-taking task parameters.** *Frontiers in neuroscience*  
Congdon, E., Bato, A. A., Schonberg, T., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.  
2013; 7: 173-?
- **Learning Predictive Cognitive Structure from fMRI using Supervised Topic Models** *3rd International Workshop on Pattern Recognition in NeuroImaging (PRNI)*  
Koyejo, O., Patel, P., Ghosh, J., Poldrack, R. A.  
IEEE.2013: 9-12

- **Differences in neural activation as a function of risk-taking task parameters** *FRONTIERS IN NEUROSCIENCE*  
Congdon, E., Bato, A. A., Schonberg, T., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.  
2013; 7
- **Toward open sharing of task-based fMRI data: the OpenfMRI project** *FRONTIERS IN NEUROINFORMATICS*  
Poldrack, R. A., Barch, D. M., Mitchell, J. P., Wager, T. D., Wagner, A. D., Devlin, J. T., Cumba, C., Koyejo, O., Milham, M. P.  
2013; 7
- **Measuring neural representations with fMRI: practices and pitfalls** *YEAR IN COGNITIVE NEUROSCIENCE*  
Davis, T., Poldrack, R. A.  
2013; 1296: 108-134
- **Deficits in probabilistic classification learning and liability for schizophrenia** *PSYCHIATRY RESEARCH*  
Wagshal, D., Knowlton, B. J., Cohen, J. R., Poldrack, R. A., Bookheimer, S. Y., Bilder, R. M., Fernandez, V. G., Asarnow, R. F.  
2012; 200 (2-3): 167-172
- **Perceptual Criteria in the Human Brain** *JOURNAL OF NEUROSCIENCE*  
White, C. N., Mumford, J. A., Poldrack, R. A.  
2012; 32 (47): 16716-16724
- **Discovering Relations Between Mind, Brain, and Mental Disorders Using Topic Mapping** *PLOS COMPUTATIONAL BIOLOGY*  
Poldrack, R. A., Mumford, J. A., Schonberg, T., Kalar, D., Barman, B., Yarkoni, T.  
2012; 8 (10)
- **Spatiotemporal activity estimation for multivoxel pattern analysis with rapid event-related designs** *NEUROIMAGE*  
Turner, B. O., Mumford, J. A., Poldrack, R. A., Ashby, F. G.  
2012; 62 (3): 1429-1438
- **The future of fMRI in cognitive neuroscience** *NEUROIMAGE*  
Poldrack, R. A.  
2012; 62 (2): 1216-1220
- **The Relationship Between Measures of Impulsivity and Alcohol Misuse: An Integrative Structural Equation Modeling Approach** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*  
Courtney, K. E., Arellano, R., Barkley-Levenson, E., Galvan, A., Poldrack, R. A., MacKillop, J., Jentsch, J. D., Ray, L. A.  
2012; 36 (6): 923-931
- **Striatal Dopamine D-2/ D-3 Receptors Mediate Response Inhibition and Related Activity in Frontostriatal Neural Circuitry in Humans** *JOURNAL OF NEUROSCIENCE*  
Ghahremani, D. G., Lee, B., Robertson, C. L., Tabibnia, G., Morgan, A. T., De Shetler, N., Brown, A. K., Monterosso, J. R., Aron, A. R., Mandelkern, M. A., Poldrack, R. A., London, E. D.  
2012; 32 (21): 7316-7324
- **Analyses of regional-average activation and multivoxel pattern information tell complementary stories** *NEUROPSYCHOLOGIA*  
Jimura, K., Poldrack, R. A.  
2012; 50 (4): 544-552
- **Human Anterior and Posterior Hippocampus Respond Distinctly to State and Trait Anxiety** *EMOTION*  
Satpute, A. B., Mumford, J. A., Naliboff, B. D., Poldrack, R. A.  
2012; 12 (1): 58-68
- **Deconvolving BOLD activation in event-related designs for multivoxel pattern classification analyses** *NEUROIMAGE*  
Mumford, J. A., Turner, B. O., Ashby, F. G., Poldrack, R. A.  
2012; 59 (3): 2636-2643
- **Measurement and reliability of response inhibition** *FRONTIERS IN PSYCHOLOGY*  
Congdon, E., Mumford, J. A., Cohen, J. R., Galvan, A., Canli, T., Poldrack, R. A.  
2012; 3
- **Decreasing ventromedial prefrontal cortex activity during sequential risk-taking: an FMRI investigation of the balloon analog risk task.** *Frontiers in neuroscience*

- Schonberg, T., Fox, C. R., Mumford, J. A., Congdon, E., Trepel, C., Poldrack, R. A.  
2012; 6: 80-?
- **Data sharing in neuroimaging research.** *Frontiers in neuroinformatics*  
Poline, J., Breeze, J. L., Ghosh, S., Gorgolewski, K., Halchenko, Y. O., Hanke, M., Haselgrove, C., Helmer, K. G., Keator, D. B., Marcus, D. S., Poldrack, R. A., Schwartz, Y., Ashburner, et al  
2012; 6: 9-?
  - **Frontiers in brain imaging methods grand challenge.** *Frontiers in neuroscience*  
Poline, J., Poldrack, R. A.  
2012; 6: 96-?
  - **Measurement and reliability of response inhibition.** *Frontiers in psychology*  
Congdon, E., Mumford, J. A., Cohen, J. R., Galvan, A., Canli, T., Poldrack, R. A.  
2012; 3: 37-?
  - **Data sharing in neuroimaging research** *FRONTIERS IN NEUROINFORMATICS*  
Poline, J., Breeze, J. L., Ghosh, S., Gorgolewski, K., Halchenko, Y. O., Hanke, M., Haselgrove, C., Helmer, K. G., Keator, D. B., Marcus, D. S., Poldrack, R. A., Schwartz, Y., Ashburner, et al  
2012; 6
  - **Decreasing ventromedial prefrontal cortex activity during sequential risk-taking: an fMRI investigation of the balloon analog risk task** *FRONTIERS IN NEUROSCIENCE*  
Schonberg, T., Fox, C. R., Mumford, J. A., Congdon, E., Trepel, C., Poldrack, R. A.  
2012; 6
  - **Inhibition-related Activation in the Right Inferior Frontal Gyrus in the Absence of Inhibitory Cues** *JOURNAL OF COGNITIVE NEUROSCIENCE*  
Lenartowicz, A., Verbruggen, F., Logan, G. D., Poldrack, R. A.  
2011; 23 (11): 3388-3399
  - **Large-scale automated synthesis of human functional neuroimaging data** *NATURE METHODS*  
Yarkoni, T., Poldrack, R. A., Nichols, T. E., Van Essen, D. C., Wager, T. D.  
2011; 8 (8): 665-U95
  - **Spaced Learning Enhances Subsequent Recognition Memory by Reducing Neural Repetition Suppression** *JOURNAL OF COGNITIVE NEUROSCIENCE*  
Xue, G., Mei, L., Chen, C., Lu, Z., Poldrack, R., Dong, Q.  
2011; 23 (7): 1624-1633
  - **Evaluating imaging biomarkers for neurodegeneration in pre-symptomatic Huntington's disease using machine learning techniques** *NEUROIMAGE*  
Rizk-Jackson, A., Stoffers, D., Sheldon, S., Kuperman, J., Dale, A., Goldstein, J., Corey-Bloom, J., Poldrack, R. A., Aron, A. R.  
2011; 56 (2): 788-796
  - **Effect of Modafinil on Learning and Task-Related Brain Activity in Methamphetamine-Dependent and Healthy Individuals** *NEUROPSYCHOPHARMACOLOGY*  
Ghahremani, D. G., Tabibnia, G., Monterosso, J., Helleman, G., Poldrack, R. A., London, E. D.  
2011; 36 (5): 950-959
  - **Neural Correlates of Response Inhibition and Cigarette Smoking in Late Adolescence** *NEUROPSYCHOPHARMACOLOGY*  
Galvan, A., Poldrack, R. A., Baker, C. M., McGlennen, K. M., London, E. D.  
2011; 36 (5): 970-978
  - **Different Forms of Self-Control Share a Neurocognitive Substrate** *JOURNAL OF NEUROSCIENCE*  
Tabibnia, G., Monterosso, J. R., Baicy, K., Aron, A. R., Poldrack, R. A., Chakrapani, S., Lee, B., London, E. D.  
2011; 31 (13): 4805-4810
  - **The cognitive atlas: toward a knowledge foundation for cognitive neuroscience.** *Frontiers in neuroinformatics*  
Poldrack, R. A., Kittur, A., Kalar, D., Miller, E., Seppa, C., Gil, Y., Parker, D. S., Sabb, F. W., Bilder, R. M.  
2011; 5: 17-?
  - **Decoding continuous variables from neuroimaging data: basic and clinical applications.** *Frontiers in neuroscience*  
Cohen, J. R., Asarnow, R. F., Sabb, F. W., Bilder, R. M., Bookheimer, S. Y., Knowlton, B. J., Poldrack, R. A.



2011; 5: 75-?

- **Mind the gap: bridging economic and naturalistic risk-taking with cognitive neuroscience** *TRENDS IN COGNITIVE SCIENCES*  
Schonberg, T., Fox, C. R., Poldrack, R. A.  
2011; 15 (1): 11-19
- **Decoding continuous variables from neuroimaging data: basic and clinical applications** *FRONTIERS IN NEUROSCIENCE*  
Cohen, J. R., Asarnow, R. F., Sabb, F. W., Bilder, R. M., Bookheimer, S. Y., Knowlton, B. J., Poldrack, R. A.  
2011; 5
- **Altered Functional Connectivity in Frontal Lobe Circuits Is Associated with Variation in the Autism Risk Gene CNTNAP2** *SCIENCE TRANSLATIONAL MEDICINE*  
Scott-Van Zeeland, A. A., Abrahams, B. S., Alvarez-Retuerto, A. I., Sonnenblick, L. I., Rudie, J. D., Ghahremani, D., Mumford, J. A., Poldrack, R. A., Dapretto, M., Geschwind, D. H., Bookheimer, S. Y.  
2010; 2 (56)
- **Cognitive neuroscience 2.0: building a cumulative science of human brain function** *TRENDS IN COGNITIVE SCIENCES*  
Yarkoni, T., Poldrack, R. A., Van Essen, D. C., Wager, T. D.  
2010; 14 (11): 489-496
- **Engagement of large-scale networks is related to individual differences in inhibitory control** *NEUROIMAGE*  
Congdon, E., Mumford, J. A., Cohen, J. R., Galvan, A., Aron, A. R., Xue, G., Miller, E., Poldrack, R. A.  
2010; 53 (2): 653-663
- **Mapping Mental Function to Brain Structure: How Can Cognitive Neuroimaging Succeed?** *PERSPECTIVES ON PSYCHOLOGICAL SCIENCE*  
Poldrack, R. A.  
2010; 5 (6): 753-761
- **Neurocognitive Phenotypes and Genetic Dissection of Disorders of Brain and Behavior** *NEURON*  
Congdon, E., Poldrack, R. A., Freimer, N. B.  
2010; 68 (2): 218-230
- **Facilitating Memory for Novel Characters by Reducing Neural Repetition Suppression in the Left Fusiform Cortex** *PLOS ONE*  
Xue, G., Mei, L., Chen, C., Lu, Z., Poldrack, R. A., Dong, Q.  
2010; 5 (10)
- **Greater Neural Pattern Similarity Across Repetitions Is Associated with Better Memory** *SCIENCE*  
Xue, G., Dong, Q., Chen, C., Lu, Z., Mumford, J. A., Poldrack, R. A.  
2010; 330 (6000): 97-101
- **Detecting network modules in fMRI time series: A weighted network analysis approach** *NEUROIMAGE*  
Mumford, J. A., Horvath, S., Oldham, M. C., Langfelder, P., Geschwind, D. H., Poldrack, R. A.  
2010; 52 (4): 1465-1476
- **Towards an Ontology of Cognitive Control** *TOPICS IN COGNITIVE SCIENCE*  
Lenartowicz, A., Kalar, D. J., Congdon, E., Poldrack, R. A.  
2010; 2 (4): 678-692
- **Everything you never wanted to know about circular analysis, but were afraid to ask** *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*  
Kriegeskorte, N., Lindquist, M. A., Nichols, T. E., Poldrack, R. A., Vul, E.  
2010; 30 (9): 1551-1557
- **Neural Components Underlying Behavioral Flexibility in Human Reversal Learning** *CEREBRAL CORTEX*  
Ghahremani, D. G., Monterosso, J., Jentsch, J. D., Bilder, R. M., Poldrack, R. A.  
2010; 20 (8): 1843-1852
- **Decoding developmental differences and individual variability in response inhibition through predictive analyses across individuals** *FRONTIERS IN HUMAN NEUROSCIENCE*  
Cohen, J. R., Asarnow, R. F., Sabb, F. W., Bilder, R. M., Bookheimer, S. Y., Knowlton, B. J., Poldrack, R. A.  
2010; 4

- **Inhibitory Motor Control in Response Stopping and Response Switching** *JOURNAL OF NEUROSCIENCE*  
Kenner, N. M., Mumford, J. A., Hommer, R. E., Skup, M., Leibenluft, E., Poldrack, R. A.  
2010; 30 (25): 8512-8518
- **A unique adolescent response to reward prediction errors** *NATURE NEUROSCIENCE*  
Cohen, J. R., Asarnow, R. F., Sabb, F. W., Bilder, R. M., Bookheimer, S. Y., Knowlton, B. J., Poldrack, R. A.  
2010; 13 (6): 669-671
- **Interpreting Developmental Changes in Neuroimaging Signals** *HUMAN BRAIN MAPPING*  
Poldrack, R. A.  
2010; 31 (6): 872-878
- **Reward Processing in Autism** *AUTISM RESEARCH*  
Scott-Van Zeeland, A. A., Dapretto, M., Ghahremani, D. G., Poldrack, R. A., Bookheimer, S. Y.  
2010; 3 (2): 53-67
- **Common and Dissociable Prefrontal Loci Associated with Component Mechanisms of Analogical Reasoning** *CEREBRAL CORTEX*  
Cho, S., Moody, T. D., Fernandino, L., Mumford, J. A., Poldrack, R. A., Cannon, T. D., Knowlton, B. J., Holyoak, K. J.  
2010; 20 (3): 524-533
- **Six problems for causal inference from fMRI** *NEUROIMAGE*  
Ramsey, J. D., Hanson, S. J., Hanson, C., Halchenko, Y. O., Poldrack, R. A., Glymour, C.  
2010; 49 (2): 1545-1558
- **Striatal Dopamine D-2/D-3 Receptor Availability Is Reduced in Methamphetamine Dependence and Is Linked to Impulsivity** *JOURNAL OF NEUROSCIENCE*  
Lee, B., London, E. D., Poldrack, R. A., Farahi, J., Nacca, A., Monterosso, J. R., Mumford, J. A., Bokarius, A. V., Dahlbom, M., Mukherjee, J., Bilder, R. M., Brody, A. L., Mandelkern, et al  
2009; 29 (47): 14734-14740
- **PHENOMICS: THE SYSTEMATIC STUDY OF PHENOTYPES ON A GENOME-WIDE SCALE** *NEUROSCIENCE*  
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; 164 (1): 30-42
- **CHALLENGES IN PHENOTYPE DEFINITION IN THE WHOLE-GENOME ERA: MULTIVARIATE MODELS OF MEMORY AND INTELLIGENCE** *NEUROSCIENCE*  
Sabb, F. W., Burggren, A. C., Higier, R. G., Fox, J., He, J., Parker, D. S., Poldrack, R. A., Chu, W., Cannon, T. D., Freimer, N. B., Bilder, R. M.  
2009; 164 (1): 88-107
- **Decoding the Large-Scale Structure of Brain Function by Classifying Mental States Across Individuals** *PSYCHOLOGICAL SCIENCE*  
Anonymous  
2009; 20 (11): 1364-1372
- **Functional MRI at the crossroads** *INTERNATIONAL JOURNAL OF PSYCHOPHYSIOLOGY*  
Van Horn, J. D., Poldrack, R. A.  
2009; 73 (1): 3-9
- **Independence in ROI analysis: where is the voodoo?** *SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE*  
Poldrack, R. A., Mumford, J. A.  
2009; 4 (2): 208-213
- **CNTRICS Final Task Selection: Executive Control** *SCHIZOPHRENIA BULLETIN*  
Barch, D. M., Braver, T. S., Carter, C. S., Poldrack, R. A., Robbins, T. W.  
2009; 35 (1): 115-135
- **Cognitive ontologies for neuropsychiatric phenomics research.** *Cognitive neuropsychiatry*  
Bilder, R. M., Sabb, F. W., Parker, D. S., Kalar, D., Chu, W. W., Fox, J., Freimer, N. B., Poldrack, R. A.  
2009; 14 (4-5): 419-450
- **Neural Substrates for Reversing Stimulus-Outcome and Stimulus-Response Associations** *JOURNAL OF NEUROSCIENCE*

- Xue, G., Ghahremani, D. G., Poldrack, R. A.  
2008; 28 (44): 11196-11204
- **Common neural substrates for inhibition of spoken and manual responses** *CEREBRAL CORTEX*  
Xue, G., Aron, A. R., Poldrack, R. A.  
2008; 18 (8): 1923-1932
  - **The role of fMRI in Cognitive Neuroscience: where do we stand?** *CURRENT OPINION IN NEUROBIOLOGY*  
Poldrack, R. A.  
2008; 18 (2): 223-226
  - **Diffusion tensor imaging of the superior longitudinal fasciculus and working memory in recent-onset schizophrenia** *BIOLOGICAL PSYCHIATRY*  
Karlsgodt, K. H., van Erp, T. G., Poldrack, R. A., Bearden, C. E., Nuechterlein, K. H., Cannon, T. D.  
2008; 63 (5): 512-518
  - **Construction of a 3D probabilistic atlas of human cortical structures** *NEUROIMAGE*  
Shattuck, D. W., Mirza, M., Adisetiyo, V., Hojatkashani, C., Salamon, G., Narr, K. L., Poldrack, R. A., Bilder, R. M., Toga, A. W.  
2008; 39 (3): 1064-1080
  - **Automaticity in motor sequence learning does not impair response inhibition** *PSYCHONOMIC BULLETIN & REVIEW*  
Cohen, J. R., Poldrack, R. A.  
2008; 15 (1): 108-115
  - **Automatic independent component labeling for artifact removal in fMRI** *NEUROIMAGE*  
Tohka, J., Foerde, K., Aron, A. R., Tom, S. M., Toga, A. W., Poldrack, R. A.  
2008; 39 (3): 1227-1245
  - **Category learning and the memory systems debate** *NEUROSCIENCE AND BIOBEHAVIORAL REVIEWS*  
Poldrack, R. A., Foerde, K.  
2008; 32 (2): 197-205
  - **Selective corticostriatal dysfunction in schizophrenia: Examination of motor and cognitive skill learning** *NEUROPSYCHOLOGY*  
Foerde, K., Poldrack, R. A., Knowlton, B. J., Sabb, F. W., Bookheimer, S. Y., Bilder, R. M., Guthrie, D., Granholm, E., Nuechterlein, K. H., Marder, S. R., Asarnow, R. F.  
2008; 22 (1): 100-109
  - **The neural substrates of visual perceptual learning of words: Implications for the visual word form area hypothesis** *JOURNAL OF COGNITIVE NEUROSCIENCE*  
Xue, G., Poldrack, R. A.  
2007; 19 (10): 1643-1655
  - **In praise of tedious anatomy** *NEUROIMAGE*  
Devlin, J. T., Poldrack, R. A.  
2007; 37 (4): 1033-1041
  - **Modeling group fMRI data** *SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE*  
Mumford, J. A., Poldrack, R. A.  
2007; 2 (3): 251-257
  - **Secondary-task effects on classification learning** *MEMORY & COGNITION*  
Foerde, K., Poldrack, R. A., Knowlton, B. J.  
2007; 35 (5): 864-874
  - **Triangulating a cognitive control network using diffusion-weighted magnetic resonance imaging (MRI) and functional MRI** *JOURNAL OF NEUROSCIENCE*  
Aron, A. R., Behrens, T. E., Smith, S., Frank, M. J., Poldrack, R. A.  
2007; 27 (14): 3743-3752
  - **Region of interest analysis for fMRI** *SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE*  
Poldrack, R. A.  
2007; 2 (1): 67-70

- **Elaborative verbal encoding and altered anterior parahippocampal activation in adolescents and young adults at genetic risk for schizophrenia using fMRI** *BIOLOGICAL PSYCHIATRY*  
Thermenos, H. W., Seidman, L. J., Poldrack, R. A., Peace, N. K., Koch, J. K., Faraone, S. V., Tsuang, M. T.  
2007; 61 (4): 564-574
- **The neural basis of loss aversion in decision-making under risk** *SCIENCE*  
Tom, S. M., Fox, C. R., Trepel, C., Poldrack, R. A.  
2007; 315 (5811): 515-518
- **RETRACTED: Elaborative Verbal Encoding and Altered Anterior Parahippocampal Activation in Adolescents and Young Adults at Genetic Risk for Schizophrenia Using fMRI.** *Biological psychiatry*  
Thermenos, H. W., Seidman, L. J., Poldrack, R. A., Peace, N. K., Koch, J. K., Faraone, S. V., Tsuang, M. T.  
2006: -?
- **Modulation of competing memory systems by distraction** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Foerde, K., Knowlton, B. J., Poldrack, R. A.  
2006; 103 (31): 11778-11783
- **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*  
Seidman, L. J., Thermenos, H. W., Poldrack, R. A., Peace, N. K., Koch, J. K., Faraone, S. V., Tsuang, M. T.  
2006; 85 (1-3): 58-72
- **Ventral-striatal/nucleus-accumbens sensitivity to prediction errors during classification learning** *HUMAN BRAIN MAPPING*  
Rodriguez, P. F., Aron, A. R., Poldrack, R. A.  
2006; 27 (4): 306-313
- **Cortical and subcortical contributions to stop signal response inhibition: Role of the subthalamic nucleus** *JOURNAL OF NEUROSCIENCE*  
Aron, A. R., Poldrack, R. A.  
2006; 26 (9): 2424-2433
- **Long-term test-retest reliability of functional MRI in a classification learning task** *NEUROIMAGE*  
Aron, A. R., Gluck, M. A., Poldrack, R. A.  
2006; 29 (3): 1000-1006
- **Can cognitive processes be inferred from neuroimaging data?** *TRENDS IN COGNITIVE SCIENCES*  
Poldrack, R. A.  
2006; 10 (2): 59-63
- **Hormonal cycle modulates arousal circuitry in women using functional magnetic resonance imaging** *JOURNAL OF NEUROSCIENCE*  
Goldstein, J. M., Jerram, M., Poldrack, R., Ahern, T., Kennedy, D. N., Seidman, L. J., Makris, N.  
2005; 25 (40): 9309-9316
- **Imaging phonology without print: Assessing the neural correlates of phonemic awareness using fMRI** *NEUROIMAGE*  
Katzir, T., Misra, M., Poldrack, R. A.  
2005; 27 (1): 106-115
- **Sex differences in prefrontal cortical brain activity during fMRI of auditory verbal working memory** *NEUROPSYCHOLOGY*  
Goldstein, J. M., Jerram, M., Poldrack, R., Anagnoson, R., Breiter, H. C., Makris, N., Goodman, J. M., Tsuang, M. T., Seidman, L. J.  
2005; 19 (4): 509-519
- **The neural correlates of motor skill automaticity** *JOURNAL OF NEUROSCIENCE*  
Poldrack, R. A., Sabb, F. W., Foerde, K., Tom, S. M., Asarnow, R. F., Bookheimer, S. Y., Knowlton, B. J.  
2005; 25 (22): 5356-5364
- **The cognitive neuroscience of response inhibition: Relevance for genetic research in attention-deficit/hyperactivity disorder** *Conference on Advancing the Neuroscience of Attention-Deficit/Hyperactivity Disorder (ADHD)*  
Aron, A. R., Poldrack, R. A.  
ELSEVIER SCIENCE INC.2005: 1285-92

- **The effect of working memory performance on functional MRI in schizophrenia** *SCHIZOPHRENIA RESEARCH*  
Thermenos, H. W., Goldstein, J. M., Buka, S. L., Poldrack, R. A., Koch, J. K., Tsuang, M. T., Seidman, L. J.  
2005; 74 (2-3): 179-194
- **Prospect theory on the brain? Toward a cognitive neuroscience of decision under risk** *COGNITIVE BRAIN RESEARCH*  
Trepel, C., Fox, C. R., Poldrack, R. A.  
2005; 23 (1): 34-50
- **Functional neuroanatomy of working memory in adults with attention-deficit/hyperactivity disorder** *BIOLOGICAL PSYCHIATRY*  
Valera, E. M., Faraone, S. V., Biederman, J., Poldrack, R. A., Seidman, L. J.  
2005; 57 (5): 439-447
- **Medial temporal and prefrontal lobe activation during verbal encoding following glucose ingestion in schizophrenia: A pilot fMRI study** *NEUROBIOLOGY OF LEARNING AND MEMORY*  
Stone, W. S., Thermenos, H. W., Tarbox, S. I., Poldrack, R. A., Seidman, L. J.  
2005; 83 (1): 54-64
- **How do memory systems interact? Evidence from human classification learning** *NEUROBIOLOGY OF LEARNING AND MEMORY*  
Poldrack, R. A., Rodriguez, P.  
2004; 82 (3): 324-332
- **Human midbrain sensitivity to cognitive feedback and uncertainty during classification learning** *JOURNAL OF NEUROPHYSIOLOGY*  
Aron, A. R., Shohamy, D., Clark, J., Myers, C., Gluck, M. A., Poldrack, R. A.  
2004; 92 (2): 1144-1152
- **Inhibition and the right inferior frontal cortex** *TRENDS IN COGNITIVE SCIENCES*  
Aron, A. R., Robbins, T. W., Poldrack, R. A.  
2004; 8 (4): 170-177
- **Cortico-striatal contributions to feedback-based learning: converging data from neuroimaging and neuropsychology** *BRAIN*  
Shohamy, D., Myers, C. E., Grossman, S., Sage, J., Gluck, M. A., Poldrack, R. A.  
2004; 127: 851-859
- **Functional magnetic resonance imaging during auditory verbal working memory in nonpsychotic relatives of persons with schizophrenia: A pilot study** *BIOLOGICAL PSYCHIATRY*  
Thermenos, H. W., Seidman, L. J., Breiter, H., Goldstein, J. M., Goodman, J. M., Poldrack, R., Faraone, S. V., Tsuang, M. T.  
2004; 55 (5): 490-500
- **Neural systems for rapid automatized naming in skilled readers: Unraveling the RAN-reading relationship** *SCIENTIFIC STUDIES OF READING*  
Misra, M., Katzir, T., Wolf, M., Poldrack, R. A.  
2004; 8 (3): 241-256
- **Pediatric functional magnetic resonance imaging: progress and challenges.** *Topics in magnetic resonance imaging*  
Poldrack, R. A., Paré-Blagoev, E. J., Grant, P. E.  
2002; 13 (1): 61-70
- **Interactive memory systems in the human brain** *NATURE*  
Poldrack, R. A., Clark, J., Pare-Blagoev, E. J., Shohamy, D., Moyano, J. C., Myers, C., Gluck, M. A.  
2001; 414 (6863): 546-550
- **Recovering meaning: Left prefrontal cortex guides controlled semantic retrieval** *NEURON*  
Wagner, A. D., Pare-Blagoev, E. J., Clark, J., Poldrack, R. A.  
2001; 31 (2): 329-338
- **Priming of new associations in reading time: What is learned?** *PSYCHONOMIC BULLETIN & REVIEW*  
Poldrack, R. A., COHEN, N. J.  
1997; 4 (3): 398-402
- **Memory for items and memory for relations in the procedural/declarative memory framework** *MEMORY*  
COHEN, N. J., Poldrack, R. A., EICHENBAUM, H.

1997; 5 (1-2): 131-178

- **Fluency and response speed in recognition judgments** *MEMORY & COGNITION*

Poldrack, R. A., Logan, G. D.

1997; 25 (1): 1-10

- **ON THE REPRESENTATIONAL COMPUTATIONAL PROPERTIES OF MULTIPLE MEMORY-SYSTEMS** *BEHAVIORAL AND BRAIN SCIENCES*

Poldrack, R. A., COHEN, N. J.

1994; 17 (3): 416-417