




Russell Poldrack

Albert Ray Lang Professor of Psychology and Professor, by courtesy, of Computer Science

 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
- Professor (By courtesy), Computer Science
- Member, Bio-X
- Member, Wu Tsai Neurosciences Institute

HONORS AND AWARDS

- 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

- Co-chair, Neuroinformatics 2017 (2017 - 2017)
- External Advisory Board member, Adolescent Brain Cognitive Development (ABCD) Study (2017 - 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

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

Teaching

COURSES

2018-19

- Brain Networks: PSYCH 162, PSYCH 267 (Aut)
- Cognitive Neuroscience: PSYCH 202 (Aut)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Neurosciences Cognitive Core: NEPR 207 (Spr)

2017-18

- Cognitive Neuroscience: PSYCH 202 (Aut)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Neurosciences Cognitive Core: NEPR 207 (Spr)

2016-17

- Advanced fMRI modeling and analysis: PSYCH 248 (Win)
- Cognitive Neuroscience: PSYCH 202 (Aut)
- Neurosciences Cognitive Core: NEPR 207 (Spr)
- Reading the Brain: the Scientific, Ethical, and Legal Implications of Brain Imaging: PSYCH 9N (Win)
- fMRI Analysis Bootcamp: PSYCH 248A (Aut)

2015-16

- Cognitive Neuroscience: PSYCH 202 (Aut)
- Judgment and Decision-Making: PSYCH 154 (Spr)
- Neurosciences Cognitive Core: NEPR 207 (Spr)
- Reading the Brain: the Scientific, Ethical, and Legal Implications of Brain Imaging: PSYCH 9N (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Ellie Beam, Anna Khazenon, Molly Lucas, Jaclyn Schwartz

Postdoctoral Faculty Sponsor

Oscar Esteban, Dana Mastrovito, William Hedley Thompson, Jesse Wright

Doctoral Dissertation Advisor (AC)

Ian Eisenberg, Zeynep Enkavi, Jon Walters

Master's Program Advisor

Tom Kennedy, Ariel Leong

Doctoral (Program)

Ian Eisenberg, Zeynep Enkavi

Postdoctoral Research Mentor

Dana Mastrovito, William Hedley Thompson, Jesse Wright

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

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

Publications

PUBLICATIONS

- **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
- **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
- **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
- **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
- **Making big data open: data sharing in neuroimaging** *NATURE NEUROSCIENCE*
Poldrack, R. A., Gorgolewski, K. J.
2014; 17 (11): 1510-1517
 - **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
 - **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
 - **Inferring Mental States from Neuroimaging Data: From Reverse Inference to Large-Scale Decoding** *NEURON*
Poldrack, R. A.
2011; 72 (5): 692-697
 - **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
 - **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
 - **Decoding the Large-Scale Structure of Brain Function by Classifying Mental States Across Individuals** *PSYCHOLOGICAL SCIENCE*
Anonymous
2009; 20 (11): 1364-1372
 - **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
 - **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
 - **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
- **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
 - **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 : 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.** *The American journal of clinical nutrition*
Smeets, P. A., 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
 - **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
 - **Publisher Correction: 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. A., Shine, R., Koyejo, O., Sporns, O., Poldrack, R. A.
2019
 - **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
 - **Author Correction: 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. D., Hagenaars, S. P., Ritchie, S. J., Marioni, R. E., Fawns-Ritchie, C., Liewald, D. C., Okely, J. A., Ahola-Olli, et al
2019; 10 (1): 2068
 - **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. P., 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
 - **Corrigendum: Editorial: Reliability and Reproducibility in Functional Connectomics.** *Frontiers in neuroscience*
Zuo, X. N., Biswal, B. B., Poldrack, R. A.
2019; 13: 374
 - **Editorial: Reliability and Reproducibility in Functional Connectomics.** *Frontiers in neuroscience*
Zuo, X. N., Biswal, B. B., Poldrack, R. A.
2019; 13: 117

- **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
- **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., Basset, 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
- **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
- **Making replication prestigious** *BEHAVIORAL AND BRAIN SCIENCES*
Gorgolewski, K. J., Nichols, T., Kennedy, D. N., Poline, J., Poldrack, R. A.
2018; 41
- **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
- **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
- **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
- **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
- **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
- **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
- **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)
- **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
- **Precision Neuroscience: Dense Sampling of Individual Brains.** *Neuron*
Poldrack, R. A.
2017; 95 (4): 727-29
- **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
- **Preprocessed Consortium for Neuropsychiatric Phenomics dataset.** *F1000Research*
Gorgolewski, K. J., Durnez, J., Poldrack, R. A.
2017; 6: 1262
- **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
- **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
- **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)

- **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
- **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.
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