

Laura C. Lazzeroni, Ph.D.

Professor (Research) of Psychiatry and Behavioral Sciences and, by courtesy,
of Biomedical Data Science

Bio

ACADEMIC APPOINTMENTS

- Professor (Research), Psychiatry and Behavioral Sciences
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Member, Bay Area Chapter, Society of Catholic Scientists (2022 - present)
- Member, Stanford Academic Freedom Alliance (2022 - present)

PROFESSIONAL EDUCATION

- PhD, UCLA , Biostatistics (1994)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Lazzeroni is a statistician and data scientist who develops and implements models, methods and algorithms for complex, and sometimes not-so-complex, data in medical science and biology. She is also interested in the interplay between fundamental statistical properties (such as variability, bias, p-values, and replication) and how scientists use and interpret data in practice. Much of her research has been in methodological and applied statistical genetics: including the invention of the Plaid bi-clustering model for gene expression data; methods for twin, genetic association, and family studies; and the problem of large-scale multiple testing and estimation in high dimensional biological arrays.

Publications

PUBLICATIONS

- **Cross-sectional, interventional, and causal investigation of insulin sensitivity using plasma proteomics in diverse populations.** *Metabolism: clinical and experimental*
Kho, P. F., Wary, N., Zanetti, D., Abbasi, F., Knowles, J. W., Panyard, D. J., Watson, K. T., Stell, L., Lazzeroni, L. C., Gustafsson, S., Lind, L., Petrie, J. R., Assimes, et al
2025: 156263
- **Cross-sectional, interventional, and causal investigation of insulin sensitivity using plasma proteomics in diverse populations.** *medRxiv : the preprint server for health sciences*
Kho, P. F., Wary, N., Zanetti, D., Abbasi, F., Knowles, J. W., Panyard, D. J., Watson, K. T., Stell, L., Lazzeroni, L. C., Gustafsson, S., Lind, L., Petrie, J. R., Assimes, et al
2024

- **Personalized digital behaviour interventions increase short-term physical activity: a randomized control crossover trial substudy of the MyHeart Counts Cardiovascular Health Study.** *European heart journal. Digital health*
Javed, A., Kim, D. S., Hershman, S. G., Shcherbina, A., Johnson, A., Tolas, A., O'Sullivan, J. W., McConnell, M. V., Lazzeroni, L., King, A. C., Christle, J. W., Oppezzo, M., Mattsson, et al
2023; 4 (5): 411-419
- **A Twin Study of Altered White Matter Heritability in Youth With Autism Spectrum Disorder.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hegarty, J. P., Monterrey, J. C., Tian, Q., Cleveland, S. C., Gong, X., Phillips, J. M., Wolke, O., McNab, J. A., Hallmayer, J., Reiss, A. L., Hardan, A. Y., Lazzeroni, L. C.
2023
- **Plasma proteomic signatures of a direct measure of insulin sensitivity in two population cohorts.** *Diabetologia*
Zanetti, D., Stell, L., Gustafsson, S., Abbasi, F., Tsao, P. S., Knowles, J. W., Zethelius, B., Ärnlöv, J., Balkau, B., Walker, M., Lazzeroni, L. C., Lind, L., Petrie, et al
2023
- **Improvements in Immediate and Delayed Memory With Insomnia Therapy and Their Associations With SWA in Older Adults**
Ahmadi, M., Krause, A. J., O'Hora, K. P., Hernandez, B., Lazzeroni, L., Zeitzer, J. M., Friedman, L. F., Posner, D., Kushida, C. A., Yesavage, J. A., Saletin, J., Goldstein-Piekarski, A.
ELSEVIER SCIENCE INC.2023: S301
- **Sensitivity of Schizophrenia Endophenotype Biomarkers to Anticholinergic Medication Burden.** *The American journal of psychiatry*
Joshi, Y. B., Molina, J. L., Braff, D. L., Green, M. F., Gur, R. C., Gur, R. E., Nuechterlein, K. H., Stone, W. S., Greenwood, T. A., Lazzeroni, L. C., Radant, A. D., Silverman, J. M., Sprock, et al
2023: appiajp20220649
- **Repetitive Transcranial Magnetic Stimulation for Depression and Posttraumatic Stress Disorder in Veterans With Mild Traumatic Brain Injury.** *Neuromodulation : journal of the International Neuromodulation Society*
Philip, N. S., Ramanathan, D., Gamboa, B., Brennan, M. C., Kozel, F. A., Lazzeroni, L., Madore, M. R.
2023
- **Impact of PTSD and Obstructive Sleep Apnea on Cognition in Older Adult Veterans.** *Journal of geriatric psychiatry and neurology*
Noland, M. D., Paolillo, E. W., Noda, A., Lazzeroni, L. C., Holty, J. C., Kuschner, W. G., Yesavage, J., Kinoshita, L. M.
2023: 8919887221149132
- **The Impact of APOzA and BDNF val66met on Executive Function in Older Veterans with Post-traumatic Stress Disorder.** *Journal of the International Neuropsychological Society*
Gretler, J., Noland, M., Lazzeroni, L., Noda, A., Yesavage, J., Kinoshita, L.
2023; 29: 521-522
- **Cognitive Improvement Following Physical Exercise and Cognitive Training Intervention for Older Adults with MCI.** *The journals of gerontology. Series A, Biological sciences and medical sciences*
Campbell, E. B., Delgadillo, M., Lazzeroni, L. C., Louras, P. N., Myers, J., Yesavage, J., Fairchild, J. K.
2022
- **Randomised clinical non-inferiority trial of breathing-based meditation and cognitive processing therapy for symptoms of post-traumatic stress disorder in military veterans.** *BMJ open*
Bayley, P. J., Schulz-Heik, R. J., Tang, J. S., Mathersul, D. C., Avery, T., Wong, M., Zeitzer, J. M., Rosen, C. S., Burn, A. S., Hernandez, B., Lazzeroni, L. C., Seppala, E. M.
2022; 12 (8): e056609
- **Understanding Connections and Boundaries Between Positive Symptoms, Negative Symptoms, and Role Functioning Among Individuals With Schizophrenia: A Network Psychometric Approach.** *JAMA psychiatry*
Abplanalp, S. J., Braff, D. L., Light, G. A., Nuechterlein, K. H., Green, M. F., Consortium on the Genetics of Schizophrenia-2, Gur, R. C., Gur, R. E., Stone, W. S., Greenwood, T. A., Lazzeroni, L. C., Radant, A. D., Seidman, L. J., et al
2022
- **The Benton Visual Form Discrimination Test as a Predictor of Neurocognitive Disorder in Older Veterans.** *Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists*
Maruyama, B. A., Alipio Jocson, V. Z., Gretler, J., Doudell, K., Lazzeroni, L. C., Hernandez, B., Noda, A., Yesavage, J. A., Kinoshita, L. M.

2022

- **Valued living among veterans in breath-based meditation treatment or cognitive processing therapy for posttraumatic stress disorder: Exploratory outcome of a randomized controlled trial.** *Global advances in health and medicine*
Schulz-Heik, R. J., Lazzeroni, L. C., Hernandez, B., Avery, T. J., Mathersul, D. C., Tang, J. S., Hugo, E., Bayley, P. J.
2022; 11: 2164957X221108376
- **THE IMPACT OF NON-PHARMACOLOGICAL INSOMNIA THERAPY ON MOOD AND SLEEP IN MORNING AND EVENING CHRONOTYPES IN OLDER ADULTS**
Lopez, M., Krause, A., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.
OXFORD UNIV PRESS INC.2022: A211-A212
- **NON-PHARMACOLOGICAL INSOMNIA THERAPY IS ROBUST TO CO-OCCURRING PAIN IN OLDER ADULTS**
Krause, A., Ahmadi, M., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Saletin, J., Goldstein-Piekarski, A.
OXFORD UNIV PRESS INC.2022: A197-A198
- **THE EFFECT OF DISTINCT COMPONENTS OF CBT-I ON SLOW WAVE POWER AND ENERGY**
Ahmadi, M., Krause, A., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Saletin, J., Goldstein-Piekarski, A.
OXFORD UNIV PRESS INC.2022: A197
- **THE EFFECTS OF INSOMNIA THERAPY ON DEPRESSION, ANXIETY, AND DAILY FUNCTIONING IN INDIVIDUALS WITH INSOMNIA AND MILD COGNITIVE IMPAIRMENT**
Morehouse, A., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.
OXFORD UNIV PRESS INC.2022: A275-A276
- **Non-Pharmacological Insomnia Therapy is Robust to Co-Occurring Pain in Older Adults**
Krause, A., Ahmadi, M., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Saletin, J., Goldstein-Piekarski, A.
ELSEVIER SCIENCE INC.2022: S370
- **The Effect of Distinct Components of CBT-I on Slow Wave Power and Energy**
Ahmadi, M., Krause, A. J., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J. A., Saletin, J., Goldstein-Piekarski, A.
ELSEVIER SCIENCE INC.2022: S369-S370
- **Mapping genomic loci implicates genes and synaptic biology in schizophrenia.** *Nature*
Trubetskoy, V., Pardinas, A. F., Qi, T., Panagiotaropoulou, G., Awasthi, S., Bigdeli, T. B., Bryois, J., Chen, C., Dennison, C. A., Hall, L. S., Lam, M., Watanabe, K., Frei, et al
2022
- **Repetitive Transcranial Magnetic Stimulation as a Treatment for Veterans with Cognitive Impairment and Multiple Comorbidities.** *Journal of Alzheimer's disease : JAD*
Cheng, J., Fairchild, J. K., Mc Nerney, M. W., Noda, A., Ashford, J. W., Suppes, P., Chao, S. Z., Taylor, J., Rosen, A., Durazzo, T., Lazzeroni, L. C., Yesavage, J.
1800
- **Anticholinergic Medication Burden-Associated Cognitive Impairment in Schizophrenia.** *The American journal of psychiatry*
Joshi, Y. B., Thomas, M. L., Braff, D. L., Green, M. F., Gur, R. C., Gur, R. E., Nuechterlein, K. H., Stone, W. S., Greenwood, T. A., Lazzeroni, L. C., MacDonald, L. R., Molina, J. L., Nungaray, et al
2021: appiajp202020081212
- **RELATIVE EFFECTIVENESS OF COGNITIVE BEHAVIORAL THERAPY AND ITS COMPONENTS IN IMPROVING INSOMNIA SYMPTOMS IN OLDER ADULTS**
O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.
OXFORD UNIV PRESS INC.2021: A144
- **EFFICACY OF CBT-I AND ITS COMPONENTS ON HEALTH-RELATED QUALITY OF LIFE OUTCOMES IN OLDER ADULTS**
Showen, K., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.
OXFORD UNIV PRESS INC.2021: A143-A144

- **Plasma Proteomics to Predict Insulin-mediated Glucose Disposal/Uptake**
Zanetti, D., Gustafsson, S., Lazzeroni, L. C., Walker, M., Lind, L., Petrie, J., Assimes, T. L.
W B SAUNDERS CO-ELSEVIER INC.2021: 41
- **Posttraumatic Stress Disorder-Associated Cognitive Deficits on the Repeatable Battery for the Assessment of Neuropsychological Status in a Veteran Population.** *Federal practitioner : for the health care professionals of the VA, DoD, and PHS*
Hantke, N. n., Adamson, M. M., Noda, A. n., Lazzeroni, L. C., Beaudreau, S. A., Yutsis, M. n., Fairchild, J. K., Kinoshita, L. M., Kong, J. n., Sheng, T. n., Waltzman, D. n., Ashford, J. W., Yesavage, et al
2021; 38 (1): 28–34
- **Heritability of acoustic startle magnitude and latency from the consortium on the genetics of schizophrenia.** *Schizophrenia research*
Greenwood, T. A., Swerdlow, N. R., Sprock, J., Calkins, M. E., Freedman, R., Green, M. F., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Nuechterlein, K. H., Radant, A. D., Silverman, et al
2020
- **Genetic and environmental influences on structural brain measures in twins with autism spectrum disorder** *MOLECULAR PSYCHIATRY*
Hegarty, J. P., Pegoraro, L. L., Lazzeroni, L. C., Raman, M. M., Hallmayer, J. F., Monterrey, J. C., Cleveland, S. C., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2020; 25 (10): 2556–66
- **Default Mode Network Connectivity and Brain Derived Trophic Factor in Brain Stimulation of TBI patients**
Adamson, M., McNerney, M., Siddiqi, S., Swaminath, G., Wu, L., Hernandez, B., Lazzeroni, L., Yesavage, J.
ELSEVIER SCIENCE INC.2020: S158
- **A NOVEL COGNITIVE-BEHAVIORAL THERAPY TO INCREASE PAP ADHERENCE IN VETERANS WITH POSTTRAUMATIC STRESS DISORDER: PRELIMINARY RESULTS**
Kinoshita, L., Blank, E., Chen, M., Doudell, K., Day, Y., Jocson, A., Lazzeroni, L., Noda, A., Hernandez, B., Holty, J., Kuschner, W., Kushida, C., Yaffe, et al
OXFORD UNIV PRESS INC.2020: A249
- **The effects of age and sex on cognitive impairment in schizophrenia: Findings from the Consortium on the Genetics of Schizophrenia (COGS) study.** *PloS one*
Lee, J., Green, M. F., Nuechterlein, K. H., Swerdlow, N. R., Greenwood, T. A., Helleman, G. S., Lazzeroni, L. C., Light, G. A., Radant, A. D., Seidman, L. J., Siever, L. J., Silverman, J. M., Sprock, et al
2020; 15 (5): e0232855
- **Genome-wide association study of cognitive performance in US veterans with schizophrenia or bipolar disorder** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Harvey, P. D., Sun, N., Bigdeli, T. B., Fanous, A. H., Aslan, M., Malhotra, A. K., Lu, Q., Hu, Y., Li, B., Chen, Q., Mane, S., Miller, P., Rajeevan, et al
2019
- **The Effects of Age and Sex on Cognitive Impairment in Schizophrenia: Findings From Cognitive From the Consortium on the Genetics of Schizophrenia (COGS) Study**
Lee, J., Green, M., Nuechterlein, K. H., Swerdlow, N., Greenwood, T., Lazzeroni, L., Light, G., Radant, A. D., Seidman, L., Siever, L., Silverman, J., Sprock, J., Stone, et al
NATURE PUBLISHING GROUP.2019: 343
- **The effect of digital physical activity interventions on daily step count: a randomised controlled crossover substudy of the MyHeart Counts Cardiovascular Health Study.** *The Lancet. Digital health*
Shcherbina, A., Hershman, S. G., Lazzeroni, L., King, A. C., O'Sullivan, J. W., Hekler, E., Moayed, Y., Pavlovic, A., Waggott, D., Sharma, A., Yeung, A., Christle, J. W., Wheeler, et al
2019; 1 (7): e344-e352
- **The effect of digital physical activity interventions on daily step count: a randomised controlled crossover substudy of the MyHeart Counts Cardiovascular Health Study** *LANCET DIGITAL HEALTH*
Shcherbina, A., Hershman, S. G., Lazzeroni, L., King, A. C., O'Sullivan, J. W., Hekler, E., Moayed, Y., Pavlovic, A., Waggott, D., Sharma, A., Yeung, A., Christle, J. W., Wheeler, et al
2019; 1 (7): E344–E352
- **Genetic and environmental influences on corticostriatal circuits in twins with autism** *Journal of psychiatry & neuroscience : JPN*
Hegarty II, J. P., Lazzeroni, L. C., Raman, M. M., Hallmayer, J. F., Cleveland, S. C., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.

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- **Genome-wide Association of Endophenotypes for Schizophrenia From the Consortium on the Genetics of Schizophrenia (COGS) Study.** *JAMA psychiatry*
Greenwood, T. A., Lazzeroni, L. C., Maihofer, A. X., Swerdlow, N. R., Calkins, M. E., Freedman, R., Green, M. F., Light, G. A., Nievergelt, C. M., Nuechterlein, K. H., Radant, A. D., Siever, L. J., Silverman, et al
2019
- **Contributions of common genetic variants to risk of schizophrenia among individuals of African and Latino ancestry.** *Molecular psychiatry*
Bigdeli, T. B., Genovese, G., Georgakopoulos, P., Meyers, J. L., Peterson, R. E., Iyegbe, C. O., Medeiros, H., Valderrama, J., Achtyes, E. D., Kotov, R., Stahl, E. A., Abbott, C., Azevedo, et al
2019
- **Characterization of Pre-Deviant Standard Effects on MMN and P3a in Schizophrenia: Findings From Consortium on the Genetics of Schizophrenia (COGS)**
Joshi, Y., Molina, J., Sharp, R., Light, G., COGS Investigators
ELSEVIER SCIENCE INC.2019: S285
- **Regional Variation in RBM20 Causes a Highly Penetrant Arrhythmogenic Cardiomyopathy** *CIRCULATION-HEART FAILURE*
Parikh, V. N., Caleshu, C., Reuter, C., Lazzeroni, L. C., Ingles, J., Garcia, J., McCaleb, K., Adesiyun, T., Sedaghat-Hamedani, F., Kumar, S., Graw, S., Gigli, M., Stolfo, et al
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- **Nonlinear dynamics underlying sensory processing dysfunction in schizophrenia.** *Proceedings of the National Academy of Sciences of the United States of America*
Lainscsek, C., Sampson, A. L., Kim, R., Thomas, M. L., Man, K., Lainscsek, X., COGS Investigators, Swerdlow, N. R., Braff, D. L., Sejnowski, T. J., Light, G. A., Light, G. A., Swerdlow, N. R., et al
2019; 116 (9): 3847–52
- **Genetic and environmental influences on structural brain measures in twins with autism spectrum disorder.** *Molecular psychiatry*
Hegarty, J. P., Pegoraro, L. F., Lazzeroni, L. C., Raman, M. M., Hallmayer, J. F., Monterrey, J. C., Cleveland, S. C., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2019
- **The effects of repetitive transcranial magnetic stimulation in older adults with mild cognitive impairment: a protocol for a randomized, controlled three-arm trial.** *BMC neurology*
Taylor, J. L., Hambro, B. C., Strossman, N. D., Bhatt, P. n., Hernandez, B. n., Ashford, J. W., Cheng, J. J., Iv, M. n., Adamson, M. M., Lazzeroni, L. C., Mc Nerney, M. W.
2019; 19 (1): 326
- **Genetic and Environmental Influences on Lobar Brain Structures in Twins With Autism.** *Cerebral cortex (New York, N.Y. : 1991)*
Hegarty, J. P., Lazzeroni, L. C., Raman, M. M., Pegoraro, L. F., Monterrey, J. C., Cleveland, S. C., Hallmayer, J. F., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2019
- **Impact of race/ethnicity on insulin resistance and hypertriglyceridaemia.** *Diabetes & vascular disease research*
Raygor, V. n., Abbasi, F. n., Lazzeroni, L. C., Kim, S. n., Ingelsson, E. n., Reaven, G. M., Knowles, J. W.
2019; 16 (2): 153–59
- **The Myheart Counts Cardiovascular Health Study: A Randomized Controlled Trial of Digital Health Coaching for Physical Activity Promotion**
Shcherbina, A., Hershman, S., King, A. C., Hekler, E., Pavlovic, A., Waggott, D., McConnell, M. V., Ashley, E. A., Harrington, R. A.
LIPPINCOTT WILLIAMS & WILKINS.2018: E767
- **Regional Variation in RBM20 Causes a Highly Penetrant Arrhythmogenic Cardiomyopathy.**
Parikh, V. N., Caleshu, C., Reuter, C., Lazzeroni, L., Ingles, J., Kumar, S., Garcia, J., McCaleb, K., Adesiyun, T., Dedaghat-Hamedani, F., Graw, S., Gigli, M., Stolfo, et al
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Deficient prepulse inhibition in schizophrenia in a multi-site cohort: Internal replication and extension** *SCHIZOPHRENIA RESEARCH*
Swerdlow, N. R., Light, G. A., Thomas, M. L., Sprock, J., Calkins, M. E., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Radant, A. D., Seidman, et al

2018; 198: 6–15

- **Genome-Wide Association of Endophenotypes for Schizophrenia From the Consortium On the Genetics of Schizophrenia (COGS) Study**
Greenwood, T., Lazzeroni, L., Calkins, M., Freedman, R., Green, M., Gur, R., Gur, R., Light, G., Nuechterlein, K., Olincy, A., Radant, A., Seidman, L., Siever, et al
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- **Genome-Wide Association of Endophenotypes for Schizophrenia From the Consortium on the Genetics of Schizophrenia (COGS) Study**
Greenwood, T., Lazzeroni, L., Calkins, M. E., Freedman, R., Green, M. F., Gur, R. E., Gur, R. C., Light, G., Nuechterlein, K., Olincy, A., Radant, A., Seidman, L., Siever, et al
ELSEVIER SCIENCE INC.2018: S44
- **History of Cannabis Use is Associated With Greater Impairment in Neurophysiological, Clinical and Functional Measures in Schizophrenia Patients**
Molina, J., Swerdlow, N. R., Joshi, Y. B., Thomas, M. L., Sprock, J., Calkins, M. E., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Radant, et al
NATURE PUBLISHING GROUP.2017: S423–S424
- **Genome-Wide Association of Endophenotypes for Schizophrenia**
Greenwood, T., Lazzeroni, L., Calkins, M., Freedman, R., Green, M., Gur, R., Gur, R., Light, G., Nuechterlein, K., Olincy, A., Radant, A., Seidman, L., Siever, et al
NATURE PUBLISHING GROUP.2017: S433
- **Deficient prepulse inhibition in schizophrenia in a multi-site cohort: Internal replication and extension.** *Schizophrenia research*
Swerdlow, N. R., Light, G. A., Thomas, M. L., Sprock, J., Calkins, M. E., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Radant, A. D., Seidman, et al
2017
- **Results from a clinical yoga program for veterans: yoga via telehealth provides comparable satisfaction and health improvements to in-person yoga** *BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE*
Schulz-Heik, R. J., Meyer, H., Mahoney, L., Stanton, M. V., Cho, R. H., Moore-Downing, D. P., Avery, T. J., Lazzeroni, L. C., Varni, J. M., Collery, L. M., Bayley, P. J.
2017; 17
- **HPA axis in major depression: cortisol, clinical symptomatology and genetic variation predict cognition** *MOLECULAR PSYCHIATRY*
Keller, J., Gomez, R., Williams, G., Lembke, A., Lazzeroni, L., urphy, G. M., Schatzberg, A. F.
2017; 22 (4): 527-536
- **Volume of subclinical embolic infarct correlates to long-term cognitive changes after carotid revascularization.** *Journal of vascular surgery*
Zhou, W., Baughman, B. D., Soman, S., Wintermark, M., Lazzeroni, L. C., Hitchner, E., Bhat, J., Rosen, A.
2017; 65 (3): 686-694
- **Incidental brain MRI findings in an autism twin study.** *Autism research*
Monterrey, J. C., Phillips, J., Cleveland, S., Tanaka, S., Barnes, P., Hallmayer, J. F., Reiss, A. L., Lazzeroni, L. C., Hardan, A. Y.
2017; 10 (1): 113-120
- **A proton MR spectroscopy study of the thalamus in twins with autism spectrum disorder.** *Progress in neuro-psychopharmacology & biological psychiatry*
Hegarty, J. P., Gu, M. n., Spielman, D. M., Cleveland, S. C., Hallmayer, J. F., Lazzeroni, L. C., Raman, M. M., Frazier, T. W., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2017
- **EHRs and RCTs: Outcome Predictions vs. Optimal Treatment Selection** *Statistical Thinking* <http://www.fharrell.com/2017/06/ehrs-and-rcts-outcome-prediction-vs.html> (blog article)
Harrell, F., Lazzeroni, L. C.
2017
- **Modeling Deficits From Early Auditory Information Processing to Psychosocial Functioning in Schizophrenia** *JAMA PSYCHIATRY*
Thomas, M. L., Green, M. F., Hellemann, G., Sugar, C. A., Tarasenko, M., Calkins, M. E., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Radant, A. D., Seidman, et al
2017; 74 (1): 37-46

- **THALAMIC METABOLITE LEVELS AND SENSORY PROCESSING IN TWINS WITH AUTISM SPECTRUM DISORDER**
Hegarty, J. P., Gu, M., Spielman, D., Cleveland, S., Hallmayer, J. J., Lazzeroni, L. C., Raman, M., Monterrey, J., Frazier, T., Phillips, J. M., Reiss, A. L., Hardan, A.
ELSEVIER SCIENCE INC.2016: S102
- **Principal components analysis of agitation outcomes in Alzheimer's disease** *JOURNAL OF PSYCHIATRIC RESEARCH*
Yesavage, J. A., Taylor, J. L., Friedman, L., Rosenberg, P. B., Lazzeroni, L. C., Leoutsakos, J. S., Kinoshita, L. M., Perlow, M. J., Munro, C. A., Devanand, D. P., Drye, L. T., Mintzer, J. E., Pollock, et al
2016; 79: 4-7
- **Prioritizing schizophrenia endophenotypes for future genetic studies: An example using data from the COGS-1 family study** *SCHIZOPHRENIA RESEARCH*
Millard, S. P., Shofer, J., Braff, D., Calkins, M., Cadenhead, K., Freedman, R., Green, M. F., Greenwood, T. A., Gur, R., Gur, R., Lazzeroni, L. C., Light, G. A., Olincy, et al
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