

Stanford

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
- Professor (Research) (By courtesy), Biomedical Data Science
- 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)
- Genomics Advisory Panel, Stanford University School of Medicine (2017 - present)
- Associate Editor, Statistical Applications in Genetics and Molecular Biology (2002 - 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.

PROJECTS

- Integrating MultiOmic Data in Coronary Heart Disease: A Pilot Study for New Statistical Methods - Stanford Cardiovascular Institute

Publications

PUBLICATIONS

- **Modifying the Emotion Regulation Brain Network in Depression: Mechanistic Insights From a Clinical Trial of Cognitive-Behavioral Therapy for Insomnia**
Krause, A., Izabel, S., Osorno, R., Solomon, N., Ahmadi, M., Lam, P., Magana, O., Blozyte, E., Cirelli, A., Harris, L., Bernert, R., Williams, L., Gross, et al
SPRINGERNATURE.2023: 208-209

- **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., Oppedo, 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
- **ADULTS WITH AND WITHOUT MILD COGNITIVE IMPAIRMENT SHOW SIMILAR TREATMENT ADHERENCE AND SLEEP IMPROVEMENT AFTER INSOMNIA THERAPY**
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.2023
- **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
- **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*
Trubetsky, 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., McNeerney, 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., Kushner, 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., Moayedi, 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., Moayedi, 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.
2019; 44 (6): 190030

- **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
2019; 12 (3)
- **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., McNERNEY, 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
ELSEVIER SCIENCE INC.2018: S428–S429
- **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., Coltery, 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., Philips, 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., Helleman, 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
2016; 174 (1-3): 1-9
 - **Gating Deficit Heritability and Correlation With Increased Clinical Severity in Schizophrenia Patients With Positive Family History.** *American journal of psychiatry*
Greenwood, T. A., Light, G. A., Swerdlow, N. R., Calkins, M. E., Green, M. F., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Olincy, A., Radant, A. D., Seidman, L. J., Siever, et al
2016; 173 (4): 385-391
 - **Solutions for quantifying P-value uncertainty and replication power.** *Nature methods*
Lazzeroni, L. C., Lu, Y., Belitskaya-Lévy, I.
2016; 13 (2): 107-108
 - **Genetic assessment of additional endophenotypes from the Consortium on the Genetics of Schizophrenia Family Study** *SCHIZOPHRENIA RESEARCH*
Greenwood, T. A., Lazzeroni, L. C., Calkins, M. E., Freedman, R., Green, M. F., Gur, R. E., Gur, R. C., Light, G. A., Nuechterlein, K. H., Olincy, A., Radant, A. D., Seidman, L. J., Siever, et al
2016; 170 (1): 30-40
 - **Genetic Variation in the IL-6 and HLA-DQB1 Genes Is Associated with Spontaneous Clearance of Hepatitis C Virus Infection** *JOURNAL OF IMMUNOLOGY RESEARCH*
Waldron, P. R., Belitskaya-Levy, I., Chary, A., Won, J., Winters, M., Monto, A., Ryan, J., Lazzeroni, L. C., Holodniy, M.
2016
 - **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. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Olincy, et al
2016; in press
 - **Response to Transdermal Selegiline Smoking Cessation Therapy and Markers in the 15q24 Chromosomal Region.** *Nicotine & tobacco research*
Sarginson, J. E., Killen, J. D., Lazzeroni, L. C., Fortmann, S. P., Ryan, H. S., Ameli, N., Schatzberg, A. F., Murphy, G. M.
2015; 17 (9): 1126-1133
 - **The STEP model: Characterizing simultaneous time effects on practice for flight simulator performance among middle-aged and older pilots.** *Psychology and aging*
Kennedy, Q., Taylor, J., Noda, A., Yesavage, J., Lazzeroni, L. C.
2015; 30 (3): 699-711
 - **The STEP Model: Characterizing Simultaneous Time Effects on Practice for Flight Simulator Performance Among Middle-Aged and Older Pilots** *PSYCHOLOGY AND AGING*
Kennedy, Q., Taylor, J., Noda, A., Yesavage, J., Lazzeroni, L. C.
2015; 30 (3): 699-711
 - **ABC1 (MDR1) predicts remission on P-gp substrates in chronic depression** *PHARMACOGENOMICS JOURNAL*
Ray, A., Tennakoon, L., Keller, J., Sarginson, J. E., Ryan, H. S., Murphy, G. M., Lazzeroni, L. C., Trivedi, M. H., Kocsis, J. H., Debattista, C., Schatzberg, A. F.
2015; 15 (4): 332-339
 - **ABC1 Genetic Effects on Antidepressant Outcomes: A Report From the iSPOT-D Trial** *AMERICAN JOURNAL OF PSYCHIATRY*
Schatzberg, A. F., DeBattista, C., Lazzeroni, L. C., Etkin, A., Murphy, G. M., Williams, L. M.
2015; 172 (8): 751-759
 - **The utility of P300 as a schizophrenia endophenotype and predictive biomarker: Clinical and socio-demographic modulators in COGS-2** *SCHIZOPHRENIA RESEARCH*
Turetsky, B. I., Dress, E. M., Braff, D. L., 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, L. J., Siever, et al

2015; 163 (1-3): 53-62

- **Neurocognitive performance in family-based and case-control studies of schizophrenia** *SCHIZOPHRENIA RESEARCH*
Gur, R. C., Braff, D. L., Calkins, M. E., Dobie, D. J., Freedman, R., Green, M. F., Greenwood, T. A., Lazzeroni, L. C., Light, G. A., Nuechterlein, K. H., Olincy, A., Radant, A. D., Seidman, et al
2015; 163 (1-3): 17-23
- **Attention/vigilance in schizophrenia: Performance results from a large multi-site study of the Consortium on the Genetics of Schizophrenia (COGS)** *SCHIZOPHRENIA RESEARCH*
Nuechterlein, K. H., Green, M. F., Calkins, M. E., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Radant, A. D., Seidman, L. J., Siever, L. J., Silverman, J. M., Sprock, et al
2015; 163 (1-3): 38-46
- **Factor structure and heritability of endophenotypes in schizophrenia: Findings from the Consortium on the Genetics of Schizophrenia (COGS-1)** *SCHIZOPHRENIA RESEARCH*
Seidman, L. J., Helleman, G., Nuechterlein, K. H., Greenwood, T. A., Braff, D. L., Cadenhead, K. S., Calkins, M. E., Freedman, R., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Olincy, et al
2015; 163 (1-3): 73-79
- **Robust differences in antisaccade performance exist between COGS schizophrenia cases and controls regardless of recruitment strategies** *SCHIZOPHRENIA RESEARCH*
Radant, A. D., Millard, S. P., Braff, D. L., Calkins, M. E., Dobie, D. J., Freedman, R., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Meichle, et al
2015; 163 (1-3): 47-52
- **California Verbal Learning Test-II performance in schizophrenia as a function of ascertainment strategy: Comparing the first and second phases of the Consortium on the Genetics of Schizophrenia (COGS)** *SCHIZOPHRENIA RESEARCH*
Stone, W. S., Mesholam-Gately, R. I., Braff, D. L., Calkins, M. E., Freedman, R., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Nuechterlein, K. H., Olincy, et al
2015; 163 (1-3): 32-37
- **Validation of mismatch negativity and P3a for use in multi-site studies of schizophrenia: Characterization of demographic, clinical, cognitive, and functional correlates in COGS-2** *SCHIZOPHRENIA RESEARCH*
Light, G. A., Swerdlow, N. R., Thomas, M. L., Calkins, M. E., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Pela, M., Radant, A. D., Seidman, et al
2015; 163 (1-3): 63-72
- **Verbal working memory in schizophrenia from the Consortium on the Genetics of Schizophrenia (COGS) Study: The moderating role of smoking status and antipsychotic medications** *SCHIZOPHRENIA RESEARCH*
Lee, J., Green, M. F., Calkins, M. E., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Nuechterlein, K. H., Radant, A. D., Seidman, L. J., Siever, L. J., Silverman, et al
2015; 163 (1-3): 24-31
- **GENETIC ASSESSMENT OF CANDIDATE ENDOPHENOTYPES FROM THE CONSORTIUM ON THE GENETICS OF SCHIZOPHRENIA FAMILY STUDY** *15th International Congress on Schizophrenia Research (ICOSR)*
Greenwood, T. A., Lazzeroni, L. C., Calkins, M. E., Freedman, R., Green, M. F., Gur, R. E., Gur, R. C., Light, G. A., Nuechterlein, K. H., Olincy, A., Radant, A. D., Seidman, L. J., Siever, et al
OXFORD UNIV PRESS.2015: S203-S203
- **Findings from the National Memory Screening Day Program** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*
Bayley, P. J., Kong, J. Y., Mendiondo, M., Lazzeroni, L. C., Borson, S., Buschke, H., Dean, M., Fillit, H., Frank, L., Schmitt, F. A., Peschin, S., Finkel, S., Austen, et al
2015; 63 (2): 309-314
- **Verbal working memory in schizophrenia from the Consortium on the Genetics of Schizophrenia (COGS) study: The moderating role of smoking status and antipsychotic medications** *Schizophrenia Research*
Lee, J., Green, M. F., Calkins, M. E., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Nuechterlein, K. H., Radant, A. D., Seidman, L. J., Siever, L. J., Silverman, et al
2015; in press
- **Robust differences in antisaccade performance exist between COGS schizophrenia cases and controls regardless of recruitment strategies** *Schizophrenia Research*

- Radant, A. D., Millard, S. P., Braff, D., Calkins, M. E., Dobie, D. J., Freedman, R., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Light, G. A., Meichle, et al
2015; in press
- **The utility of P300 as a schizophrenia endophenotype and predictive biomarker: Clinical and socio-demographic modulators in COGS-2** *Schizophrenia Research*
Turetsky, B. I., Dress, E. M., Braff, D. L., 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, L. J., Siever, et al
2015; in press
 - **ABC1 (MDR1) predicts remission on P-gp substrates in chronic depression.** *The pharmacogenomics journal*
Ray, A., Tennakoon, L., Keller, J., Sarginson, J. E., Ryan, H. S., Murphy, G. M., Lazzeroni, L. C., Trivedi, M. H., Kocsis, J. H., DeBattista, C., Schatzberg, A. F.
2014
 - **P-values in genomics: Apparent precision masks high uncertainty** *MOLECULAR PSYCHIATRY*
Lazzeroni, L. C., Lu, Y., Belitskaya-Levy, I.
2014; 19 (12): 1336-1340
 - **The Utility of P300 as a Schizophrenia Endophenotype and Predictive Biomarker: Clinical and Socio-demographic Modulators in COGS-2** *53rd Annual Meeting of the American-College-of-Neuropsychopharmacology (ACNP)*
Turetsky, B., Dress, E., Braff, D., Calkins, M., Green, M., Greenwood, T., Gur, R., Gur, R., Lazzeroni, L., Nuechterlein, K., Radant, A., Seidman, L., Siever, et al
NATURE PUBLISHING GROUP.2014: S507-S508
 - **Gating Deficits Are More Heritable and Correlate with Increased Clinical Severity in Multiplex vs. Simplex Families with Schizophrenia** *53rd Annual Meeting of the American-College-of-Neuropsychopharmacology (ACNP)*
Greenwood, T., Light, G., Swerdlow, N., Calkins, M., Green, M., Gur, R., Lazzeroni, L., Nuechterlein, K., Olincy, A., Radant, A., Seidman, L., Siever, L., Silverman, et al
NATURE PUBLISHING GROUP.2014: S430-S431
 - **Comparison of the heritability of schizophrenia and endophenotypes in the COGS-1 family study.** *Schizophrenia bulletin*
Light, G., Greenwood, T. A., Swerdlow, N. R., Calkins, M. E., Freedman, R., Green, M. F., Gur, R. E., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Olincy, A., Radant, A. D., Seidman, et al
2014; 40 (6): 1404-1411
 - **HPA axis genetic variation, cortisol and psychosis in major depression (vol 19, pg 220, 2014)** *MOLECULAR PSYCHIATRY*
Schatzberg, A. F., Keller, J., Tennakoon, L., Lembke, A., Williams, G., Kraemer, F. B., Sarginson, J. E., Lazzeroni, L. C., Murphy, G. M.
2014; 19 (10): 1151
 - **Paternal age of schizophrenia probands and endophenotypic differences from unaffected siblings.** *Psychiatry research*
Schmeidler, J., Lazzeroni, L. C., Swerdlow, N. R., Ferreira, R. P., Braff, D. L., Calkins, M. E., Cadenhead, K. S., Freedman, R., Green, M. F., Greenwood, T. A., Gur, R. E., Gur, R. C., Light, et al
2014; 219 (1): 67-71
 - **Aberrant parietal cortex developmental trajectories in girls with Turner syndrome and related visual-spatial cognitive development: a preliminary study.** *American journal of medical genetics. Part B, Neuropsychiatric genetics : the official publication of the International Society of Psychiatric Genetics*
Green, T., Chromik, L. C., Mazaika, P. K., Fierro, K., Raman, M. M., Lazzeroni, L. C., Hong, D. S., Reiss, A. L.
2014; 165B (6): 531-540
 - **Age-related atrophy of white matter tracts in veterans**
Adamson, M., Main, K., Kong, J., Noda, A., Hernandez, B., Taylor, J., Lazzeroni, L., Ashford, J., Bayley, P.
INFORMA HEALTHCARE.2014: 612-13
 - **Aberrant Parietal Cortex Developmental Trajectories in Girls with Turner Syndrome and Related Visual-Spatial Cognitive Development: A Preliminary Study** *69th Annual Scientific Convention and Meeting of the Society-of-Biological-Psychiatry*
Green, T., Chromik, L. C., Mazaika, P. K., Fierro, K., Raman, M. M., Lazzeroni, L., Hong, D. S., Reiss, A. L.
ELSEVIER SCIENCE INC.2014: 346S-346S
 - **Serotonin transporter polymorphism is associated with increased apnea-hypopnea index in older adults.** *International journal of geriatric psychiatry*
Schröder, C. M., Primeau, M. M., Hallmayer, J. F., Lazzeroni, L. C., Hubbard, J. T., O'Hara, R.
2014; 29 (3): 227-235

- **HPA axis genetic variation, cortisol and psychosis in major depression.** *Molecular psychiatry*
Schatzberg, A. F., Keller, J., Tennakoon, L., Lembke, A., Williams, G., Kraemer, F. B., Sarginson, J. E., Lazzeroni, L. C., Murphy, G. M.
2014; 19 (2): 220-227
- **Deficient prepulse inhibition in schizophrenia detected by the multi-site COGS.** *Schizophrenia research*
Swerdlow, N. R., Light, G. A., 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., Ray, A., Seidman, et al
2014; 152 (2-3): 503-512
- **Evaluating the evidence for replication of genetic associations with schizophrenia** *JAMA Psychiatry*
Lazzeroni, L. C.
2014; in press
- **Effects of body mass index-related disorders on cognition: preliminary results** *DIABETES METABOLIC SYNDROME AND OBESITY-TARGETS AND THERAPY*
Yesavage, J. A., Kinoshita, L. M., Noda, A., Lazzeroni, L. C., Fairchild, J., Taylor, J., Kulick, D., Friedman, L., Cheng, J., Zeitzer, J. M., O'Hara, R.
2014; 7: 145-51
- **Longitudinal assessment of sleep disordered breathing in Vietnam veterans with post-traumatic stress disorder** *NATURE AND SCIENCE OF SLEEP*
Yesavage, J. A., Kinoshita, L. M., Noda, A., Lazzeroni, L. C., Fairchild, J., Friedman, L., Sekhon, G., Thompson, S., Cheng, J., Zeitzer, J. M.
2014; 6: 123-27
- **Paternal age of schizophrenia probands and endophenotypic differences from unaffected siblings** *Psychiatry Research*
Schmeidler, J., Lazzeroni, L. C., Ferreira, R., Braff, D., Calkins, M., Cadenhead, K., Freedman, R., Green, M. F., Greenwood, T., Gur, R., Horan, W., Light, G., Olincy, et al
2014; in press
- **Comparison of the heritability of schizophrenia and endophenotypes in the COGS-1 family study** *Schizophrenia Bulletin*
Light, G., Greenwood, T., Swerdlow, N., Calkins, M., Freedman, R., Green, M., Gur, R., Gur, R., Lazzeroni, L., Nuechterlein, K., Olincy, A., Radant, A., Seidman, et al
2014; in press
- **Evaluating the evidence of replication for genetic associations with schizophrenia.** *JAMA psychiatry*
Lazzeroni, L. C.
2014; 71 (1): 94-95
- **Is There an Association between Advanced Paternal Age and Endophenotype Deficit Levels in Schizophrenia?** *PloS one*
Tsuang, D., Esterberg, M., Braff, D., Calkins, M., Cadenhead, K., Dobie, D., Freedman, R., Green, M. F., Greenwood, T., Gur, R., Gur, R., Horan, W., Lazzeroni, et al
2014; 9 (2)
- **Spatial and temporal mapping of de novo mutations in schizophrenia to a fetal prefrontal cortical network.** *Cell*
Gulsuner, S., Walsh, T., Watts, A. C., Lee, M. K., Thornton, A. M., Casadei, S., Rippey, C., Shahin, H., Nimgaonkar, V. L., Go, R. C., Savage, R. M., Swerdlow, N. R., Gur, et al
2013; 154 (3): 518-529
- **A Genome-Wide Association Study (GWAS) for Bronchopulmonary Dysplasia.** *Pediatrics*
Wang, H., St Julien, K. R., Stevenson, D. K., Hoffmann, T. J., Witte, J. S., Lazzeroni, L. C., Krasnow, M. A., Quintance, C. C., Oehlert, J. W., Jelliffe-Pawlowski, L. L., Gould, J. B., Shaw, G. M., O'Brodovich, et al
2013; 132 (2): 290-297
- **Neuropsychiatric symptoms, apolipoprotein E gene, and risk of progression to cognitive impairment, no dementia and dementia: the Aging, Demographics, and Memory Study (ADAMS).** *International journal of geriatric psychiatry*
Beaudreau, S. A., Kaci Fairchild, J., Spira, A. P., Lazzeroni, L. C., O'Hara, R.
2013; 28 (7): 672-680
- **Intraindividual variability in basic reaction time predicts middle-aged and older pilots' flight simulator performance.** *journals of gerontology. Series B, Psychological sciences and social sciences*
Kennedy, Q., Taylor, J., Heraldez, D., Noda, A., Lazzeroni, L. C., Yesavage, J.
2013; 68 (4): 487-494

- **BDNF and CREB1 genetic variants interact to affect antidepressant treatment outcomes in geriatric depression.** *Pharmacogenetics and genomics*
Murphy, G. M., Sarginson, J. E., Ryan, H. S., O'Hara, R., Schatzberg, A. F., Lazzeroni, L. C.
2013; 23 (6): 301-313
- **Sex differences in familiarity effects on neurocognitive performance in schizophrenia.** *Biological psychiatry*
Calkins, M. E., Ray, A., Gur, R. C., Freedman, R., Green, M. F., Greenwood, T. A., Light, G. A., Nuechterlein, K. H., Olincy, A., Radant, A. D., Seidman, L. J., Siever, L. J., Silverman, et al
2013; 73 (10): 976-984
- **Genome-wide linkage analyses of 12 endophenotypes for schizophrenia from the consortium on the genetics of schizophrenia.** *American journal of psychiatry*
Greenwood, T. A., Swerdlow, N. R., Gur, R. E., Cadenhead, K. S., Calkins, M. E., Dobie, D. J., Freedman, R., Green, M. F., Gur, R. C., Lazzeroni, L. C., Nuechterlein, K. H., Olincy, A., Radant, et al
2013; 170 (5): 521-532
- **Structural MRI Investigations in Twins with Autism** *68th Annual Scientific Meeting of the Society-of-Biological-Psychiatry*
Hardan, A. Y., Hallmayer, J., Lazzeroni, L., Berquist, S., Raman, M. R., Patnaik, S., Phillips, J., Reiss, A. L., Cleveland, S.
ELSEVIER SCIENCE INC.2013: 88S–88S
- **Predischarge screening for severe neonatal hyperbilirubinemia identifies infants who need phototherapy.** *journal of pediatrics*
Bhutani, V. K., Stark, A. R., Lazzeroni, L. C., Poland, R., Gourley, G. R., Kazmierczak, S., Meloy, L., Burgos, A. E., Hall, J. Y., Stevenson, D. K.
2013; 162 (3): 477-482 e1
- **Memantine is Associated with Longer Survival than Donepezil in a Veterans Affairs Prescription Database, 1997 to 2008** *JOURNAL OF ALZHEIMERS DISEASE*
Lazzeroni, L. C., Halbauer, J. D., Ashford, J. W., Noda, A., Hernandez, B., Azor, V., Hozack, N., Hasson, N., Henderson, V. W., Yesavage, J. A., Tinklenberg, J. R.
2013; 36 (4): 791-798
- **High Quality Genome-Wide Genotyping from Archived Dried Blood Spots without DNA Amplification.** *PloS one*
St Julien, K. R., Jelliffe-Pawlowski, L. L., Shaw, G. M., Stevenson, D. K., O'Brodovich, H. M., Krasnow, M. A.
2013; 8 (5): e64710
- **High quality genome-wide genotyping from archived dried blood spots without DNA amplification.** *PloS one*
St Julien, K. R., Jelliffe-Pawlowski, L. L., Shaw, G. M., Stevenson, D. K., O'Brodovich, H. M., Krasnow, M. A.
2013; 8 (5)
- **Immune biomarker differences and changes comparing HCV mono-infected, HIV/HCV co-infected, and HCV spontaneously cleared patients.** *PloS one*
Kushner, L. E., Wendelboe, A. M., Lazzeroni, L. C., Chary, A., Winters, M. A., Osinusi, A., Kottlil, S., Polis, M. A., Holodniy, M.
2013; 8 (4)
- **A Generalized Defries-Fulker Regression Framework for the Analysis of Twin Data** *BEHAVIOR GENETICS*
Lazzeroni, L. C., Ray, A.
2013; 43 (1): 85-96
- **Refining Association Mapping in a Heterogeneous Population** *Annual Meeting of the International-Genetic-Epidemiology-Society (IGES)*
Ray, A., Lazzeroni, L. C.
WILEY-BLACKWELL.2012: 726–27
- **An Empirical Bayes Method for Unified Association Analysis of a Gene, Region or Pathway Containing Multiple SNPs** *Annual Meeting of the International-Genetic-Epidemiology-Society (IGES)*
Lazzeroni, L. C., Ray, A.
WILEY-BLACKWELL.2012: 762–63
- **Combinatorial Pharmacogenetic Interactions of Bucindolol and beta(1), alpha(2C) Adrenergic Receptor Polymorphisms** *PLOS ONE*
O'Connor, C. M., Fiuzat, M., Carson, P. E., Anand, I. S., Plehn, J. F., Gottlieb, S. S., Silver, M. A., Lindenfeld, J., Miller, A. B., White, M., Walsh, R., Nelson, P., Medway, et al
2012; 7 (10)
- **Aversive and Reinforcing Opioid Effects A Pharmacogenomic Twin Study** *ANESTHESIOLOGY*
Angst, M. S., Lazzeroni, L. C., Phillips, N. G., Drover, D. R., Tingle, M., Ray, A., Swan, G. E., Clark, J. D.

2012; 117 (1): 22-37

- **Pain sensitivity and opioid analgesia: A pharmacogenomic twin study** *PAIN*
Angst, M. S., Phillips, N. G., Drover, D. R., Tingle, M., Ray, A., Swan, G. E., Lazzeroni, L. C., Clark, J. D.
2012; 153 (7): 1397-1409
- **Integrative Approach to Pain Genetics Identifies Pain Sensitivity Loci across Diseases** *PLOS COMPUTATIONAL BIOLOGY*
Ruau, D., Dudley, J. T., Chen, R., Phillips, N. G., Swan, G. E., Lazzeroni, L. C., Clark, J. D., Butte, A. J., Angst, M. S.
2012; 8 (6)
- **Neuroanatomical Similarities and Differences in Twin Pairs with Autism** *67th Annual Meeting of the Society-of-Biological-Psychiatry*
Harden, A. Y., Hallmayer, J., Frazier, T., Lazzeroni, L., Reiss, A.
ELSEVIER SCIENCE INC.2012: 188S-188S
- **The cost of large numbers of hypothesis tests on power, effect size and sample size** *MOLECULAR PSYCHIATRY*
Lazzeroni, L. C., Ray, A.
2012; 17 (1): 108-114
- **Length of prenatal exposure to selective serotonin reuptake inhibitor (SSRI) antidepressants: effects on neonatal adaptation and psychomotor development** *PSYCHOPHARMACOLOGY*
Casper, R. C., Gilles, A. A., Fleisher, B. E., Baran, J., Enns, G., Lazzeroni, L. C.
2011; 217 (2): 211-219
- **Analysis of 94 Candidate Genes and 12 Endophenotypes for Schizophrenia From the Consortium on the Genetics of Schizophrenia** *AMERICAN JOURNAL OF PSYCHIATRY*
Greenwood, T. A., Lazzeroni, L. C., Murray, S. S., Cadenhead, K. S., Calkins, M. E., Dobie, D. J., Green, M. F., Gur, R. E., Gur, R. C., Hardiman, G., Kelsø, J. R., Leonard, S., Light, et al
2011; 168 (9): 930-946
- **Influences of APOE epsilon 4 and Expertise on Performance of Older Pilots** *PSYCHOLOGY AND AGING*
Taylor, J. L., Kennedy, Q., Adamson, M. M., Lazzeroni, L. C., Noda, A., Murphy, G. M., Yesavage, J. A.
2011; 26 (2): 480-487
- **Markers in the 15q24 Nicotinic Receptor Subunit Gene Cluster (CHRNA5-A3-B4) Predict Severity of Nicotine Addiction and Response to Smoking Cessation Therapy** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Sarginson, J. E., Killen, J. D., Lazzeroni, L. C., Fortmann, S. P., Ryan, H. S., Schatzberg, A. F., Murphy, G. M.
2011; 156B (3): 275-284
- **Analysis of 94 candidate genes and twelve endophenotypes for schizophrenia from the Consortium on the Genetics of Schizophrenia** *American Journal of Psychiatry*
Greenwood TA, Lazzeroni LC, Cadenhead KS, Calkins ME, Dobie DJ, Freedman R, Green MF, Gur RE, Kelsøe JR et al.
2011; in press
- **Opioid Pharmacogenomics Using a Twin Study Paradigm: Methods and Procedures for Determining Familial Aggregation and Heritability** *TWIN RESEARCH AND HUMAN GENETICS*
Angst, M. S., Phillips, N. G., Drover, D. R., Tingle, M., Galinkin, J. L., Christians, U., Swan, G. E., Lazzeroni, L. C., Clark, J. D.
2010; 13 (5): 412-425
- **Keratin Variants Predispose to Acute Liver Failure and Adverse Outcome: Race and Ethnic Associations** *GASTROENTEROLOGY*
Strnad, P., Zhou, Q., Hanada, S., Lazzeroni, L. C., Zhong, B. H., So, P., Davern, T. J., Lee, W. M., Omary, M. B.
2010; 139 (3): 828-U175
- **ABC1 (MDR1) polymorphisms and antidepressant response in geriatric depression** *PHARMACOGENETICS AND GENOMICS*
Sarginson, J. E., Lazzeroni, L. C., Ryan, H. S., Ershoff, B. D., Schatzberg, A. F., Murphy, G. M.
2010; 20 (8): 467-475
- **FKBP5 Polymorphisms and Antidepressant Response in Geriatric Depression** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Sarginson, J. E., Lazzeroni, L. C., Ryan, H. S., Schatzberg, A. F., Murphy, G. M.
2010; 153B (2): 554-560

- **An alpha(2C)-Adrenergic Receptor Polymorphism Alters the Norepinephrine-Lowering Effects and Therapeutic Response of the beta-Blocker Bucindolol in Chronic Heart Failure** *CIRCULATION-HEART FAILURE*
Bristow, M. R., Murphy, G. A., Krause-Steinrauf, H., Anderson, J. L., Carlquist, J. F., Thaneemit-Chen, S., Krishnan, V., Abraham, W. T., Lowes, B. D., Port, J. D., Davis, G. W., Lazzeroni, L. C., Robertson, et al
2010; 3 (1): 21-28
- **immunological response in normal healthy twins across age** *BCB'10 Proceedings of the First ACM International Conference on Bioinformatics and Computational Biology*
Bhattacharya, S., Shen-Orr, S., Maecker, H., Lazzeroni, L., Swan, G. E., Clark, J. D., Angst, M. S., Butte, A. J., Davis, M. M.
2010
- **A randomized trial of computer-based reminders and audit and feedback to improve HIV screening in a primary care setting** *INTERNATIONAL JOURNAL OF STD & AIDS*
Sundaram, V., Lazzeroni, L. C., Douglass, L. R., Sanders, G. D., Tempio, P., Owens, D. K.
2009; 20 (8): 527-533
- **Identification of a Major Susceptibility Locus for Lethal Graft-versus-Host Disease in MHC-Matched Mice** *JOURNAL OF IMMUNOLOGY*
Cao, T. M., Lazzeroni, L. C., Tsai, S., Pang, W. W., Kao, A., Camp, N. J., Thomas, A., Shizuru, J. A.
2009; 183 (1): 462-469
- **Trends in US Autism Research Funding** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Singh, J., Illes, J., Lazzeroni, L., Hallmayer, J.
2009; 39 (5): 788-795
- **Gene expression profile of the PDAPP mouse model for Alzheimer's disease with and without Apolipoprotein E** *NEUROBIOLOGY OF AGING*
Selwood, S. P., Parvathy, S., Cordell, B., Ryan, H. S., Oshidari, F., Vincent, V., Yesavage, J., Lazzeroni, L. C., Murphy, G. M.
2009; 30 (4): 574-590
- **Purified hematopoietic stem cell allografts reconstitute immunity superior to bone marrow** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Tsao, G. J., Allen, J. A., Logronio, K. A., Lazzeroni, L. C., Shizuru, J. A.
2009; 106 (9): 3288-3293
- **Cognitive effects of memantine in postmenopausal women at risk of dementia: a pilot study** *ACTA NEUROLOGICA SCANDINAVICA*
Wroolie, T. E., Kenna, H. A., Williams, K. E., Powers, B. N., Holcomb, M., Lazzeroni, L., Rasgon, N. L.
2009; 119 (3): 172-179
- **ADVANCES IN STATISTICAL GENETICS: APPLICATION TO SCHIZOPHRENIA AND RELATED NEUROPSYCHIATRIC DISORDERS** *12th International Congress on Schizophrenia Research*
Schork, N., Lazzeroni, L.
OXFORD UNIV PRESS.2009: 100-101
- **Physiological Correlates of Social Avoidance Behavior in Children and Adolescents With Fragile X Syndrome** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Hall, S. S., Lightbody, A. A., Huffman, L. C., Lazzeroni, L. C., Reiss, A. L.
2009; 48 (3): 320-329
- **Pharmacogenetic effect of an endothelin-1 haplotype on response to bucindolol therapy in chronic heart failure** *PHARMACOGENETICS AND GENOMICS*
Taylor, M. R., Slavov, D., Humphrey, K., Zhao, L., Cockroft, J., Zhu, X., Lavori, P., Bristow, M. R., Mestroni, L., Lazzeroni, L. C.
2009; 19 (1): 35-43
- **Effect of the MTHFR C677T and A1298C polymorphisms on survival in patients with advanced CKD and ESRD: a prospective study.** *Am J Kidney Dis.*
Jamison, R. L., Shih, M. C., Humphries, D. E., Guarino, P. D., Kaufman, J. S., Goldfarb, D. S., Warren, S. R., Gaziano, J. M., Lavori, P., BEST DNA Bank
2009; 53 (5): 779-789
- **Transplantation of hematopoietic stem cells expressing diabetes-resistant loci**
Beilhack, G., Lazzeroni, L., Landa, R. R., Shizuru, J. A.
SPRINGER WIEN.2008: 167-167
- **Prevalence of HIV infection among inpatients and outpatients in department of veterans affairs health care systems: Implications for screening programs for HIV** *AMERICAN JOURNAL OF PUBLIC HEALTH*

- Owens, D. K., Sundaram, V., Lazzeroni, L. C., Douglass, L. R., Sanders, G. D., Taylor, K., VanGroningen, R., Shadle, V. M., McWhorter, V. C., Agoncillo, T., Haren, N., Nyland, J., Tempio, et al
2007; 97 (12): 2173-2178
- **Pure hematopoietic stem cells reconstitute immunity in allogeneic hosts superior to bone marrow: Immunosuppression by subclinical graft-versus-host disease** *49th Annual Meeting of the American-Society-of-Hematology*
Tsao, G. J., Allen, J. A., Logronio, K., Lazzeroni, L. C., Shizuru, J. A.
AMER SOC HEMATOLOGY.2007: 292B-292B
 - **HIV testing of at risk patients in a large integrated health care system** *JOURNAL OF GENERAL INTERNAL MEDICINE*
Owens, D. K., Sundaram, V., Lazzeroni, L. C., Douglass, L. R., Tempio, P., Holodniy, M., Sanders, G. D., Shadle, V. M., McWhorter, V. C., Agoncillo, T., Haren, N., Chavis, D., Borowsky, et al
2007; 22 (3): 315-320
 - **Prevalence of desmin mutations in dilated cardiomyopathy.** *Circulation*
Taylor, M. R., Slavov, D., Ku, L., Di Lenarda, A., Sinagra, G., Carniel, E., Haubold, K., Boucek, M. M., Ferguson, D., Graw, S. L., Zhu, X., Cavanaugh, J., Sucharov, et al
2007; 115 (10): 1244-51
 - **A polymorphism within a conserved beta(1)-adrenergic receptor motif alters cardiac function and beta-blocker response in human heart failure** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Liggett, S. B., Miale-Perez, J., Thaneemit-Chen, S., Weber, S. A., Greene, S. M., Hodne, D., Nelson, B., Morrison, J., Domanski, M. J., Wagoner, L. E., Abraham, W. T., Anderson, J. L., Carlquist, et al
2006; 103 (30): 11288-11293
 - **Keratin variants associate with progression of fibrosis during chronic hepatitis C infection** *HEPATOLOGY*
Strnad, P., Lienau, T. C., Tao, G., Lazzeroni, L. C., Stickel, F., Schuppan, D., Omary, M. B.
2006; 43 (6): 1354-1363
 - **The effect of diagnosis with HIV infection on health-related quality of life** *QUALITY OF LIFE RESEARCH*
Honiden, S., Sundaram, V., Nease, R. F., Holodniy, M., Lazzeroni, L. C., Zolopa, A., Owens, D. K.
2006; 15 (1): 69-82
 - **The role of a common adenosine monophosphate deaminase (AMPD)-1 polymorphism in outcomes of ischemic and nonischemic heart failure** *JOURNAL OF CARDIAC FAILURE*
Kolek, M. J., Carlquist, J. F., Thaneemit-Chen, S., Lazzeroni, L. C., Whiting, B. M., Horne, B. D., Muhlestein, J. B., Lavori, P., Anderson, J. L.
2005; 11 (9): 677-683
 - **Accuracy, precision, and consistency of expert HIV type 1 genotype interpretation: An international comparison (The GUESS Study)** *CLINICAL INFECTIOUS DISEASES*
Zolopa, A. R., Lazzeroni, L. C., Rinehart, A., Vezinet, F. B., Clavel, F., Collier, A., Conway, B., Gulick, R. M., Holodniy, M., Perno, C. F., Shafer, R. W., Richman, D. D., Wainberg, et al
2005; 41 (1): 92-99
 - **Cost-effectiveness of screening for HIV in the era of highly active antiretroviral therapy** *NEW ENGLAND JOURNAL OF MEDICINE*
Sanders, G. D., Bayoumi, A. M., Sundaram, V., Bilir, S. P., Neukermans, C. P., Rydzak, C. E., Douglass, L. R., Lazzeroni, L. C., Holodniy, M., Owens, D. K.
2005; 352 (6): 570-585
 - **Genetic susceptibility loci for lethal graft-versus-host disease in MHC-identical mice: Initial results from a genome-wide scan.** *46th Annual Meeting of the American-Society-of-Hematology*
Cao, T. M., Pang, W. W., Grumet, R. C., Lazzeroni, L. C., Shizuru, J. A.
AMER SOC HEMATOLOGY.2004: 328B-328B
 - **Genome-wide identification of genes conferring resistance to the anticancer agents cisplatin, oxaliplatin, and mitomycin C** *CANCER RESEARCH*
Wu, H. I., BROWN, J. A., Dorie, M. J., Lazzeroni, L., Brown, J. M.
2004; 64 (11): 3940-3948
 - **A polymorphism in the TCF7 gene, C883A, is associated with type 1 diabetes** *DIABETES*
Noble, J. A., White, A. M., Lazzeroni, L. C., Valdes, A. M., Mirel, D. B., Reynolds, R., Grupe, A., Aud, D., Peltz, G., Erlich, H. A.
2003; 52 (6): 1579-1582

- **Gene expression patterns vary in clonal cell cultures from Rett syndrome females with eight different MECP2 mutations.** *BMC medical genetics*
Traynor, J., Agarwal, P., Lazzeroni, L., Francke, U.
2002; 3: 12-?
- **Association of IL4R haplotypes with type 1 diabetes** *DIABETES*
Mirel, D. B., Valdes, A. M., Lazzeroni, L. C., Reynolds, R. L., Erlich, H. A., Noble, J. A.
2002; 51 (11): 3336-3341
- **Cytomegalovirus retinitis after initiation of highly active antiretroviral therapy in HIV-infected patients - Natural history and clinical predictors** *Annual Meeting of the Association-for-Research-in-Vision-and-Ophthalmology (ARVO)*
Lin, D. Y., Warren, J. F., Lazzeroni, L. C., Wolitz, R. A., Mansour, S. E.
LIPPINCOTT WILLIAMS & WILKINS.2002: 268-77
- **Genotype to phenotype: associations, errors and complexity.** *Trends in genetics : TIG*
Lazzeroni, L. C., Karlovich, C. A.
2002; 18 (6): 283-284
- **Allele sharing and allelic association I: Sib pair tests with increased power** *GENETIC EPIDEMIOLOGY*
Lazzeroni, L. C.
2002; 22 (4): 328-344
- **Plaid models for gene expression data** *STATISTICA SINICA*
Lazzeroni, L., Owen, A.
2002; 12 (1): 61-86
- **Accuracy, precision and consistency of expert HIV-1 genotype interpretation: an international comparison (The GUESS study)**
Zolopa, A. R., Lazzeroni, L. C., Rinehart, A., Kuritzkes, D.
INT MEDICAL PRESS LTD.2002: S129-S129
- **A polymorphism in the TCF7 locus is associated with type I diabetes in Caucasians.**
Noble, J. A., White, A., Mirel, D. B., Valdes, A. M., Reynolds, R., Zangenberg, G., Lazzeroni, L., Grupe, A., Peltz, G., Erlich, H. A.
CELL PRESS.2001: 226-26
- **Tests of allele sharing and allelic association for affected sib pairs.**
Lazzeroni, L.
CELL PRESS.2001: 510-10
- **A high-resolution radiation hybrid map of the human genome draft sequence** *SCIENCE*
Olivier, M., Aggarwal, A., Allen, J., Almendras, A. A., Bajorek, E. S., Beasley, E. M., Brady, S. D., Bushard, J. M., Bustos, V. I., Chu, A., Chung, T. R., de Witte, A., Denys, et al
2001; 291 (5507): 1298-?
- **A chronology of fine-scale gene mapping by linkage disequilibrium** *STATISTICAL METHODS IN MEDICAL RESEARCH*
Lazzeroni, L. C.
2001; 10 (1): 57-76
- **Plaid models for gene expression data** *Stanford University Division of Biostatistics Technical Report Series*
Lazzeroni, L., Owen, A.
2000; 211
- **Statistical refinement of primer design parameters.** *PCR Applications: Protocols for Functional Genomics*
Beasley, E. M., Myers, R. M., Cox, D. R., Lazzeroni, L. C.
1999: 55-71
- **The global pairwise approach to radiation hybrid mapping** *Stanford University Division of Biostatistics Technical Report Series*
Tibshirani, R., Lazzeroni, L., Hastie, T., Olshen, A., Cox, D.
1999; 201
- **A conditional inference framework for extending the transmission/disequilibrium test** *HUMAN HEREDITY*
Lazzeroni, L. C., Lange, K.

1998; 48 (2): 67-81

- **Random-effects models for smoothing post-stratification weights** *Journal of Official Statistics*
Lazzeroni LC, Little RJA
1998; 14: 61-78
- **Linkage disequilibrium and gene mapping: An empirical least-squares approach** *AMERICAN JOURNAL OF HUMAN GENETICS*
Lazzeroni, L. C.
1998; 62 (1): 159-170
- **Markov chains for Monte Carlo tests of genetic equilibrium in multidimensional contingency tables** *ANNALS OF STATISTICS*
Lazzeroni, L. C., Lange, K.
1997; 25 (1): 138-168
- **Individual variation in recombination among human males** *AMERICAN JOURNAL OF HUMAN GENETICS*
Yu, J., Lazzeroni, L., Qin, J., Huang, M. M., Navidi, W., Erlich, H., Arnhem, N.
1996; 59 (6): 1186-1192
- **In vivo sequence diversity of the protease of human immunodeficiency virus type 1: Presence of protease inhibitor-resistant variants in untreated subjects** *JOURNAL OF VIROLOGY*
Lech, W. J., Wang, G., Yang, Y. L., Chee, Y., Dorman, K., McCrae, D., Lazzeroni, L. C., Erickson, J. W., Sinsheimer, J. S., Kaplan, A. H.
1996; 70 (3): 2038-2043
- **Markov chain Monte Carlo tests of genetic equilibrium in multidimensional contingency tables** *Stanford University Division of Biostatistics Technical Report Series*
Lazzeroni, L. C., Lange, K.
1995; 178
- **MULTIPOINT LINKAGE MAP OF THE HUMAN PSEUDOAUTOSOMAL REGION, BASED ON SINGLE-SPERM TYPING - DO DOUBLE CROSSOVERS OCCUR DURING MALE MEIOSIS** *AMERICAN JOURNAL OF HUMAN GENETICS*
Schmitt, K., Lazzeroni, L. C., Foote, S., Vollrath, D., Fisher, E. M., Goradia, T. M., Lange, K., Page, D. C., Arnhem, N.
1994; 55 (3): 423-430
- **MULTIPOINT MAPPING CALCULATIONS FOR SPERM-TYPING DATA** *AMERICAN JOURNAL OF HUMAN GENETICS*
Lazzeroni, L. C., Arnhem, N., Schmitt, K., Lange, K.
1994; 55 (3): 431-436
- **Models for smoothing post-stratification weights** *Proceedings of the Survey Research Methods Section, ASA*
Lazzeroni LC, Little RJA
1993: 764-769
- **Robustness of multiple-imputation techniques to model misspecification** *Proceedings of the Survey Research Methods Section, ASA*
Lazzeroni, L. C., Schenker, N., Taylor, J. M.
1990: 260-265
- **A comparison of multiple-imputation procedures under model misspecification** *UCLA Department of Biostatistics Technical Report Series*
Lazzeroni, L. C., Schenker, N., Taylor, J. .
1990