

# Stanford

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## Laura C. Lazzeroni, Ph.D.

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

### Bio

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#### ACADEMIC APPOINTMENTS

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

#### PROFESSIONAL EDUCATION

- PhD, UCLA , Biostatistics (1994)

### Research & Scholarship

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#### 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

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#### PUBLICATIONS

- **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
- **Solutions for quantifying P-value uncertainty and replication power.** *Nature methods*  
Lazzeroni, L. C., Lu, Y., Belitskaya-Lévy, I.  
2016; 13 (2): 107-108
- **P-values in genomics: Apparent precision masks high uncertainty** *MOLECULAR PSYCHIATRY*  
Lazzeroni, L. C., Lu, Y., Belitskaya-Lévy, I.

2014; 19 (12): 1336-1340

- **Plaid models for gene expression data** *STATISTICA SINICA*  
Lazzeroni, L., Owen, A.  
2002; 12 (1): 61-86
- **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): e005371
- **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
- **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
- **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., Abbasi, F., Lazzeroni, L. C., Kim, S., Ingelsson, E., Reaven, G. M., Knowles, J. W.  
2019; 16 (2): 153-59
- **Genetic and environmental influences on cortico-striatal circuits in twins with autism.** *Genetic and environmental influences on cortico-striatal circuits in twins with autism.*  
Hegarty, J. P., Lazzeroni, L. C., Raman, M. M., Hallmayer, J. C., Cleveland, S. C., Phillips, J. M., Reiss, A. L., Hardan, A. Y.  
2019
- **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
- **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., 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., 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., 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
- **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
- **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
- **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
- **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
- **ABCB1 (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
- **ABCB1 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
- **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
- **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
- **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
- **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
- **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
- **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)
- **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
- **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
- **Evaluating the evidence of replication for genetic associations with schizophrenia.** *JAMA psychiatry*  
Lazzeroni, L. C.  
2014; 71 (1): 94–95
- **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., Quaintance, 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*

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