

STEPHEN BRAREN

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Education

Ph.D. in Developmental Psychology 2021 (expected)
New York University, Steinhardt School of Culture, Education, and Human Development
New York, NY

B.A. in Psychology, Certificate in Public Policy 2016
Hunter College, The City University of New York
New York, NY

Research Experience

Neuroscience and Education Lab 6/16 – Present
New York University
Principal Investigators: Clancy Blair, Ph.D. and Cybele Raver, Ph.D.

Phelps Lab 5/15 – 6/16
New York University
Principal Investigator: Elizabeth Phelps, Ph.D.

Serrano Lab 8/14 – 9-15
Hunter College
Principal Investigator: Peter Serrano, Ph.D.

Kaas Lab 6/14 – 8/14
Vanderbilt University
Principal Investigator: Jon Kaas, Ph.D.

Peer-Reviewed Publications

Perry, R. E., Finegood, E.D., Braren, S. H., DeJoseph, M. L., Wilson, D. A., Sullivan, R.M., Raver, C. C., Blair, C. (under review). Introducing a Rodent Model of Poverty: Scarcity Impacts Parenting Quality and Infant Outcome in Humans and Rodents. *Development and Psychopathology*.

Iñiguez, S. D., Flores-Ramirez, F. J., Riggs, L. M., Alipio, J. B., Garcia-Carachure, I., Hernandez, M. A., Sanchez, D.O., Lobo, M.K., Serrano, P.A., Braren, S.H. and Castillo, S.A. (2017). Vicarious Social Defeat Stress Induces Depression-Related Outcomes in Female Mice. *Biological Psychiatry*. doi: 10.1016/j.biopsych.2017.07.014

Dunsmoor, J. E., Kroes, M. C., Braren, S.H., and Phelps, E. A. (2017). Threat intensity widens fear generalization gradients. *Behavioral Neuroscience*, 131 (2). doi: 10.1037/bne0000186

Zanca, R. M., Braren, S. H., Maloney, B., Schrott, L., Luine, V., and Serrano, P. A. (2015). Environmental enrichment increases hippocampal glucocorticoid receptors and decreases GluA2 and protein kinase M zeta (PKM ζ) trafficking during chronic stress: A protective mechanism? *Frontiers in Behavioral Neuroscience*, 9 (303). doi: 10.3389/fnbeh.2015.00303

Braren, S. H., Drapala, D., Tulloch, I., and Serrano, P. A. (2014). Methamphetamine-induced short-term increase and long-term decrease in spatial working memory affects protein Kinase M zeta (PKM ζ), dopamine, and glutamate receptors. *Frontiers in Behavioral Neuroscience*, 8 (438). doi: 10.3389/fnbeh.2014.00438

Presentations

- Braren, S. H., and Blair, C. (2017). The Attenuation of Attunement: Poverty Negatively Impacts the Coordination of Mother-Child Adrenocortical Activity. Poster presented at *Society for Biological Psychiatry*. San Diego, CA.
- Braren, S. H., Perry, R. E., Alberini, C. M., Sullivan, R.M., Blair, C. (2017). Exploring Relationships between Early-Life Environments of Scarcity, Parenting, and Working Memory in Childhood: A Cross-Species Study. Poster presented at *Cognitive Neuroscience Society*. San Francisco, CA.
- Perry, R. E., Braren, S. H., Finegood, E.D., DeJoseph, M. L., Wilson, D. A., Sullivan, R.M., Raver, C. C., Blair, C. (2017). Introducing a Rodent Model of Poverty: Low Resource Rearing Impacts Parenting Style and Infant Neurobehavioral Outcome. Poster presented at *Society for Research in Child Development*. Austin, TX.
- Braren, S. H., Perry, R. E., Blair, C. (2017). Early Life Vocabulary Ability and Executive Function Skills Protect Against the Effects of Parenting and Poverty-Related Risk. Poster presented at *Society for Research in Child Development*. Austin, TX.
- Braren, S. H., Perry, R. E., Pollonini, G., Raver, C. C., Blair, C., Sullivan, R.M., Alberini, C. M. (2017). Enriched Environments Prevent Social Neurobehavioral Disturbances Following Early Life Stress. Poster presented at *Society for Research in Child Development*. Austin, TX.
- Perry, R. E., Braren, S. H., Pollonini, G., Alberini, C. M., Blair, C., Raver, C. C., Sullivan, R.M. (2017). Early-Life Stress Initiates Later Life Social and Cognitive Difficulties: Exploring the Neurobiological Pathway to Pathology. Poster presented at *Society for Research in Child Development*. Austin, TX.
- Braren, S. H., Perry, R. E., Finegood, E.D., DeJoseph, M. L., Wilson, D. A., Sullivan, R.M., Raver, C. C., Blair, C. (2017). Introducing a Rodent Model of Poverty: Scarcity Rearing Impacts Parenting Style and Infant Neurobehavioral Outcome. Talk given at *Eastern Psychological Association*. Boston, MA.
- Braren, S.H., Dunsmoor, J. E., Kroes, M. C., Murty, V. P., Phelps, E. A. (2016). Threat Anticipation During Encoding Impairs Visual Object Recognition Memory and Pattern Separation. Poster presented at *Society for Neuroscience*. San Diego, CA.
- Opendak, M. M., Braren, S., Wood, K., Mansour, R., Serrano, P., Sullivan, R. M. (2016). Amygdala PKM ζ increases with the emergence of fear learning in infant rats. Poster presented at *Society for Neuroscience*. San Diego, CA.
- Braren, S. H., Perry, R. E., Blair, C., Family Life Project Investigators. (2016). Executive Function and Vocabulary Skills Mediate Effects of Parenting and Poverty-Related Risk on Early School Outcomes. Poster presented at the *International Mind, Brain, and Education Society*. Toronto, ON, Canada.

- Braren, S. H. (2016). Increasing Equity in Educational Outcomes for Community College Students in New York City. Oral presentation given at *Roosevelt House Public Policy Institute Capstone Seminar*. New York, NY.
- Braren, S. H., Dunsmoor, J. E., Kroes, M. C. W., Phelps, E. A. (2016). Varying Stimulus Intensity Increases Fear Generalization, but Not Fear Learning in Humans. Poster presented at *Hunter College Psychology Convention*. New York, NY.
- Braren, S. H., Drapala, D., Avila, J, Serrano, P. A. (2015). Acute methamphetamine produces long-term deficits in hippocampal-dependent spatial learning and memory retention, decreases PKMzeta, GluA2 and dopamine 1 receptors (D1), and increases microglial expression. Poster presented at *Society for Neuroscience*. Chicago, IL.
- Flores-Ramirez, F. J., Riggs, L. M., Alipio, J. B., Hernandez, M. A., Cruz, B., Braren, S.H., Serrano, P.A., Iniguez, S.D. (2015). Witnessing social defeat stress mediates a depression-like phenotype in female c57BL/6 mice. Poster presented at *Society for Neuroscience*. Chicago, IL.
- Braren, S. H., Dunsmoor, J. E., Kroes, M. C. W., Phelps, E. A. (2015). The Effect of Unconditioned Stimulus Intensity on Fear Learning and Generalization in Humans. Poster presented at *Society for Neuroscience*. Chicago, IL.
- Braren, S. H., Drapala, D., Tulloch, I., Serrano, P. A. (2014). Methamphetamine-induced short-term increase and long-term decrease in spatial working memory performance involving Protein Kinase M zeta (PKM ζ) in the hippocampus and dorsal striatum. Poster presented at *Society for Neuroscience*. Washington, DC.
- Braren S. H., Serrano P. A., Michelson L., Sullivan R. M. (2014). Amygdala PKM ζ increases with functional emergence of amygdala-dependent fear learning in rat pups. Poster presented at *Society for Neuroscience*. Washington, DC.
- Braren, S. H., Liao, C. C., Kaas, J. (2014). Recoveries from long-term dorsal column lesions of the spinal cord may be mediated by other spinal cord pathways. Poster presented at *Vanderbilt University Summer Science Symposium*. Nashville, TN.
- Braren, S. H. (2013). Positioning theory and racial identity. Talk given at *LaGuardia Community College Social Science Symposium*. Long Island City, NY.
- Braren, S. H. (2012). The role of narrative in personality development. Talk given at *LaGuardia Community College Psychology Conference*. Long Island City, NY.

Non-Peer-Reviewed Publications

- Braren, S. H. (2016). How much does income affect access and success in college? *Roosevelt House Public Policy Institute at Hunter College Student Forum*. Retrieved from <http://www.roosevelthouse.hunter.cuny.edu/?forum-post=much-income-affect-access-success-college>

Other Academic & Professional Experience

Dyadic Data Analysis Workshop

7/17

Michigan State University

CardioEdit / CardioBatch Plus Training Workshop <i>University of North Carolina – Chapel Hill</i>	6/17
Peer Activist Learning Community <i>LaGuardia Community College</i>	8/15 – 8/16
Quantitative Biology Workshop <i>Massachusetts Institute of Technology</i>	1/15
College Readiness Internship Program <i>LaGuardia Community College</i>	9/12 – 7/14
Statistical Methods in Psychological Research Course <i>Hunter College</i>	1/14 – 6/14
Peer Leaders Initiative <i>LaGuardia Community College</i>	2/13 – 6/14
Intercollegiate Partnership Summer Science Program <i>Barnard College</i>	6/13 – 7/13

Honors & Achievements

National Science Foundation Graduate Research Fellowship <i>National Science Foundation</i>	2016 – Present
Livingston Welch Award <i>Hunter College</i>	4/16
Miriam & David L. Klein Graduate Scholarship <i>Hunter College</i>	4/16
Blueprint Program for Enhancing Neuroscience Diversity through Undergraduate Research Experiences (BP-Endure; NIH-NINDS) <i>Hunter College</i>	6/14 – 6/16
Presidential Student Engagement Award <i>Hunter College</i>	5/15
Social Science Department Honors Award <i>LaGuardia Community College</i>	6/13
Spring Into Action Scholarship <i>LaGuardia Community College</i>	11/12
Phi Theta Kappa Honor Society	8/12 – Present

Professional Organization Membership (2016-2017)

Society for Neuroscience
Cognitive Neuroscience Society
Society for Research in Child Development
International Mind, Brain and Education Society
International Society for Developmental Psychobiology
American Educational Research Association

Volunteer/Outreach Work

Scientist Action and Advocacy Network (ScAAN)
