

# Cara M. Keifer

**Stony Brook University**  
**Stony Brook, NY, 11794**  
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## Education

Ph.D., Clinical Psychology, Expected June 2021 Stony Brook University, APA Accredited Advisor: Matthew D. Lerner, Ph.D	2015-present
B.A., Psychology Haverford College	2013

## Awards

Student Travel Award, <i>International Society for Autism Research</i>	2015
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## Professional Writing

### Peer-reviewed Publications

- Kim, H., **Keifer, C.M.**, Rodriguez-Seijas, C., Eaton, N.R., Lerner, M.D., Gadow, K.D. (*revise & resubmit*). The hierarchical structure of autism spectrum disorder classification: An integrative framework.
- Jack, A., **Keifer, C.**, & Pelphrey, K. (*revise & resubmit*). Cerebellar contributions to biological motion perception in autism and typical development.
- Yang, D. Y. J., Rosenblau, G., **Keifer, C.** & Pelphrey, K. A. (2015). An Integrative Neural Model of Social Perception, Action Observation, and Theory of Mind. *Neuroscience & Biobehavioral Reviews*
- Kaiser, M. D., Yang, D. Y. J., Voos, A. C., Bennett, R. H., Gordon, I., Pretzsch, C., Beam, D., **Keifer, C.**, Eilbott, J., McGlone, F., & Pelphrey, K. A. (2015). Brain Mechanisms for Processing Affective Touch are Disrupted in Autism. *Cerebral Cortex*
- Ventola, P. E., Oosting, D. R., **Keifer, C. M.** & Friedman, H. F. (2015). Towards Optimal Outcome Following Pivotal Response Treatment: A case series. *Yale Journal of Biology and Medicine*

### Conference Abstracts and Poster Presentations

- Keifer, C. M.**, Weber, R. J., Burns, A., Stoerback, A., & Lerner, M.D. (2016). In-vivo social attention training improves EEG-indexed facial processing speed. Poster at the

50<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, New York City, NY, October 27-30.

- Keifer, C. M.**, Yang, D. Y. J., Ventola, P. E., Wolf, J. M. & Pelphrey, K. A. (2015, May). Neural signatures of discrepant nonverbal and verbal IQ in youth with ASD. Poster at the *International Meeting for Autism Research*, Salt Lake City, US.
- Culoso, A., **Keifer, C.**, Burns, A., Keenan, E., Lerner, M.D. (2016). Greater sensory arousal impedes affect recognition: evidence across olfactory and auditory domains. Poster at the Annual Meeting of the *Society for Psychophysiological Research*, Minneapolis, MN, September 21 - 25.
- Kim, H., **Keifer, C.**, Rodriguez-Seijas, C., Eaton, N. R., Lerner, M. D., & Gadaw, K. D. (2016). Hierarchical Structure of Autism Spectrum Disorder Classification. Poster at the 50<sup>th</sup> Annual Convention of the Association for Behavioral and Cognitive Therapies, New York City, NY, October 27-30.
- Ventola, P., Yang, D., Friedman, H. E., Oosting, D. R., **Keifer, C. M.**, Sukhodolsky, D. G. & Pelphrey, K. A. (2015, May). Neural Mechanisms of Response to Pivotal Response Treatment. Poster at the *International Meeting for Autism Research*, Salt Lake City, US.
- Jack, A., **Keifer, C. M.**, Gulliford, D., Torgerson, C., Aylward, E. H., Bookheimer, S. Y., Dapretto, M., Gaab, N., Van Horn, J., & Pelphrey, K. (2015, May). Sex Differences in Biological Motion Perception Among Youth with ASD: An fMRI Investigation. Poster at the *International Meeting for Autism Research*, Salt Lake City, US.
- Pelphrey K., Yang, D., Sukhodolsky, D. G., Crowley, M. J., Oosting, D., Friedman, H. E., **Keifer, C. M.**, & Ventola, P. (2015, May). Searching for Neuroimaging Targets for Interventions in ASD. Poster at the *International Meeting for Autism Research*, Salt Lake City, US.
- McDonald, N. M., Fichtenholtz, H. M., Paisley, C. A., Schneider, A. J., **Keifer, C. M.**, Friedman, H. E., & Pelphrey, K. (2015, May). Neural Responses during Live Parent-Infant Interaction: A Pilot Study of Infants at High- and Low-Risk for Autism. Poster at the *International Meeting for Autism Research*, Salt Lake City, US.
- Friedman, H. E., Oosting, D., **Keifer, C. M.**, Schneider, A. J., Paisley, C. A., Wolf, J. & Ventola, P. (2015, May). Maternal and Paternal Stress in Parenting Children with ASD. Poster at the *International Meeting for Autism Research*, Salt Lake City, US.
- Oosting, D. R., Friedman, H. E., **Keifer, C. M.**, Schneider, A. J., Paisley, C. A., Jack, A., McDonald, N. M., Pelphrey, K. A. & Ventola, P. (2015, May). Effect of Comorbid Psychopathology on Response to Pivotal Response Treatment. Poster at the *International Meeting for Autism Research*, Salt Lake City, US.

McDonald, N., Fichtenholtz, H., **Keifer, C.**, Friedman, H., Shic, F., & Pelphrey, K. (2014, October). What is that baby thinking? The development of an fNIRS measure of live parent-infant interaction. Poster at the *fNIRS Conference*, Montreal, Canada.

Oosting, D., Pelphrey, K. A., McDonald, N. M., Friedman, H., **Keifer, C.**, Cordeaux, C., Anderson, L. C. & Ventola, P. (2014, May). Predictors of Adaptive Functioning and Internalizing and Externalizing Symptoms in Children with Autism Spectrum Disorder (ASD). Poster at the *International Meeting for Autism Research*, Atlanta, GA.

### **Research Experience**

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| <i>Graduate Research Assistant</i> , Social Competence and Treatment Lab<br>Principal Investigator: Matthew Lerner, Ph.D.        | 2015- present |
| <i>Research Assistant</i> , Center for Translational Developmental Neuroscience<br>Principal Investigator: Kevin Pelphrey, Ph.D. | 2013-2015     |
| <i>Senior Research in Cognitive Neuroscience</i> , Haverford College<br>Principal Investigator: Rebecca Compton, Ph.D.           | 2012-2013     |

### **Clinical Experience**

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|---|---------------------------------|
| <i>Staff Therapist</i> , Krasner Psychological Center<br>Supervisors: Nicholas Eaton, Ph.D., Matthew Lerner, Ph.D., & Dina Vivian, Ph.D.<br>Provide evidence-based treatment for various clinical presentations.  | 2015-present<br>Stony Brook, NY |
| <i>Social Group Leader</i> , Social Groups for Youth with ASD (Research Study)<br>Supervisor: Matthew Lerner, Ph.D.<br>Conduct diagnostic interviews per study protocol. Lead an evidence-based social skills group intervention for children and adolescents with ASD. | 2016-present<br>Stony Brook, NY |
| <i>PRT Interventionist</i> , Pivotal Response Training (Research Study)<br>Supervisor: Pamela Ventola, Ph.D.<br>Provide pivotal response training to children with ASD.   | 2014-2015<br>New Haven, CT      |

### **Teaching Experience**

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| <i>Teaching Assistant</i> , Stony Brook University | Stony Brook, NY |
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Keifer

Last edit 9/30/16

Research Methods and Scientific Writing (24 students)

Fall 2016

Health Psychology (200 students)

Spring 2016

Introduction to Psychology (360 students)

Fall 2015

**Certifications**

ADOS-2 Research Reliability  
All modules

2016

**Peer Reviews**

*Ad hoc Reviewer*

Journal of Autism and Developmental Disabilities (JADD)

2016-present