

# – GIULIA RIGHI –

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## EDUCATION

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- Alpert Medical School of Brown University** (Providence, RI) **7/14-6/15**  
APA-Approved Predoctoral Internship  
Clinical Psychology Resident  
Child Clinical Track
- University of Massachusetts at Amherst** (Amherst, MA) **7/11-6/14**  
Clinical Psychology Respecialization Program  
GPA: 4.0
- Brown University** (Providence, RI) **9/04-8/09**  
Doctor of Philosophy in Cognitive Sciences  
Dissertation title: The neural substrates of competition  
GPA: 3.75
- Brown University** (Providence, RI) **9/00-5/04**  
Bachelor of Science, Cognitive Sciences  
University Honors

## POSTGRADUATE TRAINING

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- APA Postdoctoral Fellow in Developmental Disabilities** **7/15- 6/16**  
Bradley Hospital, Alpert Medical School of Brown University, Providence, RI
- Postdoctoral Research Fellow in Developmental Cognitive Neuroscience** **8/09- 07/11**  
P.I. Charles Nelson, PhD  
Children's Hospital Boston, Harvard Medical School, Boston, MA

## PROFESSIONAL LICENSURE

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- License for independent practice in Clinical Psychology **PS01572**  
State of Rhode Island

## HOSPITAL APPOINTMENTS

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- Staff Psychologist** **7/16-present**  
E.P. Bradley Hospital

## **ACADEMIC APPOINTMENTS**

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### **Assistant Professor (Research)**

**1/17-present**

Department of Psychiatry and Human Behavior  
Alpert Medical School of Brown University

## **OTHER POSITIONS**

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### **Visiting Scientist, PhD**

**6/11-6/14**

P.I. James McPartland, PhD  
Yale Child Study Center, Yale School of Medicine, New Haven, CT

## **UNIVERSITY COMMITTEES**

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### **Alpert Medical School of Brown University**

**7/14-6/15**

Clinical Psychology Training Consortium  
Psychology Training Program Admission Committee  
Resident Representative

## **EDITORIAL EXPERIENCE**

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Child Development  
Clinical Neurophysiology  
Developmental Neuropsychology  
Emotion  
Infancy  
Journal of Autism and Developmental Disabilities

## **HONORS AND AWARDS**

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2008	Dissertation Fellowship
2006	Human Brain Mapping Travel Award (Florence, Italy)
2004	Department of Cognitive and Linguistic Sciences Thesis Award
2003	Brown Magnetic Resonance Imaging Facility Undergraduate Fellowship

## **PROFESSIONAL AFFILIATIONS**

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International Society for Autism Research  
American Psychological Association  
Society for Human Brain Mapping  
Society for Neuroscience  
Vision Science Society

## **PUBLICATIONS**

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### **ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

1. **Righi, G.**, Tenenbaum, E., McCormick, C., Amnso, D., Sheinkopf, S. J. Sensitivity to Audio-Visual Synchrony and Its Relation to Language Abilities in Children with

ASD. *Autism Research*, (Accepted).

2. Pedersen, K., Santangelo, S., Gabriels, R., **Righi, G.**, Siegel, M. (2017). Specialized Inpatient Psychiatry Units for Youth With Autism and Serious Problem Behaviors: Treatment Model and Behavioral Outcomes. *Journal of the American Academy of Child and Adolescent Psychiatry*, *56*(10): S31.
3. Pedersen, K., Santangelo, S., Gabriels, R., **Righi, G.**, Erard, M., Siegel., M. Behavioral Outcomes of Specialized Psychiatric Hospitalization in the Autism Inpatient Collection (AIC): A Multisite Comparison. *Journal of Autism and Developmental Disabilities*, (Accepted).
4. **Righi, G.**, Benevides, J., Mazefsky, C., Siegel, M., Sheinkopf, S., Morrow, E.M. (2017). Predictors of inpatient psychiatric hospitalization for children and adolescents with Autism Spectrum Disorder. *Journal of Autism and Developmental Disabilities*, doi: 10.1007/s10803-017-3154-9
5. Tenenbaum, E., **Righi, G.**, Sheinkopf, S. J., Amso, D. (2017). Cues to Facilitate Word Learning in Children with Autism. *Journal of Autism and Developmental Disabilities*, *47*(6): 1791-1805.
6. Montoya, L., Troller-Renfrey, S., Westerlund, A., **Righi, G.**, Nelson, C. (2017). The Effect of Heterogeneous Race Exposure during Infancy. *Cognitive Development*, *42*: 74-83.
7. Sheinkopf, S. J., **Righi, G.**, Marsit, C. J., Lester, B. M. (2016). Methylation of the Glucocorticoid Receptor (NR3C1) in Placenta is Associated with Infant Cry Acoustics. *Frontiers in Behavioral Neuroscience*, *10*: Article 100
8. Fang, J., Badler, J. B., **Righi, G.**, Rossion, B. (2015). Category expectation speeds up Face-selective responses in a non-hierarchical cortical face network. *Cortex*, *66*: 69-80.
9. **Righi, G.**, Tierney, A., Tager-Flusberg, H., Nelson, C. A. (2014). Functional connectivity in infants at risk for autism spectrum disorder. *PLOS One*, e105176.
10. **Righi, G.**, Westerlund, A., Troller-Refrey, S., Congdon, E., Nelson C. A. (2014). Infants' experience-dependent processing of male and female faces: insight from eye tracking and event-related potentials. *Developmental Cognitive Neuroscience*, *8*: 144-152.
11. **Righi, G.**, Peissig, J., Tarr, M.J. (2012). Recognizing disguised faces. *Visual Cognition*, *20*(2): 143-169.
12. Fang, J., Dricot, L., Weber, J., **Righi, G.**, Tarr, M. J., Goebel, R., Rossion, B. (2011). Face categorization in visual scenes may start in a higher order area of the right fusiform gyrus: evidence from dynamic visual stimulation in neuroimaging. *Journal of Neurophysiology*, *106*(5): 2720-2736.

13. **Righi, G.**, Blumstein, S.E.B, Mertus, J., Worden, M.S. (2010). The neural substrates of phonological onset competition. *Journal of Cognitive Neuroscience*, 22(2):213-224.

#### **BOOKS AND BOOK CHAPTERS**

1. **Righi, G.**, Nelson, C.A. (2013). The development of face processing: from infancy to adulthood. In Rakic, P. & Rubenstein J. (Eds.) *Comprehensive Developmental Neuroscience*.
2. **Righi, G.**, Tarr, M. J., & Kingon, A. (2013). Category-Selective Recruitment of the Fusiform Gyrus with Chess Expertise. In J. Staszewski, (Ed.), *Expertise and Skill Acquisition: The Impact of William G. Chase*.
3. **Righi, G.**, & Tarr, M. J. (2011). Visual Agnosia. In Kreutzer, J.S., DeLuca, J., & Caplan, B. (Eds.) *Encyclopedia of Clinical Neuropsychology*. 2623-2625.
4. **Righi, G.**, Jerskey, B. (2011). Prosopagnosia. In Kreutzer, J.S., DeLuca, J., & Caplan, B. (Eds.) *Encyclopedia of Clinical Neuropsychology*. 2056-2058.
5. **Righi, G.**, Vettel, J.M. (2011). Dorsal Visual Pathway. In Kreutzer, J.S., DeLuca, J., & Caplan, B. (Eds.) *Encyclopedia of Clinical Neuropsychology*. 887-888.
6. **Righi, G.**, Vettel, J.M. (2011). Ventral Visual Pathway. In Kreutzer, J.S., DeLuca, J., & Caplan, B. (Eds.) *Encyclopedia of Clinical Neuropsychology*. 2598-2600.

#### **PUBLICATIONS SUBMITTED OR IN PREPARATION**

1. Pedersen, K. A., Siegel, M., Santangelo, S. L., Gabriels, R., **Righi, G.**, Cook, W.L. Parental Stress, Parental Efficacy and Problem Behaviors in Children with Autism Spectrum Disorder (ASD): A Structural Equation Analysis. (Submitted)
2. Tenenbaum, E., **Righi, G.**, Naples, A., Eigsti, I. M. Characterizing the minimally verbal: A pilot investigation of the Low-verbal Investigatory Screener (L-VIS) for Autism. (In preparation)
3. Peissig, J.J., Moniz, E., **Righi, G.**, Tarr, M. J. Why Couldn't Lois Lane Recognize Clark Kent as Superman? How Disguises Affect Facial Recognition. (In preparation)
4. Oberman, L.M., McCormick, C., Gerber, A.H., Kavanaugh, B., Morriss, D., Tokadjian, H., McClean, R., **Righi, G.**, Gamsiz, E., Wu, P., Jerskey, B., Quinn, J., Baylis, S., Walker, C., Anders, T.F., Sheinkopf, S.J., Morrow, E.M. Rhode Island Consortium for Autism Research and Treatment (RI-CART): A Statewide, Population-based Resource for Studies in Autism (In Preparation)

## CONFERENCE PRESENTATIONS & POSTERS

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1. **Righi, G.**, Benevides, J. M., Mazefsky, C., Siegel, M., Sheinkopf, S. & Morrow, E. M. (2017, May). Predictors of Psychiatric Inpatient Hospitalization for Children and Adolescents with Autism Spectrum Disorder. Talk given at the International Meeting for Autism Research, San Francisco, CA, USA.
1. Smith, K. A., Santangelo, S. L., Gabriels, R., **Righi, G.**, & Siegel, M. (2017, May). Comparison of Behavioral Outcomes and Crisis Service Utilization across the Six Specialized Inpatient Units in Phase I of the Autism Inpatient Collection (AIC). Poster presented at the International Meeting for Autism Research, San Francisco, CA, USA.
2. Smith, K. A., Siegel, M., Santangelo, S. L., Gabriels, R., **Righi, G.** & Cook, W. L. Parental Stress, Parental Efficacy and Problem Behaviors in Children with Autism Spectrum Disorders: a Structural Equation Analysis. (2017, May). Comparison of Behavioral Outcomes and Crisis Service Utilization across the Six Specialized Inpatient Units in Phase I of the Autism Inpatient Collection (AIC). Poster presented at the International Meeting for Autism Research, San Francisco, CA, USA.
3. **Righi, G.**, Tenenbaum, E., Sheinkopf, S. J. & Amso, D. (2016, May). Sensitivity to AudioVisual Synchrony and Its Relation to Language Abilities in Children with ASD. Poster presented at the International Meeting for Autism Research, Baltimore, MD, USA.
4. Tenenbaum, E., Eigsti, I. M., Naples, A. & **Righi, G.** (2015, May). *Characterizing the Minimally Verbal: a Pilot Investigation of the Low-Verbal Investigatory Screener for Autism (L-VIS)*. Poster presented at the International Meeting for Autism Research, Salt Lake City, UT, USA.
5. **Righi, G.**, Brooks, E., Hashim, P., Coffman, M., Mukerji, C. E., Tillman, R., Naples, A., Perszyk, D., Terner, J. S., Travieso, R., Steinbacher, D., Landi, N., Mayes, L., Persing, J. A., & McPartland, J. (2014, May). *The specificity of atypical neural responses to language in infants at risk for ASD*. Poster presented at the International Meeting for Autism Research, Atlanta, GA, USA.
6. Tillman, R., Rolison, M., **Righi, G.**, Mukerji, C. E., Naples, A., Coffman, M., Foss-Feig, J., Hashim, P., & McPartland, J. (2013). Neural Sensitivity to Biological Motion Versus Audio-Visual Synchrony in Infants At Risk for Autism. Poster presented at the International Meeting for Autism Research, San Sebastian, Spain.
7. Hashim, P., Coffman, M., Mukerji, C. E., Tillman, R., Naples, A., Perszyk, D., **Righi, G.**, Terner, J. S., Travieso, R., Steinbacher, D., Landi, N., Mayes, L., Persing, J. A., & McPartland, J. (2013). Specificity of atypical neural development for language in infants at risk for ASD. Poster presented at the International Meeting for Autism Research, San Sebastian, Spain.

8. Troller-Renfree, S., **Righi, G.**, Westerlund, A., & Nelson, C. A. (2013). Developmental trajectories of infant race perception. Poster presented at the Society for Research on Child Development conference, Washington, DC.
9. Congdon, E. L., **Righi, G.**, Westerlund, A., Troller-Renfree, S., & Nelson, C. A. (2012). Experience-dependent processing of male and female faces: insights from eye-tracking and event-related potentials. Poster presented at the International Society for Infant Studies conference, Minneapolis, MN.
10. **Righi, G.**, Mukerji, C., Coffman, M., Naples, A., Mayes, L., McPartland, J. (2012). Neural Sensitivity to Biological Motion Versus Audio-Visual Synchrony in Infants At Risk for Autism. Poster presented at the International Meeting for Autism Research, Toronto, ON, Canada
11. Tierney, A, **Righi, G.**, Tager-Flusberg, H., Nelson, C. A. (2011). Gamma-band coherence in response to language relevant stimuli in infants at risk for autism spectrum disorder. Talk given at the Society for Research on Child Development Meeting, Montreal, QC, Canada.
12. **Righi, G.**, Jeste, S. S., Nelson, C. A. (2010). How behavior and visual attention influence face-sensitive event-related potentials. Talk given at the Society for Neuroscience Meeting, San Diego, CA.
13. Jiang, F., Dricot, L., Weber, J., **Righi, G.**, Tarr, M.J., Goebel, R., Rossion, B. (2009) Dynamics of face detection revealed by fMRI. Poster presented at the Society for Neuroscience Meeting, Chicago, IL.
14. Lebrecht, S., **Righi, G.**, Vettel, J. M., Tarr, M. J. (2008). Predicting individual differences in cortical activations using behavioral measures. Poster presented at the Society for Neuroscience Meeting, Washington, DC.
15. **Righi, G.**, Tarr, M. J. (2008). Understanding the nature of the neural tradeoff between faces and objects of expertise. Talk given at the Perceptual Expertise Network XIV, Banff, Canada
16. **Righi, G.** (2008). Exploring individual differences in face processing: linking brain and behavior. Talk given at the International Conference of Psychology, Berlin, Germany.
17. **Righi, G.**, Tarr, M. J., Kingon, A. (2006) The neural substrates of chess expertise. Poster presented at Human Brain Mapping, Florence, Italy.
18. **Righi, G.**, Sheinkopf, S., Tarr, M. J. (2005). Modulation of personal knowledge and familiarity in the fusiform and beyond in ASD subjects and controls. Talk given at the Perceptual Expertise Network X, Pittsburgh, PA
19. **Righi, G.**, Tarr, M. J. (2004). Are chess experts any different from bird, greeble, or face experts? Poster presented at the Vision Science Society, Sarasota, FL.

20. **Righi, G.**, Tarr, M. J. (2004). Is chess expertise mediated by the same mechanisms as visual expertise for faces? Talk given at the Perceptual expertise Network Meeting 8, Nashville, TN

## **INVITED PRESENTATIONS**

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**Righi, G.** (2018). Update on the phenotype, neurobiology and genotype of Autism Spectrum Disorder. Talk given at the annual meeting of the American Neuropsychiatric Association in Boston, MA.

**Righi, G.** & Tylanda, B. (2015). Autism Spectrum Disorder: the integration of clinical practice and research findings for behavioral health providers. Talk given at the Aaron T. Beck Institute for Cognitive Studies at Assumption College.

**Righi, G.** (2010). Face Perception: Individual Differences and the Role of Experience. Talk given at the University of Connecticut.

## **TEACHING EXPERIENCE**

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**Developmental Cognitive Neuroscience**, Guest Lecturer **Fall 2010**  
MIT, Boston, MA

**Developmental Cognitive Neuroscience**, Guest Lecturer **Fall 2008**  
Brown University, Providence, RI

**Neuroimaging and Language**, Teaching Assistant **Spring 2008**  
Brown University, Providence RI

**Language and the Brain**, Teaching Assistant **Fall 2007**  
Brown University, Providence RI

**Language, Truth and Advertising**, Teaching Assistant **Spring 2006**  
Brown University, Providence RI

**Introduction to Cognitive Sciences**, Teaching Assistant **Fall 2005**  
Brown University, Providence RI

**Perception**, Teaching Assistant **Fall 2003**  
Brown University, Providence RI

## **GRANTS**

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**Autism and Developmental Disorders Inpatient Research Collaborative:  
Phenotyping of the Severely Affected Autism Population**  
Simons Foundation Autism Research Initiative (#296318; Siegel (PI)) **01/2015-09/2018**  
Nancy Lurie Marks Family Foundation for Autism Research  
Role: Co-Investigator

**Rhode Island Consortium for Autism Research and Treatment**

Simons Foundation Autism Research Initiative (#454555 to SK; Sheinkopf(PI))  
Role: Co-Investigator