**NATALIE RUSSO**

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**Licensed Psychologist**

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**EDUCATION**

Postdoctoral fellow, Albert Einstein College of Medicine 2008-2011 Mentors: Dr. John Foxe & Dr. Sophie Molholm

Postdoctoral trainee, The Autism Research Training (ART) Program 2008-2010

(CIHR) Strategic Training Initiative in Health Research

Mentors: Dr. Alan Evans, Dr. James T. Enns, Dr. Lee Tidmarsh

Ph.D. School/Applied Child Psychology, McGill University 2002-2008

Mentors: Dr. Jacob A. Burack, Dr. Boutheina Jemel

Predoctoral internship: UNC-Chapel Hill TEACCH center 2005-2006

APA accredited

M.A. School/Applied Child Psychology, McGill University 2000-2002

Mentor: Dr. Jacob A. Burack

B.A. Honors Psychology,Bishop’s University Clinical Track 1996-1999

Mentors Dr. Anton DeMan, Dr. Gilla Family

**APPOINTMENTS**

Director of Clinical Training, School Psychology Program 2022-present

Associate Professor, School program, Department of Psychology, Syracuse University 2018-present

Interim Executive Director, Neuroscience, Syracuse University Fall 2020

Co-leader of the Aging, Health, and Neuroscience cluster Syracuse University 2018-present

Director, Integrated Learning Major, Neuroscience, Syracuse University 2015-2017

Assistant Professor, School program, Department of Psychology, Syracuse University 2011 -2018

Affiliate: Cognitive & Clinical Psychology & Neuroscience, Syracuse University 2011-present

**LICENSURE**

Psychologist license, NY state license,020133 2012-present

Health Service Psychologist, 56069 2018-present

Autism Diagnostic Observational Schedule-Research Reliable 2009

Autism Diagnostic Interview Certification-Research Reliable 2006

**PROFESSIONAL MEMBERSHIPS**

American Psychological Association; International Society for Autism Research; Sensory Research Consortium; Health Service Psychology

**HONORS AND AWARDS**

Crown Honors’ professorships nominee 2022

Women in Leadership Cohort Experience nominee 2022

Writing across the curriculum Faculty Fellow nominee 2022

ERP boot camp, UCDavis/SDSU scholarship 2021

WiSE faculty development award, Syracuse University 2021

Seinfeld Fellow, Syracuse University 2020

Grant pitch’ program, selected participant: INSAR 2018

Top 5 autism researchers in Quebec 2004

John Merk Sackler Summer Institute: neurobiology of developmental disability 2004

McGill University, School Psychology Research Fellowship 2002

**PROFESSIONAL DEVELOPMENT (2019-present)**

Gender Equity: Yesterday, Today, and Tomorrow 2022

The Resilient Leadership and Change program 2022

Teaching Roundtable: syllabus policies and diversity, equity and inclusion in the classroom 2021

Pathways through the Pyramid: Academic Women, Hierarchies, and Silos 2021

Non-hierarchical leadership, WiSE program 2020

Clinic on promotion from Associate to Full Professor, WiSE program 2020

Making the Most of Hot Moments in the Classroom, Syracuse University 2020

Developing a Nimble and Versatile Workforce, National Academies of Science,

Engineering and Medicine 2020

Racial Justice, Diversity, Equity and inclusion in neuroscience training.

National Academies of Science, Engineering and Medicine 2020

 Small Teaching Workshop: The Center for Teaching and Learning Excellence (CTLE) 2019

**CONTINUATING EDUCATION CREDITS (2021-present)**

Dream a Little DREAM (DACA and psychology) 2022

Diversity in the Psychology Workforce: Challenges and Opportunities to Increase the

Presence of African American Males in Psychology Graduate Programs 2022

An African American Male’s Journey through Graduate Education in Psychology 2022

Child Abuse/Neglect Reporting: Issues and Controversies 2021

Intervening During Childhood and Adolescence to Prevent Mental,

Emotional and Behavioral Disorders 2021

Giftedness and Gifted Education: Reconceptualizing the Role of Professional Psychology 2021

The Assessment of Childhood Trauma 2021

Attention-Deficit / Hyperactivity Disorder in Children and Adolescents 2021

School Threat Assessments: Psychological and Behavioral Considerations 2021

Identifying Autism Spectrum Disorder in Adults 2021

**RESEARCH INTERESTS**

Sensation, perception, and cognition of autism spectrum disorders (ASD); strength-based approaches to assessment; neurophysiology; event-related potentials; methodological rigor in the study of neurodevelopmental disorders and intellectual disability.

**GRANTS**

**External grants under review:**

Utilitarian Processing: A New Strengths-Based Approach to Examining Unique Ways that Autistic

Persons Understand the World in Which They Live. Social Science and Humanities Research Council of Canada, Insight grant. (PI: Burack, role: Co-Applicant). Project Period: 2023-2026.

Assessing the primacy and impact of perception in autism spectrum disorders; National Institute of Mental Health, R01 (PI: Natalie Russo); Project period: 2023-2028.

Collaborative Research: US-Japan Data Sharing Proposal: Global EEG Cloud Platform To Validate The Neurophysiology Of Mental Wellbeing Across Laboratory And Real-World Settings. (US PI Rachel Razza). National Science Foundation. Project period: 2023-2026.

**External grants active:**

“The development of inferred perception in ASD”; Binational Science Foundation Co-Investigators (Hadad, Russo, Kalish); Project Period: 2021-2025 [TDC: $250,000; Project period: 2021-2025]

**Internal grants active:**

Follow up of preterm babies to examine age 3- 5 outcomes; (PI: Prieve, Russo); Collaboration for Unprecedented Success and Excellence (CUSE) Grant; Project Period: 2020-2022 [TDC: $28,000]

**Completed grants**

Developing a sensory model of autism (Project PI: Schaaf; Subproject PIs: Russo, Baranek, Cascio, Woynaroski, Green); Nancy Lurie Marks foundation grant; Project Period: 2019-2022 [TDC: SU subcontract $48,970]

Measuring Brain Neurophysiology in Neonates (2019); Syracuse University small equipment grant. (PI: Russo); [TDC: $25,000]

Towards using Auditory subcortical and cortical responses to screen for autism, hearing loss and language disorders; Collaboration for Unprecedented Success and Excellence (CUSE) Grant; (PI: Russo, Prieve); Project Period: 2018-2020; [TDC: $29,380]

Subcortical and cortical potentials in preterm infants: Towards Development of Biomarkers for autism, hearing loss and language delay (PIs Prieve, Russo); Gerber Foundation; Project Period: 2018-2020; [TDC: $8, 428].

The neurophysiology of sensory processing and multisensory integration among persons with an autism spectrum disorder; National Institute of Mental Health, R01; (PI: Russo-MH101536); Project period: 2013-2020 [TDC: $1,435,000]

The impact of social isolation on cerebrovascular reactivity and cognitive function in community-dwelling older adults (PI: Heffernan, Russo); NIH/NIA P30AG034464; Project Period: 2013-2014; [TDC: $31,916]

Efficacy of whey protein to improve cerebrovascular and cognitive function in older adults; National Dairy Council, Dairy Research Institute (PI Heffernan, Co-PI, Russo); Project Period: 2012-2015; [TDC: $349, 617]

Neurophysiological mechanisms of temporal processing of rapidly presented visual information among typically developing children, children with an autism spectrum disorder and children with Velo-Cardio-Facial Syndrome (PIs: Russo, Kates, Wyble); Hill Collaboration for Environmental medicine; Project Period: 2012-2014; [TDC: $10,000]

Sensory processing and integration in autism (PI : Molholm & Foxe) National Institute for Mental Health, R01; Role: Co-I; Project Period: 2009-2014; [TDC: $2,774,606]

Multisensory integration in autism; Postdoctoral Fellowship (FQRSC) PI: Russo; Project Period: 2007-2009 [TDC: $40,000]

Autism Research Training Postdoctoral Fellowship, PI: Russo; Project Period: 2007-2009

[TDC: 30,000]

Executive function in children with an autism spectrum disorder; FQRSC Doctoral Fellowship; PI Russo; Project Period: 2003-2006 [TDC: $40,000]

**PUBLICATIONS** (student co-authors underlined)

**Under Review**

1. **Russo, N.**, Kaplan-Kahn, E., Lane, K., Napoleon, J.S., Enns., J., & Burack, J.A. (submitted). Attentional processing among children with Fetal Alcohol Spectrum Disorders. Attentional processing among children with Fetal Alcohol Spectrum Disorders.
2. Kaplan-Kahn, E., Matsuba, E. S. M., Shea, N., Prawl, A., Hagman, C., Kates, W., & **Russo, N.** (submitted). Electrophysiological Correlates of the Attentional Blink in Autism.
3. Cary, E., Rao.,A., Matsuba, E., & **Russo** (submitted). Barriers to an Autistic Identity:
How RRBs may Contribute to the Underdiagnosis of Females.
4. Masters, E., Anthsel, K., Kates, W., & **Russo, N.** (submitted). Do sensory features predict autistic traits when controlling for developmental effects and ADHD symptoms
5. Williams, Z. J., Schaaf, R., Ausderau, K. K., Baranek, G. T., Barrett, D. J., Cascio, C. J., Dumont, R. L., Eyoh, E. E., Failla, M. D., Feldman, J. I., Foss-Feig, J. H., Green, H. L., Green, S. A., He, J. L., Kaplan-Kahn, E. A., Keçeli-Kaysılı, B., MacLennan, K., Mailloux, Z., Marco, E. J., … Woynaroski, T. G. (submitted). *Examining the latent structure and correlates of sensory reactivity in autism: A multi-site integrative data analysis by the Autism Sensory Research Consortium* (rs-2447849). Research Square. <https://doi.org/10.21203/rs.3.rs-2447849/v1>

**Psy/BioArXiv or OSF** (non-peer reviewed but published)

1. Kaplan-Kahn E. **Russo, N**., & Kellen, D. (2023, January 15th). “The volume of your voice does not increase the validity of your argument,” but a proper dataset might: Spoken language stimulus set with detailed acoustic features.
2. Kaplan-Kahn, E. A., **Russo, N**., & Iarocci, G. (2021, December 2). Validating Three Common Self-Report Measures of Social Functioning: Implications for Autism Research. <https://doi.org/10.31234/osf.io/b3nat>
3. Williams, Z. J., Schaaf, R., Ausderau, K. K., Baranek, G. T., Barrett, D. J., Cascio, C. J., Dumont, R. L., Eyoh, E. E., Failla, M. D., Feldman, J. I., Foss-Feig, J. H., Green, H. L., Green, S. A., He, J. L., Kaplan-Kahn, E. A., Keçeli-Kaysılı, B., MacLennan, K., Mailloux, Z., Marco, E. J., … Woynaroski, T. G. (2023). *Examining the latent structure and correlates of sensory reactivity in autism: A multi-site integrative data analysis by the Autism Sensory Research Consortium* (rs-2447849). Research Square. <https://doi.org/10.21203/rs.3.rs-2447849/v1>

**Peer-reviewed journal articles**

1. McKernan, E. P., **& Russo, N.** (accepted). Factorial Invariance of the CESD-R and DASS-21 Across Adults with Low and High Levels of Autistic Traits.
2. Cary, E., Pacheco, D., Kaplan-Kahn, E., Mckernan, E., Prieve, B., & **Russo, N.** (2023). Timing is everything: Early and late neural measures of auditory habituation and discrimination in autism and their relationship to autistic traits and sensory overresponsivity. DOI: 10.1007/s10803-022-05866-8
3. Matsuba, E, Prieve, B., Cary, E., Pacheco, D., Madrid, A., McKernan, E., Kaplan-Kahn, E., & **Russo, N.** (2022). Speech from the brainstem to the cortex to behaviour: Characterizing subcortical and cortical auditory processing and their relation to autistic traits and sensory features.
4. Matsuba, E., **Russo, N.**, McKernan, E., Curl, R., Dawkins, T., Flores, H., Miseros, M., Stewart, J., Brodeur, D., & Burack, J. (2022). Visual filtering over time and space for persons with Down Syndrome. *Journal of Intellectual Disabilities Research.*
5. Columna, L., Prieto, L.A., Beach, P. **Russo, N.,** & Foley, J.T. (2021). A Randomized Feasibility Trial of a Fundamental Motor Skill Parent-Mediated Intervention for Children with Autism Spectrum Disorders.
6. Kaplan-Kahn EA, Park A, Russo N. (2021). Pathways of perceptual primacy: ERP evidence for relationships between autism traits and enhanced perceptual functioning. *Neuropsychologia*. doi: 10.1016/j.neuropsychologia.2021.108065. Epub ahead of print. PMID: 34673045.
7. Levitsky, D., Confair, A.,Wagner, K, DeVita, S., Shea., N., McKernan, E. P., Kopec, J., **Russo, N.**, Middleton, F.A., & Hicks, S. (2021). Longitudinal stability of salivary microRNA biomarkers in children and adolescents with autism spectrum disorder.
8. Salekin, A., & **Russo, N.** (2021).Understanding autism: the power of EEG harnessed by prototypical learning. Association for computing machinery.
9. Burack, J.A., Evans, D.W., **Russo, N.**, Napoleon, J.S., Bus, V., & Iarocci, G. (2021). Science of Humanity and the Humanity of Science: Ed Zigler’s Ongoing Legacy in Making the World a Better Place for Children*. Development and Psychopathology.*
10. **Russo, N.**, Kaplan, E., Wilson, J., Criss, A., & Burack, J.A., (2021). Choices, challenges, and constraints: a pragmatic examination of the limits of mental age matching in empirical research. *Development and Psychopathology.*
11. Burack, JA., Evans, D.A., **Russo, N.**, Napoleon, J. S, Goldman, K.J., & Iarocci, G. (2021). Developmental perspectives on the study of persons with intellectual disability. *Annual Review of Clinical Psychology*, 17, [ePub].
12. Kopec J, Hagmann C, Shea N, Prawl A, Batkin D**, Russo N.** (2020). Examining the Temporal Limits of Enhanced Visual Feature Detection in Children with Autism. *Autism Research*. 2020;10.1002/aur.2361. doi:10.1002/aur.2361
13. Mac Namara, S. C., Rauh, A.E., Blum, M.M., **Russo, N.,** Green, M.A., & Nangia, S. (2020). Peer Mentoring for Women in STEM. *American Society for Engineering Education Annual Conference Proceedings.*
14. Cary, E. L., **Russo, N.**, Racer, K. H., & Felver, J. C. (2020). Neural Correlate of Acceptance: Relating Individual Differences in Dispositional Acceptance to Error Processing. *Mindfulness*, *11*(6), 1401-1412.
15. McKernan, E.P., Cascio, C. & **Russo, N.** (2020). Sensory overresponsivity as a predictor of amplitude discrimination performance in youth with ASD. *Encyclopedia of Autism Spectrum Disorder.*
16. Burack, J. A., Evans, D. W., Lai, J., **Russo, N**., Landry, O., Kovshoff, H., ... & Iarocci, G. (2020). Edward Zigler's legacy in the study of persons with intellectual disability: the developmental approach and the advent of a more rigorous and compassionate science. *Journal of Intellectual Disability Research*, *64*(1), 1-6.
17. Heffernan, K, Columnas, L., Prieto, L, Keller, A, Pagan, P., DeBlois, J., Prawl, A., Revolledo, G., Myers, B, **Russo, N.,** & Barreira, T. (2019). Home blood pressure assessment in children with autism spectrum disorder A feasibility study. *Artery Research, 25 (3),* 1175-1196.
18. Hadad, B., Burack, J.A., **Russo, N.,** & Kimchi, R. (2019). Typical utilization of Gestalt grouping cues in shape perception in ASD*.*
19. McKernan, E. P., Wu, Y., & **Russo, N.** (2019) Sensory overresponsivity as a predictor of amplitude discrimination performance in youth with ASD. *Journal of Autism and Developmental Disorders,1-9, https://doi.org/10.1007/s10803-019-04013-0*
20. Anthsel, K., & **Russo, N.** (2019). Autism Spectrum Disorders and ADHD - Overlapping Phenomenology, Diagnostic Issues and Treatment Considerations*. Current Psychiatry Reports, 21 (5), 34*
21. Kopec, J., **Russo, N.,** Antshel, K., Freemont, W., &Kates, W. (2018). Temporal attentional processing among persons with 22q11.2 syndrome. *Cortex, 108, 67-79*
22. **Russo, N.,** Hagmann, C., Andrews, R., Black, C. Silberman, M., & Shea, N. (2018). Validation of the C.A.R.E. stim set of 650 animal pictures: name agreement and quality ratings. *PLOS One, 13, 2,* [*https://doi.org/10.1371/journal.pone.0192906*](https://doi.org/10.1371/journal.pone.0192906)
23. Shea, N., Payne, E., & **Russo, N.** (2018) Predictors of externalizing behaviors in Autism Spectrum Disorders. *Journal of Autism and Developmental Disorders, 58, (6), 2237-2242.*
24. **Russo, N.**, LeBlanc, M., Shea, N. Kates, W. R., & Wyble, B. (2018). Adults blink more deeply: A comparative study of the attentional blink across different age groups. *Developmental Science, 21 (2), e12512*
25. Shea, N., Kopek, J. , McKernen, E. , & **Russo, N.** (2018). Autism Rating scales. The SAGE Encyclopedia of Intellectual and Developmental Disorders.
26. Heffernen, K., Columna, L., **Russo, N.,** Myers, B., Ashby, C.E., Norris, M.L., & Barreira, T.V. (2018). Physical activity, body mass index and central hemodynamic burden in children with an Autism Spectrum Disorder: Preliminary findings. *Journal of Autism Spectrum Disorders, 48(2), 625-631.*
27. McKernen, E. P., **Russo, N.** Burnette, C., & Kates, W. (2017). ASD concordance of twins across DSM-IV-TR and DSM-5 diagnostic criteria. *Research in Autism Spectrum Disorders, 41, 51-56.*
28. **Russo, N.**, Kates, W., & Wyble, B. (2017). The development of the attentional blink in a feature binding task: errors and correct responses tell different parts of the story. *Journal of Experimental Child Psychology, 164-32-44.*
29. Davis, T.D., Columna, L., Abdo, A.L., **Russo, N.**, Toole, K., & Norris, M.L. (2017). Using sensory motor activities and training for families of children with Autism Spectrum Disorders. *Palaestra.*
30. Hadad, B.S., Goldstein, E. K., & **Russo, N.** (2017). Atypical perception in autism: A failure of perceptual specialization? *Autism Research.* [Epub ahead of print]
31. Campbell, A., **Russo, N,** Landry, O., Jankowska, A. M., Stubbert E., Jacques, S. & Burack, J.A. (2017). Nonverbal, rather than verbal, functioning may predict cognitive flexibility among persons with autism spectrum disorder: A preliminary study. *Research in Autism Spectrum Disorders 38, 19-25.*
32. Burack, J. A., Russo, N., Kovshoff, H., Palma Fernandes, T., Ringo, J., Landry, O., & Iarocci, G. (2016). How I attend—not how well do I attend: Rethinking developmental frameworks of attention and cognition in autism spectrum disorder and typical development. *Journal of Cognition and Development*, *17*(4), 553-567.
33. Hagmann, C.E., **& Russo, N.** (2016). Multisensory integration of redundant trisensory stimulation*. Attention, Perception and Psychophysics,* DOI: 10.3758/s13414-016-1192-6
34. Hagmann, C. E, LeBlanc, M., Kates, W., Wyble, B., & **Russo, N.** (2016). Children with Autism detect targets at very rapid presentation rates with similar accuracy as adults. *Journal of Autism and Developmental Disorders, 46*(5), *1762-72.*
35. Foxe, J. J., Molholm, S., Del Bene, Victor A., **Russo, N.**, Blanco, D., Frey, H.P., Saint-Amour, D., & Ross, L., (2015). Severe multisensory speech integration deficits in high-functioning school-aged children with an autism spectrum disorder and their resolution during early adolescence. *Cerebral Cortex, 25*(2), *298-312.*
36. Kates, W. R., **Russo, N.,** Wood, W. M., Antshel, K. M., Faraone, S. V., & Fremont, W. P. (2015). Neurocognitive and familial moderators of psychiatric risk in velocardiofacial (22q11. 2 deletion) syndrome: a longitudinal study. *Psychological medicine, 45*(8), *1629-39.*
37. Lane, K., Stewart, J., Fernandes, T., Porporino, M., **Russo, N.**, Enns, J. T., & Burack, J. A., (2014). Complexities in understanding attentional functioning among children with Fetal Alcohol Spectrum Disorder. *Frontiers in Human Neuroscience, 8.*
38. Berko, E. R., Suzuki, M., Beren, F., Alaimo, C., Calder, R. B., Ballaban-Gil, K. et al. (2014). Mosaic epigenetic dysregulation of ectodermal cells in autism spectrum disorder. *PLoS genetics, 10*(5), e1004402.
39. Frey, H. P., Molholm, S., Lalor, E., **Russo, N.,** & Foxe, J.J. (2013) Atypical cortical representation of peripheral visual space in children with an autism spectrum disorder. *European Journal of Neuroscience, 38, 2125-38*.
40. Brandwein, A., Foxe, J. J**.,** Butler, J., **Russo, N.,** & Altschuler, T., & Molholm, S. (2013). The development of multisensory integration in high functioning autism: High-density electrical mapping and psychophysical measures reveal impairments in the processing of audiovisual inputs. *Cerebral Cortex, 23, 1329-41*.
41. Campbell, C., Landry, O., **Russo, N.,** Jacques, S., Flores, H., & Burack, J.A. (2013). Cognitive flexibility among individuals with Down Syndrome: Assessing the influence of verbal and non-verbal abilities. *American Journal on Intellectual and Developmental Disabilities, 118*(3)*, 193-200.*
42. Landry, O., **Russo, N.,** Dawkins, T., Zelazo, P.D., & Burack, J. A. (2013).The Impact of Verbal and Nonverbal Development on Executive Function in Down Syndrome and Williams Syndrome. *Journal on Developmental Disabilities and the International Journal of Down Syndrome, Joint Issue, 18*(2), *26-35.*
43. Fryberg, S., Troop-Gordon, W., D’Arrisso, A., Flores, H., Ponizovsky, V., Ranney, J., Mandour, T., Tootoosis, C., Robinson, S., **Russo, N.,** & Burack, J. A. (2013). Cultural mismatch and the education of aboriginal youth: The interplay of cultural identities and teacher ratings. *Development and Psychology, 49*(1), *72.*
44. Burack, J. A., Dawkins, T., Stewart, J., Flores, H., Iarocci, G., & **Russo, N.** (2012). "The mysterious myth of attention deficit" revisited: A discussion of how the developmental approach is transforming the understanding of intellectual disability. *International Review of Research in Developmental Disabilities, 42, 147-77.*
45. **Russo, N.,** Burack, J. A., Mottron, L., & Jemel, B. (2012) Parameters of semantic multisensory integration depend on timing and modality order among people on the autism spectrum: Evidence from event-related potentials. *Neuropsychologia, 50, 2131-41.*
46. Altschuler, T. S. Molholm, S., **Russo, N,** Snyder, A.C., Brandwein, A. B., Blanco, D., & Foxe, J. J. (2012). Early electrophysiological indices of illusory contour processing within the lateral occipital complex are virtually impervious to large-scale manipulations of illusion strength. *NeuroImage, 59*(4), *4074-85.*
47. Brandwein, A. B., Foxe, J. J. F, **Russo, N.**, Altschuler, T. Gomes, H., & Molholm, S. (2011). The development of audiovisual multisensory integration across childhood and early adolescence: A high-density electrical mapping study. *Cerebral Cortex, 21*(5), *1042-55.*
48. **Russo, N.,** Foxe, J. J., Gomes, H., Brown, A., Altschuler, T, Gomes, H., & Molholm, S. (2010). Multisensory Processing in Children with Autism: High-density electrical mapping of auditory-somatosensory integration. *Autism Research, 3, 1-15*.
49. Stewart, M. E., **Russo, N.**, Banks, J., Miller, L., & Burack, J. A. (2009). Sensory Characteristics in ASD. *McGill Journal of Medicine, 12*, *108-111*.
50. Burack, J.A., Joseph, S., **Russo, N.,** Shore, D., Porporino, M., Enns, J. (2009). Change detection in naturalistic pictures among children with autism. *Journal of Autism and Developmental Disorders, 39*(3)*, 471-79.*
51. Flanagan, T., **Russo, N.,** Flores, H., & Burack, J. A. (2008). The developmental approach to the study of Down syndrome: Contemporary issues in historical perspective. *Down Syndrome Research and Practice, 96-100.*
52. Burack, J. A. & **Russo, N.** (2008). On why joint attention might look atypical in autism: A case for a strong policy statement but more nuanced empirical story. *Child Development Perspectives, 2*(1), *46-48.*
53. **Russo, N.,** Burack, J., Flanagan, T., Berringer, D., Iarocci, G. & Zelazo, P. D. (2007). Deconstructing executive deficits among children with autism: implications for cognitive neuroscience. *Brain and Cognition, 77-86.*
54. Flanagan, T., Enns, J., **Russo, N.,** Randolph, B., Abedutto, L., Murphy, M., & Burack, J. A. (2007). Differences in visual orienting between persons with Down or Fragile syndromes. *Brain and Cognition, Special Issue, 128-34.*
55. Burack, J. A., Russo, N., Matejka-Grivas, A., Bonnel, A., & Iarocci, G. (2005). Science in motion: The quest for coherence in emerging research on autism. *Current Psychology of Cognition, 23*, *84-93.*
56. Cornish, K., Burack, J., Rahman, A., **Russo, N.,** & Grant, C. (2004). Theory of mind deficits in children with fragile X syndrome. *Journal of Intellectual Disability Research,* *492, 372-78*.

**Book chapters**

1. Kaplan, E., McKernan, E., Kopec, J., Matsuba, E., & **Russo, N.** (2022). The development of attention in Down Syndrome. In J.A. Burack & J. Edgin (Eds.) The Oxford Handbook of Down Syndrome and Development. Oxford University Press.
2. **Russo, N.,** Luke, M., Columna, L., Heffernan, K., & Ingram, E. (2017). A community-based theatre arts program for adults with disabilities: finding evidence through research, observation, and individual transformation. In M. Reason, N. Rowe (Eds.), Applied Practice: Evidence and Impact in Theatre, Music and Art. Bloomsbury Methuen: London
3. Burack, J.A., Reynolds, A., Landry, O., Klassen, G., **Russo, N.**, & Fryberg, S. (2017). Cultural Perspectives and Influences on Developmental Psychopathology: Lessons about Risk, Disorder and Well-being from the Study of the Indigenous Peoples of North America. *Handbook on cultural influences.* Wiley.
4. Burack, J.A., **Russo, N.,** Gordon-Green, C. Landry, O & Iarocci, G. (2016). Developments in the Developmental Approach to Intellectual Disability. In D. Ciccetti (Ed.). *Developmental Psychopathology*, *1-67*. Wiley.
5. Eckert, T., Hier. B. O., & **Russo, N.** (2013). Best Practices in School Psychologists’ Promotion of Effective Collaboration and Communication between School Professionals. In Patti L. Harrison and Alex Thomas (Eds). *Best Practices in School Psychology: Data-Based and Collaborative Decision Making, 541-53.* NASP: Bethesda, MD.
6. Burack, J. A., **Russo, N.**, Flores, H., Iarocci, G., & Zigler, E. (2012). The more we know, the less we know, but that’s OK: Developmental implications for theory, methodology, and interpretation. In J. A. Burack, R. M. Hodapp, G. Iarocci, & E. Zigler (Eds.), *Handbook of intellectual disability and development,* *3-10*. New York: Oxford University Press.
7. **Russo, N.**, Dawkins, T., Huizinga, M., & Burack, J. A. (2012). Executive functions and intellectual disability: A developmental perspective. In J. A. Burack, R. M. Hodapp, G. Iarocci, & E. Zigler (Eds.), *Handbook of intellectual disability and development*, *(pp.* 125-137). New York: Oxford University Press.
8. Burack, J. A., **Russo, N.,** Dawkins, T., & Huizinga, M (2010). Development and regressions in rule use: The case of Zenadine Zidane. In B. W. Sokol, J. Carpdendale, U Müller, A. Young, A., & G. Iarocci (Eds.). *Self- and social-regulation: Exploring the relations between social interaction, social cognition, and the development of executive functions* (pp. 111-128)*.* New York: Oxford University Press.

**Manuscripts in progress** (manuscript available upon request)

1. **Russo, N.,** Hagmann, C., Prawl, A., Kates,W., & Wyble, B. (in prep). Encoding latency advantages do not translate into higher accuracy: evidence from single and dual target RSVP tasks and electrophysiology.
2. **Russo, N.,** Cascio, C., Baranek, G., Woynaroski, T., Williams, Z., Green, S., and the autism sensory research consortium (in prep). A developmental sensory model of autism.
3. Rao, A., Cary, E., & **Russo, N.** (in prep). Predicting Anxiety in Young Autistic People: A Mixed-Methods Analysis of Restricted and Repetitive Behaviors
4. Helminen, E., Kaplan-Kahn, E., Prussien, K., Felver, J., & Russo, N. (in prep). A review examining the potential for school psychologists to assist in the transition from pediatric to adult healthcare in sickle cell disease.

**PRESENTATIONS**

**Conference or symposium presentations:**

1. **Russo, N.** (December, 2021). A developmental sensory model of autism. Nancy Lurie Marks Family Foundation.
2. **Russo, N.** (December, 2021). Changing perceptions of autism through neurophysiological investigations of autistic perception. University of Minnesota, Institute of Child Development.
3. **Russo, N.** (June, 2021). Perception in autism. Invited talk, University of South Carolina
4. **Russo, N.** (June, 2020). Changing perceptions of autism spectrum disorders through (neuro)science. Grand Rounds at SUNY Upstate medical school, department of psychiatry.
5. **Russo, N.** (April 6th, 2018). Changing perceptions of autism spectrum disorders through (neuro)science. Invited talk at the Syracuse University Neuroscience Research day
6. **Russo, N**. (invited, June 16th, 2017). Sensory processing and multisensory integration in autism spectrum disorders. Invited conference presenter and discussant. Symposium on Vision and Other Sensory Functions in Autism. Thomas Jefferson University
7. Columna, L., Dillon, S., Norris, M., **Russo, N.,** Myers, B., Ashby, C., Barreira, T., Heffernan, K. (Fall, 2016). The Role of Interdisciplinary Interventions for Children with Disabilities: Physical Activity Programs for Children with Autism. Presented at the National Federation of Adapted Physical Activity held in Canada.
8. **Russo, N.** (March 30th, 2016). Symposium presentation: Advances in neurodevelopmental theory and implications for research approaches in neurodevelopmental disorders. The ART program and NeuroDevNet invitation to the Autism Research Training Winter Institute, Banff, Alberta, Canada
9. **Russo, N.** (May, 14, 2015). Visual Search in Time Among Persons with an Autism Spectrum

Disorder. Part of a panel on “Attending to Attention Among Persons with Autism Spectrum Disorder: Perspectives on Strengths, Weaknesses, and Goodness-of-Fit”. International Meeting for Autism Research, Salt Lake City, Utah.

1. **Russo, N**. (December 4th, 2014). Visual attention in typical development, autism spectrum disorder and velo-cardio-facial syndrome. Grand Rounds. SUNY Upstate
2. **Russo, N**., Burack, J.A., Hosein, A. & Jemel., B., (May, 2008). Barking Frogs and Chirping Frogs: A behavioral and brain EEG study of multisensory matching among persons with Autism Spectrum Disorders, International Meeting for Autism Research. London, England.
3. **Russo, N.** (June, 2012). Autism Spectrum Disorders: A clinical and research perspective. Project advance lecture. Syracuse, NY.

**Guest lectures in academic settings:**

1. Russo, N. (November 9, 2018). Autism Spectrum Disorders: the sensory perspective. Guest lecture for Dr. Louise Manfredi. Industrial Design course. The Warehouse, Syracuse, NY.
2. Russo, N. (October 10, 2018). Event-related potentials: methods and measurement. Invited lecture Methods in Neuroscience, Syracuse University.
3. Russo, N. (March 22, 2018). Developmental psychopathology and neuroscience: perspectives from intellectual disability research. Invited lecture at McGill University
4. Russo, N. (November 2nd, 2017). Autism Spectrum Disorders: the sensory perspective. Guest lecture for Dr. Louise Manfredi. Industrial Design course. The Warehouse, Syracuse, NY.
5. Russo, N. (April 7th, 2017). Opening address, Neuroscience Research Day, Syracuse, NY.
6. Russo, N. (March 9th, 2017). Sensory processing and multisensory integration in Autism Spectrum Disorders. Seminar given to students in Graduate Neuroscience Concentration, Syracuse University
7. Russo, N. (February 23rd, 2017). The reciprocal relationship between development and neuroscience. Invited lecture at McGill University
8. Russo, N. (April 1st, 2016). Meet the expert lunch: perception and sensation in autism spectrum disorders. The ART program and NeuroDevNet invitation to the Autism Research Training Winter Institute, Banff, Alberta, Canada.
9. Russo, N. (March 30th, 2016). 10 tips for surviving the transition to the tenure track: tips for setting up and managing a lab. The ART program and NeuroDevNet invitation to the Autism Research Training Winter Institute, Banff, Alberta, Canada.
10. Russo, N. (April 15, 2016). Opening address, Neuroscience Research Day, Drumlins, Syracuse, NY.
11. Russo, N. (December 4, 2015). The Peer Review Process. Colloquium for the Cognition, Brain and Behavior proseminar series.
12. Russo, N. (November 13, 2015). Sensory processing and multisensory integration in Autism Spectrum Disorders. Seminar given to students in Graduate Neuroscience Concentration, Syracuse University
13. Russo, N. (November 10, 2015). A primer on Event-Related Potentials. Seminar given to students in Graduate Neuroscience Concentration, Syracuse University
14. Russo, N. (November 16th, 2014). Sensory processing and multisensory integration among individuals with an autism spectrum disorder. NIH BRAINS Award ceremony, Washington, D.C. Society for Neuroscience.
15. Russo, N. (November 1, 2013). Multisensory integration in ASD. Talk given to the Dean’s Team, Syracuse University, November 1.
16. Russo, N. (December 4th, 2012). Guest lecture: New set of diagnostic criteria for autism: Potential impacts on service eligibility and family services. Syracuse University Neuroscience Capstone class
17. Russo, N. (November, 29th, 2012). Guest lecture: Autism: A variant within the human species? Syracuse University Neuroscience Capstone class.

**Community outreach/workshops**

1. Russo, N (April 4th, 2022). Autism Spectrum Disorder Considerations for supporting autistic adults. SUNY Upstate Medical School.
2. Russo, N. (August 19-20th, 2019). Autism in the schools. Seminar given to Lafayette School district 8. Russo, N. (October, 26, 2019). So, you want to be a school psychologist…? Talk given to students interested in school psychology, Diversifying Psychology weekend, Syracuse University.
3. Russo, N. (October, 26, 2018). So, you want to be a school psychologist…? Talk given to students interested in school psychology, Diversifying Psychology weekend, Syracuse University.
4. Russo, N.R. (2018). Psychological (Neuro)science in the service of autism. Seinfeld Scholar Presentation. Syracuse University.
5. Russo, N. (November 10, 2013). Developing a partnership between the SU community and the CARE lab. Talk given to parents of children with an ASD. November 10, Syracuse University.
6. Russo, N. (December, 2009). Multisensory integration among persons with ASD: Evidence from electrophysiology. Invited address for the Autism Parent Society of NY, Nyack.
7. Russo, N. (December, 2009). Reframing behavioral management in ASD using the TEACCH approach. Invited address for the Autism Parent Society of NY, Nyack.
8. Russo, N., Brown-Brandwein, A., & Molholm, S. (October, 2008). Introduction to multisensory research: a primer for parents. Invited address for the Autism Parent Society of NY, Nyack.
9. Russo, N. (January, 2007). Miriam foundation Community Outreach Program: Visual Strategies for persons with developmental disabilities, Montreal, Qc, 60 minutes
10. Russo, N. (February, 2007). Miriam Foundation Lecture Series: Introduction to the TEACCH model: Philosophy and approaches to treatment for Autism Spectrum Disorders. Montreal, QC

**Posters Presentations (since 2009)**

1. He., J., Hwa, H., Lazerwitz, M., Kaplan-Kahn, E., A., Marco, E., Russo, N., Schaaf, R., Puts, N., Powers, R., (Submitted). Tactile Sensitivity in Autism across the Lifespan: A Multi-Site Study. Poster submitted for the International Society for Autism Research Annual Meeting in Stockholm, Sweden.
2. Soto, E., Orantes, D., Russo, N., Antshel, K. (Submitted). Examination of Prevalence Rates, Psychological Correlates, and Treatment Outcomes Among SGM and Non-SGM College Students with and without ASD. Poster submitted for the International Society for Autism Research Annual Meeting in Stockholm, Sweden.
3. Soto, E., Shea., N., Matsuba, E., Mackenzie, C., Osborne, J., Chen, X., Shuter, E., Antshel, K., & Russo, N. (Submitted). *Do ADHD Symptom Clusters Mediate the Link between Autistic Traits & Error-Related Negativity? An EEG/ERP Study.* Poster submitted for the International Society for Autism Research Annual Meeting in Stockholm, Sweden.
4. Matsuba, E. S. M., Cary, E., Soto, F. E., Watts, E., Mackenzie, C., Osborne, J., Chen, X., Shuter, E., & Russo, N. (Submitted). *Finding a Perfect Match: An ERP study comparing Age and IQ Matching*. Poster submitted for the International Society for Autism Research Annual Meeting in Stockholm, Sweden.
5. Cary E.L., Rodrigues, A., Masters, E., Matsuba, E., MacKenzie, C., Osborne, J, & Russo, N. (may, 2022). Trauma Mediates the relation between Autistic Traits and Sensory Sensitivity and Avoiding in Adults. International Society for Autism Research, Austin, Texas.
6. Cary E.L., Rao, A., Matsuba, E., Masters, E., MacKenzie, C., Osborne, J, & Russo, N. (2022). Barriers to an Autistic Identity: How RRBs may Contribute to the Underdiagnosis of Females. International Society for Autism Research, Austin, Texas.
7. Matsuba, E., Carry, E.L., Pacheco, D., Madrid, A., Prieve, B, & Russo, N. (2022).Spanning the Auditory System: Subcortical and Cortical Auditory Processing of Speech Sounds in Autistic and Typically Developing Children. International Society for Autism Research, Austin, Texas.
8. Cary, E.L., Kaplan-Kahn, E.A., Masters, E., Matsuba, E., MacKenzie, C., Rodrigues, A., Prieve, B., Pacheco, D., Madrid, A., & **Russo, N.** (2021). Relating ASD Traits and Sensory Overresponsivity to Early Electrophysiological Indices of Auditory Processing in Children with and without ASD. International Society for Autism Research 2021 Annual Meeting
9. Masters, E.C., McKernan, E.P., Kopec, J., Kaplan-Kahn, E.A., Cary, E.L., Matsuba, E., Rodrigues, A., MacKenzie, C., & **Russo, N.** (2021). The Impact of ADHD Symptoms and Age on Sensory Features in Autism. International Society for Autism Research 2021 Annual Meeting.
10. Wilson, J.H., Russo, N., Kaplan-Kahn, E.A, Criss, A & Burack, J.A., (2020). Choices, challenges, and constraints: a pragmatic examination of the limits of mental age matching in empirical research. Poster submitted to the Psychonomics Society.
11. Zafarghandi, S.H., Wyble, B., & Russo, N. Finding the Explanatory Limits of the eSTST Model of the Attentional Blink. Journal of Vision 2020;20(11):1315. doi: <https://doi.org/10.1167/jov.20.11.1315>.
12. Cary, E. L. Kaplan, E. A. Masters, E., Matsuba, E, Prieve, B., Pacheco, D. Rodrigues, A. & Russo, N. (2020). Early Neural Difference in Auditory Processing of Speech in Children with ASD: Is It Habituation or Discrimination? International Society for Autism Research 2020 Annual Meeting, Seattle, Washington – Cancelled due to COVID-19 Pandemic.
13. Kaplan, E. A., Cary, E., Masters, E., Matsuba, E., Rodrigues, A. & **Russo, N.** (2020). Pathways of Perceptual Primacy: ERP Evidence for Relationships between Autism Traits and Enhanced Perceptual Functioning. International Society for Autism Research 2020 Annual Meeting, Seattle, Washington – Cancelled due to COVID-19 Pandemic.
14. Garber, M., Cary, E.. , & **Russo, N.** (August, 2019). Neurological Indicator of Traits Associated with Autism Spectrum Disorder. Presented at the Syracuse University College of Engineering and Computer Science Conference.
15. Levitskiy, D. Wagner, K. E. Rajan, A. Ericson, R., Shea, N, McKernan, E.P., Kopec, J. Hicks, S. D., **Russo, N** & Middleton, F. A. (May, 2019) Correlations between Psychological Assessments and RNA Concentrations in Saliva of Adolescents and Adults with ASD. International Society for Autism Research 2019 Annual Meeting, Montreal, Canada.
16. Garber, M., Cary, E. , & **Russo, N.** (May, 2019). Neurological Indicator of Traits Associated

with Autism Spectrum Disorder. Presented at the McNair Spring 2019 Research

Symposium.

1. Kopec, J., McKernan, E. P., Kaplan, E. A., Koelmel E. L., Masters, E. C., & **Russo, N.** (may, 2019). Individuals with higher autistic traits are less susceptible to social conformity on a perceptual decision-making task. International Society for Autism Research 2019 Annual Meeting, Montreal, Canada.
2. Kaplan, E. A., **Russo, N.**, McKernan, E. P., Kopec, J., Koelmel E. L., & Masters, E. C. (May, 2019) This is a Question? Prosody, Social Communication, and the N400 Effect. International Society for Autism Research 2019 Annual Meeting, Montreal, Canada.
3. Miseros, M., **Russo, N.**, McKernan, E.**,**Masucci, R., Lum, W., Stewart, J., Brodeur, D., & Burack, J.A. (May, 2018). Dynamic Visual Filtering in Individuals with Down Syndrome: Effects of Time and Space. Poster presented at Development, Niagara Falls, Canada.
4. McKernan, E, Kopec, J., Kaplan, E., Kolemel, E. & **Russo, N.** (May, 2018). The Relationship of Sensory Overresponsivity to Amplitude Discrimination. Poster accepted at the International Society for Autism Research, Rotterdam, The Netherlands
5. Kaplan, E., McKernan, E., Kopec, J., Prawl, A., Kolemel, E. & **Russo, N.** (May, 2018). EEG Correlates of the Attentional Blink: Relationship to Autism Symptoms. Poster accepted at the International Society for Autism Research, Rotterdam, The Netherlands.
6. Kopec, J. Prawl, A., McKernan, E., Kaplan, E., Kolemel, E. , & **Russo, N** (May, 2018). Enhanced visual perception in children and adults with autism in the temporal domain. Poster accepted at the International Society for Autism Research, Rotterdam, The Netherlands.
7. Bell, C., Wu, Y., McKernan, E., & Russo, N. (May, 2018). Color Choice: Accuracy and Autistic Traits Poster presented at Syracuse University Psychology Poster session, Syracuse, NY.
8. Bryant, E., Mercan, E.N. Kaplan, E., & Russo, N. (May, 2018). Is Socialization standardized? A correlational analysis of three social functioning scales. Poster presented at Syracuse University Psychology Poster session, Syracuse, NY.
9. O’Halloran, S. & Russo, N. (May, 2018). Accuracy of target detection in two RSVP tasks. Poster presented at Syracuse University Psychology Poster session, Syracuse, NY.
10. Andrews, R. & Russo, N., (November, 2017). Presence of an n400 ERP Component with Mismatched Audiovisual Stimuli. Poster presented at the Society for Neuroscience Undergraduate poster session, Washington, D.C.
11. Shea, N., Flanagan, T., Burack, J.A., & **Russo, N.** (May, 2017). Memory Profiles Between Individuals with ASD with High or Low Cognitive Abilities: A Cautionary Tale about Generalizing Across the Autism Spectrum. Poster presented at the International Meeting for Autism Research, San Francisco, California.
12. Shea, N., Payne, E. , McKernan, E., Kopec, J., Kaplan, E.A., Antshel. K, Kates, W.R., & **Russo N.** (May, 2017). The Relationship Between Socialization and Externalizing Problems in ASD and VCFS. Poster presented at the International Meeting for Autism Research, San Francisco, California.
13. McKernan, E., **Russo, N.,** Burnette, C., Kaplan, E.A., Kopec, J., Shea, N., & Kates, W.R. (May 2017). ASD concordance of twins across DSM-IV-TR and DSM-5 Diagnostic Criteria. Poster presented at the International Meeting for Autism Research, San Francisco, California.
14. Anderson, M., Rickel, J., Prawl, A., Shea, N., & **Russo, N.** (May, 2017). Predicting Externalizing Problems from Socialization in Children with Autism Spectrum Disorder and Typically Developing Children. Syracuse University Psychology Poster session
15. Bell, C., Fiore, C., McKernan, E., & **Russo, N.** (May, 2017). Amplitude Discrimination as a Measure of Tactile Processing in Children with Autism Spectrum Disorder. Syracuse University Psychology Poster session
16. Salvati, J., Velázquez López, S., Kaplan, E.A., , Columna, L., & **Russo, N.** (May, 2017). Physical Activity Interventions and the Implications for Adaptive Behavior in Children with Autism. Syracuse University Psychology Poster session
17. Seddon, A., Abu-Ramadan, T., O’Halloran, S., Kopec, J., & **Russo, N.** (May, 2017).

Fit Families: An exercise-based intervention for children with autism spectrum disorder. Syracuse University Psychology Poster session.

1. Burack, J.A., Lane, K., Palma-Fernandes, T., Enns, J. T., Porporino, M., & **Russo, N.** (April 2017). Visual filtering among children with FASD and typically developing children matched for mental age. Society for Research in Child Development. Austin, Texas.
2. McKernan, E. P., **Russo, N.**, Burnette, C., Kaplan, E. A., Kopec, J., Shea, N., & Kates, W. R. (May, 2017). ASD Concordance of Twins Across DSM-IV-TR and DSM-5 Diagnostic Criteria. International Meeting for Autism Research, San Fransisco, CA
3. Shea, N., Flanagan, T., Burack, J. A., & **Russo, N.** (May, 2017).  Memory Profiles between Individuals with ASD with High or Low Cognitive Abilities: A Cautionary Tale about Generalizing Across the Autism Spectrum.  International Meeting for Autism Research, San Francisco, CA.
4. Shea, N., Payne, E., McKernan, E. P., Kopec, J., Kaplan, E. A., Antshel, K., Kates, W. R., **Russo, N.** (May, 2017).  The Relationship between Socialization and Externalizing Problems in ASD and VCFS.  International Meeting for Autism Research, San Fransisco, CA.
5. Prawl, A , Brennan, K.J., Salvati, J.M., & **Russo, N.** (May, 2016). Tactile Detection and Sensory Information Integration in ASD and TD Populations. Syracuse University Undergraduate Poster session, Syracuse, NY
6. Silberman, M., Hagmann, C., & **Russo, N.** (May 2016). Audio-visual integration is strongest for spatially congruent stimuli. Syracuse University Undergraduate Poster session, Syracuse, NY. **Poster awarded distinction (1 of 6 out of 30).**
7. Shea N**,** Payne, E. Kopec, J., McKernen, E. & **Russo, N.** (May, 2016). The Relationship Between Socialization Skills and Externalizing Problems in Autism Spectrum Disorder. International Meeting for Autism Research, Maryland.
8. Hagmann, E., & **Russo, N.** (November, 2015). Trisensory Integration During Spatially Focused Attention. Poster accepted to the Annual Psychonomic Society Annual Meeting, Chicago, Ill.
9. Nunemacher, K, Augustine, J, Benevento, E., Columna, L, Luke, M., Lowney, T., Ingram, E., **Russo, N.**, & Heffernan, K. (May, 2015). Social inclusion, movement and cardiovascular disease risk in adults with intellectual disabilities. American College of Sports Medicine, San Diego, California.
10. LeMon, J, Kates, W., & **Russo, N.** (April, 2015). Finding Psychological Indicators of Psychiatric Illness in Individuals with Velo-Cardio-Facial Syndrome. Syracuse University Undergraduate Poster session, Syracuse, NY
11. Brennan, K, Hagmann, C.E. , LeBlanc, M, Shea, N., Wyble, B, Kates, W., & **Russo, N.** (April, 2015). Enhanced Perceptual Abilities in Children with ASD on RSVP Task. Syracuse University Undergraduate Poster session, Syracuse, NY
12. Payne, E., Shea, N., & **Russo, N.** (April, 2015). The Interaction of Socialization and Externalizing Problems in Autism Spectrum Disorder. Syracuse University Undergraduate Poster session, Syracuse, NY
13. Silberman, M., Hagmann, C.E. , Black, C. , Shea, N. , & **Russo, N.** (April, 2015). Effects of an Auditory Stimulus on a Visual Detection Task. Syracuse University Undergraduate Poster session, Syracuse, NY
14. Black, C.,Hagmann, C. , Silberman, M. , Shea, N., & **Russo, N.** (April, 2015). Selective attention task reveals that multisensory integration rules do not always apply. Syracuse University Undergraduate Poster session, Syracuse, NY.
15. LeMon, J, Kates, W., & **Russo, N. (**march, 2015). Finding Psychological Indicators of Psychiatric Illness in Individuals with Velo-Cardio-Facial Syndrome. 16th University of Maryland National Conference for McNair Scholars and Undergraduate Research
16. Black, C. , & **Russo, N.** (march, 2104). Extending Multisensory Integration to Selective Attention in a Spatial Domain. Eastern Psychological Association, Philadelphia (**Psy Chi Best poster award to Conner Black)**
17. Wagner, K, Debes, S., Wyble, B., & **Russo, N.** (2014). No difference in attentional blink for featural and categorical RSVP paradigms. Syracuse University psychology poster session.
18. Debes, S., **Russo, N**, & Wyble, B. (2014). Attenuating the attentional blink and its consequences: Support for the Wyble-Bowmne-Nieuwenstein Model. Syracuse University psychology poster session. (**Received one of 6 distinctions**).
19. Black, C., & **Russo, N.** (2014). Detect Auditory: Multisensory integration in a spatial domain. Syracuse University psychology poster session. (**Received one of 6 distinctions).**
20. Silberman, M., Shea, N., & **Russo, N.** Multisensory integration with spatial and auditory stimuli. Syracuse University psychology poster session. (**Received one of 6 distinctions)**.
21. Debes, S., **Russo, N.,** & Wyble, B. (2013). Attenuating the attentional blink. Eastern Psychological Association, New York.
22. Altschuler, T.S., Molholm, S, Snyder, A. C, Brandwein, A. B., **Russo, N.**, Gomes, H,, & Foxe, J.. J. The Development of Contour Completion Processes Across Childhood and Adolescence in Autism Spectrum Disorders. International Meeting for Autism Research, San Sebastian, Spain, May, 2013
23. Batarse, F., Shea, N., Mattiaccio, L., & **Russo, N.** (2013). Sensory Processing and Multisensory Integration in Typically Developing Adults. Poster accepted to the Eastern Psychological Association meeting in New York City.
24. Debes, S., **Russo, N.,** & Wyble, B. (2013). Attenuating the attentional blink: A spatial task. Poster presented at Syracuse University’s undergraduate poster session, May 1, 2013.
25. Kates, W. R., Muhlenkamp-Wood, W., Fremont, W. P., Faraone, S. V., **Russo, N.**, & Antshel, K. M. (2013). Moderators of Psychiatric Risk in Velo-cardio-facial Syndrome (VCFS): A Longitudinal Study. VCFS Educational Foundation, Dublin Ireland.
26. Campbell, C. A., Stewart, J., Flores, H., Landry, O., Jacques, S**., Russo, N.,** & Burack, J. A. (2013). The development of cognitive flexibility among individuals with Down syndrome and autism compared to typically developing children matched on verbal mental age. Submitted to the Canadian Psychological Association.
27. Campbell, C. A., Landry, O., **Russo, N.** Flores, H., Jacques, S., & Burack, J A. (may, 2012). Cognitive Flexibility among individuals with autism: the influences of chronological age vs. mental age. International Meeting for Autism Research, Toronto, Ontario, Canada.
28. **Russo, N.,** Frey, H.P., Lalor, E., Molholm, S., & Foxe, J. J. (May, 2010). Magnocellular Processing Differences for Peripheral Stimulation Among Children with Autism Spectrum Disorders: Evidence From High-Density EEG and eye tracking. International Meeting on for Autism Research: Philadelphia, Pennsylvania.
29. **Russo, N.,** Frey, H.P., Lalor, E., Molholm, S., & Foxe, J. J. (April, 2010). Magnocellular Processing Differences for Peripheral Stimulation Among Children with Autism Spectrum Disorders: Evidence From High-Density EEG. Cognitive Neuroscience Society. Montreal, QC, Canada.
30. Molholm, S., **Russo, N.**,Brandwein, A., Altschuler, T., Gomes, H., & Foxe, J. J. (April, 2010).

The development of auditory-somatosensory multisensory integration in children between the ages of 6 and 17 years: a high-density EEG study. Cognitive Neuroscience Society. Montreal, QC, Canada.

1. **Russo, N.,** Foxe, J.J., Brandwein, A., Altschuler, T., Gomes, H., & Molholm., S. (June, 2009).

Multisensory processing in children with autism: high-density electrical mapping of auditory-somatosensory integration. International Multisensory Research Forum. New York, NY

1. **Russo, N,** Foxe, J. J., Tommerdahl, M. & Molholm, S. (May, 2009). Multisensory Interactions Between Somatosensory Stimulation and Vision in Autism Spectrum Disorders: An Electrophysiological Study. International Meeting for Autism Research: Chicago, Illinois.
2. **Russo, N.,** Burack, J.A., Mottron, L., & Jemel, B. (May, 2009). Multisensory Selective Attention: Evidence of Enhanced Performance Facilitation in ASD with the Introduction of Distractor-Target Intervals

**SERVICE**

**Service to the Field:**

**Consulting Editor:** *Child Development, 2019-2020*

**Ad Hoc reviewer:** *Autism; Autism Research; Autism Research and Clinical Practice; Behavioral Research Methods; Child Development; European Journal of Neurophysiology; Experimental Brain Research; Frontiers in Integrative Neurosciences; Journal of Autism and Developmental Disorders; Journal of Child Psychology, Psychiatry and Allied Disciplines; Journal of Experimental Child Psychology; Cognitive Development, PLOS one; Research in Autism Spectrum Disorders; Scientific Reports*

**International Society for Autism Research**

* Abstract Reviewer**:** 2012-2014, 2016-2017.
* Submission co-leader and session moderator: 2016, 2017.
* Early Career Panelist on promoting oneself in academia presenter (INSAR, 2018)**.**

**Grant Reviewer**

Hong Kong Research Council: 2012 & 2013

NIH SEP: 2013 & 2020

NIH SBIR: 2015

NIH BRAINS: 2016-2018

NIH Loan Repayment Program :2018-2022

NIH F02b: F330, F31 and F32 applications June 2021

Institute of Education Science: 2014

Natural Science Research Council of Canada: 2018

Fonds de la Recherche Nature et Technologie: 2020

Syracuse University internal funding: CUSE grant (2019); small equipment grant (2021).

**Science Advisor** (in charge of solicitating reviewers and developing summaries and funding recommendations) U.S.-Israel Binational Science Foundation, 2022-2023

**External evaluation of tenure/promotion cases**

Indiana University, Aug. 2019

Mount Sinai Medical School, March 2022

**Autism Sensory Research Consortium**, member 2018-

Team lead for sensory model development, 2018-

Publication review committee, 2019-

Presentation to the board of trustees, 2020, 2021

**University/College Service**

2023 Panelist for WiSE focus on leadership training

2023 Library video voice-over work

2023 Data safety and monitoring committee, NIH R01 to Jon Preston, CSD

2023 Seinfeld award committee, Member and Chair

2022-2023 Senate Subcommittee on Promotion and Tenure, Member and Co-chair

2022 SOURCE Research Assistant Funding Applications reviewer

2021-present University Senator

2021-present Senate Subcommittee on Promotion and Tenure, Member

2021 Small equipment grant review

Fall 2020 Interim Executive Director, Neuroscience program

2019 Curriculum committee member for social justice/social difference initiative

2019-present Aging, Behavioral Health, and Neuroscience cluster co-leader
2019-2021 WiSE FPP portfolio reviewer

2019 Reviewer: ‘CUSE grants

2018-present University representative to UNYTE

2018-2020 Slepecky Lecture and Prize Organizer (WiSE)

2018-2020 WiSE Leadership Member

2017-2020 ILM Neuroscience committee: Psychology representative

2017 Exercise science faculty search committee (2017)

2016-2020 Faculty mentor to Robin Jones, neuroscience

2015-2017 Director of the Undergraduate Integrated Learning Major in Neuroscience

2015-2020 Travel awards committee member: Graduate Neuroscience program

2015,16,19,23 Search committee member for teaching track in Neuroscience

2015 Board of Visitors dinner: Faculty Panel

2015 Ornstein Fellowship review committee

2015-2022 Undergraduate summer funding review committee: Neuroscience

2015 Ruth Burton Selection Committee

2014-2017 Executive Committee: Neuroscience Program

2014-2017 Curriculum Committee: Graduate concentration in Neuroscience

2013, 2015 Faculty research panel: Faculty orientation

2012-2018 Voting Member of Health Professions Advising

2011-present Academic advisor to 30-55 undergraduates per year

**Departmental Service**

**Committees served:**

2022-2023 Faculty mentor to TT faculty member

2022-2023 Curriculum Committee, Member

2022- Director of Clinical Training, School psychology program

2021-2022 Undergraduate Engagement Committee

2020-2021 Faculty mentor to TT faculty member

2020-present School Psychology DEI committee faculty liaison

2020 Department Chair review committee

2019 Promotion to Associate Teaching professor committee (Chair)

2019-2020 Research committee

2019-2022 Executive Committee

2019 Search committee member: teaching professor, psychology

2018-present Annual review committee member/chair (3-4 per year)

2017-2019 Psych News committee (Chair)

2016-2017 Undergraduate committee

2014, 2018 School Psychology search committee member

2014-2015 Cognition, Brain and Behavior professional seminar organizer

2014-2015 Curriculum committee

2013, 2015 Cognition Brain and Behavior search committee

2012-2013 Executive committee (untenured member)

2011-2020 Professional development seminar for school psychology

**Panelist:**

* The psychology of school violence: beyond Newtown’ public forum sponsored by Syracuse University Department of Psychology.
* Career paths in psychology: a career development panel, presented to graduate research methods class, 2019, 2021, 2022
* Lecture on Researching Graduate Programs for PRIDE program, 2021
* Optimizing Your Work/Life Balance to Maximize Your Potential, Syracuse University, WiSE graduate and postdoc program, October 22, 2021

**TEACHING EXPERIENCE**

**Syracuse University**

*Undergraduate*: Child Development: 4 sections (90-100 students); Autism: 5 sections (25 students)

*Graduate:* Developmental Psychopathology: 6 sections; Individual Differences and Developmental Disability: 6 sections; Cognitive and Affective Bases of Behavior: 6 sections; School Psychology Practicum (1 section)

**RESEARCH MENTORSHIP**

**Postdoctoral Fellows:**

Carl Hagmann (2014-2016)

Elia Soto (2022-2024)

**Graduate students:**

Nicole Shea, Ph.D., (2013-2019) 2019, SSSP Dissertation award, APPIC intern, Assistant Professor, University of Buffalo Hospital

Justin Kopec, Ph.D., (2015-2020) APPIC intern, Assistant Professor, PPIC

Elizabeth McKernan, Ph.D. (2015-2020) completed APPIC intern at UPIT, Psychologist, CHOP

Ellie Kaplan, Ph.D. (2016-2021) NASP Dissertation award, Departmental Fellowship 2019-2020, APPIC intern CHOP, Postdoc CHOP

Emily Cary, co-supervised by Dr. J. Felver, (2017-2022) Departmental Fellowship 2020-2021, APPIC intern TEACCH center, Postdoc at Nisonger Center

Alyne Rodriguez, Ph.D., Diversity Fellowship, APPIC Intern and Postdoc SUNY Upstate

Ellen Masters, M.S. (2018-2023), M.S. APPIC intern, Rochester Institute of Technology

Erin Matsuba (2019-2024)

Connor McKenzie (2020-2025)

Jarryd Osbourne (2021-2026)

Emily Watts (2022-2024)

Marie Shutter (2022-2027)

XiaoXiao Chen (2022-2027)

Secondary advising:

Lea Taylor- clinical psychology (2017-2021)

Julia Hooker- clinical psychology (2019-2022)

Emily Helminen- school psychology (2020-2022)

Samantha Maguire- school psychology (2020-)

Kaytlin Nelson- school psychology (2020-)

Monique Antoine-school psychology (2020-)

Siani Amidon-school psychology (2022-)

Alec Goldstein-school psychology (2022-)

Destiny Orantes- clinical psychology (2022-)

**Formal Undergraduate Research supervision:**

**PRIDE (Psychology Research Initiative in diversity Enhancement)** mentor: Angelina Marie Robles (2012) Brandon Carlos (2014): PRIDE is a 7-week intensive research experience for Syracuse University undergraduates from under-represented groups. Students complete a research project in a participating Psychology lab and present their work to the university community at a conference.

**McNair Scholar:** Janelle LeMon (2014-2015); Margaret Gerber: (2018-2021)

The McNair program prepares students from disadvantaged background with strong academic potential for doctoral studies through involvement in research and other scholarly activities

**LSAMP scholar:** Valkyrie Hardie (summer 2021).

**Capstone Honor’s thesis supervision:**

Samantha Debes, 2011-2013: Dual task performance makes the attentional blink disappear

Magenta Silberman, 2013-2016: Audio-visual integration is strongest for spatially congruent stimuli.

Shealyn O’Halloran, 2014-2018: The limits of temporal visual processing for single targets

Julia Stone: 2018-2020: The relationship between autistic features and enhanced color detection in the spatial domain

Alyssa Viggiano: 2018-2020: ADHD, ASD and sensory features in girls.

Aparajita Roa: 2021-2022: Repetitive behaviors and sensory features in autism: sex differences and their impact on diagnosis (SOURCE summer research grant).

Valkyrie Hardie: 2021-2022: The relationship between neural indicators of speech and autistic traits in typically developing children (LSAMP scholar)

Yvonne Kuo 2020-2024: Examining the moderating role of sex in the relationship between early and late neurophysiological indicators and autism traits.

**Capstone Reader:** Christie Gonzalez (2016), Ana Ledesma (2016)

**Biology Distinction Program mentor:** Margaret Garber (2018-2021); Kalina Honczarenko (2022-2024)

**Summer research program:** Rosemarie Andrews, Furman University Neuroscience student (2016, 2017); Jessica Rickel, Syracuse University (2016), Casey Bell, Syracuse University (undergraduate research fellowship, 2017); Margaret Garber (2019); Matthew Disbrow (2019); Daniel Batkin (student at Ithaca College); Aparajita Rao (2020).

**Research mentoring and supervision of 5-15 undergraduate research assistants per year:** Students present 3-5 posters a year at local and national conferences including Syracuse University Department of Psychology poster session, the Eastern Psychological Association, and the International Meeting for Autism Research

**Undergraduate award recipients in the CARE lab:**

* Yvonne Kuo: SOURCE funding for research, Globalink Research Internship
* Aparajita Rao: SOURCE funding for research; Honors travel award
* Margaret Garber: Undergraduate Research Fellowship, 2019; Biology Distinction 2020; Syracuse University scholar (Syracuse’s highest honor) 2020 (completing PhD in neuroscience)
* Julia Stone: Eric Gardner Outstanding Psychology Student Award, 2020 (completing medical school)
* Ying Wu: Eric Gardner Outstanding Psychology Student Award, 2019 (completing PhD in school psychology)
* Matthew Disbrow: Undergraduate Research Fellowship, 2019
* Joann Salvati: Eric Gardner Outstanding Psychology Student Award, 2018 (completing PhD in clinical psychology, Northwestern)
* Andrew Seddon: Community Service Award, 2017 (registered nurse)
* Casey Bell: Summer research fellowship, Syracuse University Office of Research, 2017 (MS in biomedical sciences)
* Dr. Magenta Silberman: Department of Psychology Outstanding Research Achievement Award 2016, Commencement speaker for Honors graduation 2016; Department of Psychology poster award, 2014 and 2016; (PhD in School Psychology).
* Alyssa Prawl: Eric F. Gardner Outstanding Psychology Student Award 2016 (Research coordinator, CARE lab, Syracuse; completed MSW at SU).
* Matthew Kahn: Ornstein Fellowship, 2016 (MS in biomedical sciences; in Medical School SUNY downstate)
* Emily Payne: Eric F. Gardner Outstanding Psychology Student

Award 2015, Allport Scholar 2015 (Completed MA in public health at Johns Hopkins)

* Conner Black: Department of Psychology poster award, 2014; Department of Psychology Outstanding Research Achievement Award 2015, Eastern Psychological Association: Psy Chi poster award (2015), Allport Scholar, 2015; (completing PhD in school psychology)
* Kayla Wagner: Department of Psychology Allport Scholar & Applied Psychology Award, 2014 (Completed MS in Clinical Psychology at SU)
* Dr. Samantha Debes: Department of Psychology Outstanding Research Achievement Award 2014, Allport Scholar, Department of Psychology poster award, 2014; (PhD in Neuroscience at the University of Texas)
* Dr. Megan LeBlanc: Syracuse University Remembrance Scholar, 2014 (Medical school at Tulane University; Residency at Duke)

**Thesis committees served:**

*Master’s thesis and Doctoral Defense Chair:*

Ashley Rohacek, Syracuse Unievrsity, Psychology

May Ribiera, Syracuse University, Biology

Amber Lenon, Syracuse University, Physics

Steven Reyes, Syracuse University, Physics

Sheila Shahidzadeh, Syracuse University, Biology

Liwia Anna Andrzejcuk, Syracuse University, Biology

Sarah F. Speigelhoff, Syracuse University, Counseling and Counselor Education

Micheal Douglas Bradley, Syracuse University, Biology

Jenny Sloane, Syracuse University, Psychology

Samantha Sallade, Syracuse University, Psychology

Siri Chandana Sambatur, Syracuse University, Computer Engineering

Harvey Peter, Syracuse University, Counselling and Counsellor Education

*Master’s thesis committee member (\*indicates graduate student in my lab)*

Catherine Loiselle, M.A. McGill University, Educational Psychology

Laura Miller, M.S., Syracuse University, School Psychology

Whitney Wood, M.S. Syracuse University, School Psychology

Micheal Mullane, M.S. Syracuse University, School Psychology

Liwia Anna Andrzejcuk, Syracuse University, Biology

Jenny Sloane, Syracuse University, Cognition Brain and Behavior, Psychology

Siri Sambatur, Syracuse University, Engineering and Computer Science

Julia Hooker, Syracuse University, Clinical Psychology

Alyne Rodriguez, Syracuse University, Clinical Psychology\*

Kayla Wagner, Syracuse University, Clinical Psychology

Nicole Shea, Syracuse University, School Psychology\*

Brittany Eggleston, M.S., Syracuse University, School Psychology

Justin Kopec, Syracuse University, School Psychology\*

Elizabeth McKernan, Syracuse University, School Psychology \*

Elizabeth Ann Kaplan, Syracuse University, School Psychology\*

Emily Cary,Syracuse University, School Psychology (co-mentored with Dr. J. Felver) \*

Samantha Sallade, Syracuse University, School Psychology

Ellen Masters, Syracuse University, School Psychology\*

Erin Matsuba, Syracuse University, School Psychology\*

Ashley Rokacek, Syracuse University, Clinical Psychology

Connor MacKenzie, Syracuse University, School Psychology\*

Emily Watts, Syracuse University, School Psychology\*

Jarryd Osborne, Syracuse University, School Psychology\*

Siani Amidon, Syracuse University, School Psychology

Taylor Hicks, Syracuse University, School Psychology

*Comprehensive Examination Committee:*

Jessica Simmons, Syracuse University, Clinical Psychology

Bridget Hier, Syracuse University, School Psychology

Billy Aue, Syracuse University, Cognition Brain and Behavior

Nicole Shea, Syracuse University, School Psychology\*

Brittany Eggleston, Syracuse University, School Psychology

Christopher Niemczak, Communication Sciences and Disorder

Alyne Rodrigues, Syracuse University, Clinical Psychology\*

*Doctoral defense committee (C), examiner (E), or Mentor (M):*

Samantha Maguire, Syracuse University, School Psychology (C)

Erin Matsuba, Syracuse University, School Psychology (M)

Ellen Masters, Syracuse University, School Psychology (M)

Jason Ringo, McGill University, School Psychology (E)

Joshua Circe, Syracuse University, School Psychology (C)

Emily Cary, Syracuse University, School Psychology (M, C)

Ellie Kaplan-Kahn, Syracuse University, School Psychology (M)

Badriah Yasir Basma, supervisory committee, McGill University (C/M)

Leah Taylor, Clinical Psychology, Syracuse University (C)

Alyne Rodrigues, Syracuse University, Clinical Psychology (M)

Kian Habib, McGill University, School Psychology (E)

Justin Kopec, Syracuse University, School Psychology (M)

Natalie Williams, Syracuse University, School Psychology *(C)*

Elizabeth McKernan, Syracuse University, School Psychology (M)

Alisa Alvis, Syracuse University, School Psychology (E)

Billy Aue, Syracuse University, Cognition Brain and Behavior (E)

Candace Werder, Syracuse University, School Psychology (E)

Bridget Hier, Syracuse University, School Psychology (E)

Asla Kilic, Syracuse University, Cognition Brain and Behavior (E)

Petya Radanova, SUNY upstate, MD/PhD program (E)

Nicole Shea, Syracuse University, School Psychology (M)

Rigby Malandrino, Syracuse University, School Psychology (E)

Michael Mullane, Syracuse University, School Psychology (E)

Alexandra Shillman, LaTrobe University, Neuropsychology (E)

Brittany Eggleston, Syracuse University, School Psychology (C)

Alexandra Shilton, LaTrobe University, Neuropsychology (E)

**CLINICAL EXPERIENCE**

**Director of Clinical Training, Syracuse University**

School psychology program (2022-)

**Psychological Services Clinic, Syracuse University**

Clinical Supervisor (2022-)

Site Supervisor (summer 2018).

**CARE lab: Syracuse University**

Diagnosis, assessment, and report writing for children on the autism spectrum, clinicaltraining and supervision of undergraduate and graduate students for diagnostic and cognitive assessments.

August 2011-present

**Albert Einstein College of Medicine/ City College of New York**

**Phenotyping core:** Diagnosis, assessment and report writing for children on the autism spectrum, ADHD, sensory processing challenges. Clinical training and supervision of 4 graduate students and research assistants.

October 2007-June 2011

**Rivières-des-prairies Hospital, supervisor: Dr. Laurent Mottron**

2006-2007: Psychologist: Specialized Autism Diagnostic Clinic

**University of North Carolina Medical School at Chapel Hill, APA accredited internship**

* **TEACCH Autism center**: Diagnosis, assessment and treatment of individuals with an

Autism Spectrum Disorders, across the lifespan; dual diagnosis clinic, group and individual therapy; TEACCH training program

* **Child Inpatient Psychiatry Unit**: Diagnosis, assessment, & treatment of children in acute crisis situation, parent training and feedback session
* **Pediatrics Consult Liaison:** diagnosis and treatment of psychological difficulties for children newly diagnosed with a pediatric disorder or life changing trauma; outpatient therapy and treatment
* **Inpatient Eating Disorders Unit:** group and individual therapy