

Elizabeth Anne Kelley

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Autism Ontario Regional Oversight Board

Associate Professor of Psychiatry, Queen's University

Province of Ontario Neurodevelopmental Disorders
Network, Publication and Dissemination Committee

Province of Ontario Neurodevelopmental Disorders
Network, Co-chair, Phenotyping Committee

Province of Ontario Neurodevelopment Disorders
Network, Executive Board

Center for Neuroscience Studies at Queen's University
Executive Board

Developmental Psychology Area Chair

Associate Professor of Psychology, Queen's University

Assistant Professor of Psychology, Queen's University

Member, Center for Neuroscience Studies

Education

Ph.D. in Psychology

Research grants

Ontario Brain Institute (\$13,000,000) 2023-2028

The Province of Ontario Neurodevelopmental Disorders Network

Role: Coinvestigator

SSHRC Insight Grant (\$344,000) 2023-2028

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

Autistic Persons Understand the World in Which They Live

Role: Coinvestigator

CIHR Project Grant(\$440,000) 2023-2028

OPT-IN: Online Parent Training Intervention for Young Children Diagnosed with Autism

Spectrum Disorder: A Randomized Controlled Trial

Role: Principal Investigator

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Developmental Consulting Programme, Queen's University (\$7,000) 2006-2007
Social Cognitive Skills In Young Children With Autism And Toddlers At Risk For Autism
Role: Primary Investigator

National Institute for Child and Human Development (\$1,000,000 USD) 2006-2010
Language Functioning in Optimal Outcome Children with a History of ASD
Role: Consultant

Canadian Foundation for Innovation: Leaders Opportunity Fund (\$120,000) 2007
Perceptual, Social, and Cognitive Development in Autism
Role: Primary Investigator

Teaching Grants

Office of the Provost, Queen's University (\$2,000) 2018
Cognitive Assessment Redesign
Role: Co

- 74) Park, C., Tsujimoto, K. C., Cost, K. T., Anagnostou E., Birken C. S., Charach, A, Monga, S., Kelley, E., Nicolson, R., Georgiadis, S., Burton, C., Crosbie., Kaczak D. J. (2023, published online) The distinction between social connectedness and support when examining depressive symptoms among children and adolescents during the COVID-19 pandemic.

Atypical oscillatory dynamics during emotional face processing in paediatric obsessive compulsive disorder with MEG. *Neuroimage: Clinical*
<https://doi.org/10.1016/j.nici.2023.103408>

66) Vandewuow, M. M., Brian, J., Crosbie, J., Schachar, R. J., Iaboni, A., Georgiades, S., Nicolson, R., Kelley, E., Ayub, M., Jones, J., Taylor, M. J., Lerch, J. P., Anagnostou, E., & Kushki, A. (2023). Identifying replicable subgroups in neurodevelopmental conditions using resting-state functional magnetic resonance imaging. *JAMA Network Open*, 6, e2322066. DOI:10.1001/jamanetworkopen.2023.2066

65) Vandewuow, M. M., Pang, E. W., Lai, M., Kelley, E., Ayub, M., Lerch, J. P., Taylor, M. J., & Anagnostou, E. (2023). Richer than we thought: Neurophysiological methods reveal rich club network development is frequency and sex dependent. *iScience*. <https://doi.org/10.1016/j.isci.2023.106384>

64) Vibert, B., Segura, P., Gallagher, L., Georgiades, S., Alexander, L., 3 (10.1016/)-2 (j)-2 (.i)3 (s)4

- 51) Safar, K., Vandewuow, M. M., Pang, E. W., de Villa, K., Crosbie, J., Schachar, R., laboni, A., Georgiades, S., Nicolson, R., Kelley, E., Ayub, M., Lerch, J. P., Anagnostou, E., & Taylor, M. (2022). Shared and distinct patterns of functional connectivity to emotional faces in autism spectrum disorder and attention deficit/hyperactivity disorder. *Frontiers in Psychology, 9*.
<https://doi.org/10.3389/fpsyg.2022.826527>
- 50) Li, X., Vanderloo, L. M., Keown-Stoneman, C. D. G., Cost, K. T., Charach, A., Maguire, J. J., Monga, S., Christie, J., Burton, C., Anagnostou, E., Georgiades, S., Nicolson, R., Kelley, E., Ayub, M., Korczak, D. J., & Birken, C. S. (2021). Screen use and mental health symptoms in Canadian children and youth during the COVID-19 pandemic. *JAMA Network Open, 4*, e2140875.
DOI:10.1001/jamanetworkopen.2021.40875
- 49) Lambe, L. J., Burton, C. L., Anagnostou, E., Kelley, E., Nicolson, R., Georgiades, S., Soreni, N., Schachar, R., Hanna, G. L., Arnold, P., & Crosbie, J. (2021). Clinical validation of the parent report Toronto Obsessive Compulsive Scale (TOCS): A pediatric open source rating scale. *JCPP Advances*: e12056
<https://doi.org/10.1002/jcv2.12056>
- 48) Rizeq, J., Korczak, D. J., Cost, K. T., Anagnostou, E., Charach, A., Monga, S., Birken, C. S., Kelley, E., Nicolson, R., Spit for Science, Burton, C. L., & Crosbie, J. (2021). Vulnerability pathways to mental health outcomes in children and parents during COVID-19. *Current Psychology*.
<https://doi.org/10.1007/s12144-021-02459-z>
- 47) Gharehgazlou, A., Vandewuow, M., Ziolkowski, J., Crosbie, J., Schachar, R., Nicolson, R., Georgiades, S., Kelley, E., Ayub, M., Hammill, C., Ameis, S. H., Taylor, M. J., Lerch, J. P., & Anagnostou, E. (2021). Cortical gyrification morphology in ASD and ADHD: Implication for further similarities or disorder specific features. *Cerebral Cortex*, bhab326,
<https://doi.org/10.1093/cercor/bhab326>
- 46) Rinaldo, E., Anagnostou, E., Georgiades, S., Ayub, M., Nicolson, R., & Kelley, E. (2021). Investigating language skills as a mediator between IQ and anxiety in autistic youth. *Research in Autism Spectrum Disorders*, 88, 101846. <https://doi.org/10.1016/j.rasd.2021.101846>
- 45) Kushki, A., Cardy, R. E., Panahandeh, S., Malihi, M., Hammill, C., Brian, J., laboni, A., Taylor, M. J., Schachar, R., Crosbie, J., Arnold, P., Kelley, E., Ayub, M., Nicolson, R., Georgiades, S., & Anagnostou, A. (2021). Crossdiagnosis structural correlates of autistic social communication differences. *Cerebral Cortex*, bhab142,
<https://doi.org/10.1093/cercor/bhab142>
- 44) Jangjoo, M., Goodman, S. J., Choufani, S., Trost, B., Scherer, S., Kelley, E., Ayub, M., Nicolson, R., Georgiades, S., Crosbie, J., Schachar, R., Anagnostou, E., Grunebaum, E., & Weksberg, R. (2021). An epigenetically distinct subset of children with autism spectrum disorder resulting from differences in blood

cell composition *Frontiers in Neurology*, <https://doi.org/10.3389/fneur.2021.612817>

- 43) Cost, K. T., Crosbie, J., Anagnostou, E., Birken, C. S., Charach, A., Monga, S., Kelley, E., Nicolson, R., Maguire, J. L., Burton, C. L., Schachar, R. J., Arnold, P. D., & Korczak, D. J. (2022). Mostly worse, occasionally better: impact of COVID-19 pandemic on the mental health of Canadian children and adolescents *European Journal of Child and Adolescent Psychiatry*, *31*, 671-684. <https://doi.org/10.1007/s00787-021-01744-3>
- 42) Brierly, N. J., McDonnell, C. G., Parks, K. M. A., Schulz, S. E., Dalal, T. C., Kelley, E., Anagnostou, E., Nicolson, R., Georgiades, S., Crosbie, J., Schachar, R., & Stevenson, R. A. (2021). Factor structure of repetitive behaviors across autism spectrum disorders and attention deficit/hyperactivity disorder. *Journal of Autism and Developmental Disorders*, *51*, 3391-3400. <https://doi.org/10.1007/s10803-020-04800-0>
- 41) Choi, E. J., Vandewuow, M. M., Taylor, M. J., Arnold, P. D., Brian, J., Crosbie, J., Kelley, E., Lai, M-C., Liu, X., Schachar, R. J., & Anagnostou, E. (2020). Beyond diagnosis: Cross-diagnostic features in canonical resting-state networks in children with neurodevelopmental disorders. *Neuroimage: Clinical*. e102476 <https://doi.org/10.1016/j.nicl.2020.102476>
- 40) McDonnell, C.G., DeLucia, E.A., Hayden, E.P., Penner, M., Curcin, K., Anagnostou, E., Nicolson, R., Kelley, E., Georgiades, S., Liu, X., & Stevenson, R.A. (2021). Sex differences in age of diagnosis and first concern among children with autism spectrum disorder. *Journal of Clinical Child and Adolescent Psychology*, *50*, 645-655. <https://doi.org/10.1080/15374416.2020.1823850>
- 39) de Oliveira, L. R., Brian, J., Kelley, E., Beal, D., Nicolson, R., Georgiades, S., Iaboni, A., Fragiadakis, S. D., Ristic, L., Anagnostou, E., & Sanjeevan, T. (2020). Exploring the use of the verbal intelligence quotient as a proxy for language ability in autism spectrum disorder. *Research in Autism Spectrum Disorders*, *73*, e101548. DOI: 10.1016/j.rasd.2020.101548
- 38) Sanjeevan, T., Hammill, C., Brian, J., Crosbie, J., Schachar, R., Kelley, E., Nicolson, R., Iaboni, A., Fragiadakis, S. D., Ristic, L., Lerch, J. P., & Anagnostou, E. (2020). Exploring the neural structures underlying the procedural memory network as predictors of language ability in children and adolescents with autism spectrum disorder and attention deficit/hyperactivity disorder. *Frontiers in Human Neuroscience*, <https://doi.org/10.3389/fnhum.2020.587019>
- 37) McDonnell, C. G., DeLucia, E. A., Hayden, E. P., Anagnostou, E., Nicolson, R., Kelley, E., Georgiades, S., Liu, X., & Stevenson, R. A. (2020). An exploratory analysis of predictors of youth suicidal behaviors in autism spectrum disorder: Implications for prevention science. *Journal of Autism and Developmental Disorders*, *50*, 3531-3544. DOI: 10.1007/s10803-019-04320-6

36) *Furlano, S. & Kelley, E. (2020). Do children with autism spectrum disorder*

Journal of Autism and Developmental Disorders, 45, 3703-3714. DOI: 10.1007/s10803-015-2520-8

26) Furlano, R., Kelley, E., Hall, L., & Wilson, D. (2015). Self-perception of competencies in adolescents with Autism Spectrum Disorder. *Autism Research*, 8, 761-780. DOI:10.1002/aur.1491

25) Wright, K., Poulin-Dubois, D., & Kelley, E. (2015). The animate-inanimate distinction in preschool children. *British Journal of Developmental Psychology*, 33, 73-91. DOI: 10.1111/bjdp.12068.

24) Wright, K., Kelley, E., & Poulin-Dubois, D. (2014). Schematic and realistic biological motion identification in children with high-functioning Autism Spectrum Disorder. *Research in Autism Spectrum Disorders*, 8, 1394-1404. DOI: 10.1016/j.rasd.2014.07.005

23) Kloosterman, P. H., Kelley, E., Parker, J. A., & Craig, W. M. (2014). Executive functioning as a predictor of peer victimization in adolescents with and without an Autism Spectrum Disorder. *Research in Autism Spectrum Disorders*, 8, 244-254. DOI: 10.1016/j.rasd.2013.12.006

22) Suh, J., Eigsti, I. M., Naigles, L., Barton, M., Kelley, E., and Fein, D. (2014). Narrative abilities of optimal outcome children and adolescents with a previous history of an Autism Spectrum Disorder (ASD). *Journal of Autism and Developmental Disorders*, 44, 1681-1694. DOI: 10.1007/s10803-014-2042-9

21) Tyson, K. E., Kelley, E., Fein, D., Orinstein, A., Troyb, E., Barton, M., Eigsti, I. M., Naigles, L., Schultz, R. T., Stevens, M., Hill, M., & Rosenthal, M. (2014)

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18, 339-366. DOI: 10.1007/s11068-008-9075-9

- 5) Kamio, Y., Robins, D., Kelley, E., Swainson, B., & Fein, D (2007). Atypical lexical/semantic processing in high-functioning pervasive developmental disorders without early language delay. *Journal of Autism and Developmental Disorders*, 37, 1116-1122. DOI: 10.1007/s10803-006-0254-3
- 4) Dixon, J. A. & Kelley, E. (2007). Theory revision and redescription: Complementary processes in knowledge acquisition. *Current Directions in Psychological Science*, 16, 111-115. DOI: 10.1111/j.1467-8721.2007.00486.x
- 3) Swensen, L., Kelley, E., Fein, D., & Naigles, L. (2007). Children with autism display typical language learning characteristics: Evidence from preferential looking. *Child Development*, 78(2), 542-557. DOI: 10.1111/j.1467-8624.2007.01022.x
- 2) Kelley, E., Paul, J., Fein, D., & Naigles, L. R. (2006). Residual language deficits in optimal outcome children with a history of autism. *Journal of Autism and Developmental Disorders*, 36, 807-828. DOI: 10.1007/s10803-006-0111-4
- 1) Kelley, E., Janovicz, A., Mayeux, L., Paul, J., Vear, D., Naigles, L., & Fein, D. (2004). Continuing linguistic deficits in children with a history of autism. *Brain and Cognition*, 56, 121.

Book Chapters and Encyclopedia Entries

- 8) Kelley, E., & Dodwell, A. (2023). Autism spectrum disorder: Cognition. In: Eisenstat, D.D., Goldowitz, D., Oberlander, T.F., Yager, J.Y. (Eds.) *Neurodevelopmental pediatrics*. (pp.253-268). Springer, Cham.
https://doi.org/10.1007/978-1-4939-9811-2_12

Research listed as one of the research projects in the field of

Health, Research in Developmental Disorders, Journal of Intelligence, Child Psychiatry and Human Development, Developmental Neuropsychology, Journal of Neurodevelopmental Disorders, Journal of Early Adolescence, Canadian Psychology, Quarterly Journal of Experimental Psychology, Psychiatry Research, Psychiatry Research Communications, Focus on Autism and Other Developmental Disorders, Review Journal of Autism and Developmental Disorders,

Granting Foundations:

National Science Foundation
Sick Children's Hospital Foundation
Social Sciences and Humanities Research Council

Daniel Nault	PhD committee member	2022present
Melissa Susko	MSc supervisor	2022present
Kyla Mayne	PhD comps committee	2022-2023
Svetlana Popovic	PhD external (Windsor)	2023

Media

February 14, 2024 ~~CBC Thunder Bay~~ “This Thunder Bay woman with autism, ADHD says she was misdiagnosed for decades and is now calling for change”

<https://www.cbc.ca/news/canada/thunder-bay/thunder-bay-autism-adhd-women-1.7110419>

April 7, 2021 ~~CKWS Morning News~~ “Why is Autism Awareness Important?”

<https://can01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fglobalnews.ca%2Fvideo%2F7742725%2Fa-series-of-new-research-is-underway-at-queens-university-looking-into-autism-spectrum->

Center for Neuroscience Studies Internal Appointments Committee Member 2021