

Annie E Richard, PhD

Neuropsychologist (Candidate Register, # C10860)

Clinical address

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Languages: Fluent in English and French

Current positions

Clinical Neuropsychologist (Candidate Register), Genest MacGillivray Psychologists, Halifax, NS
Since December 2020

Research Associate with the Pathways in Autism Spectrum Disorder (ASD) Study Team, The
Autism Research Centre, IWK Health Centre, Halifax, NS
Since May 2020

Previous position

Post-doctoral fellow with the Pathways in ASD Study team, The Autism Research Centre, IWK
Health Centre, Halifax, NS (2017 - 2020)

Academic qualifications

MPsych/PhD (Clinical Neuropsychology) at the University of Melbourne, Melbourne, VIC,
Australia, 2019

Thesis title: Expression of the broader autism phenotype in epilepsy

BSc (First Class Honours) with Distinction in Psychology at Mount Allison University, Sackville,
NB, Canada, 2010

Neuropsychology internships

Community Based Rehabilitation, Western Health, Melbourne, Australia (Sep-Dec 2014)

Supervisor: Dr. Diana Perre

Neuropsychological assessment and involvement in multidisciplinary team-based treatment
planning for outpatients with varied neurological and psychiatric conditions

Subacute and Aged Care Services, Western Health, Melbourne, Australia (Jul-Sep, 2014)
Supervisor: Dr. Diana Perre

Neuropsychological assessment of geriatric inpatients in subacute care

Psychology Service, The Royal Children's Hospital, Melbourne, Australia (Jun-Jul, 2014)

Supervisor: Ms. Jacquie Wrennall

Neuropsychological assessment of pre-surgical children with epilepsy

Neuroscience Department, The Alfred Hospital, Melbourne, Australia (Sep-Dec, 2013)

Supervisor: Dr. Rubina Alpitsis

Neuropsychological assessment of inpatients and outpatients with varied neurological and medical conditions

Cognitive, Dementia and Memory Service, Bundoora Extended Care Clinic, Melbourne, Australia (Jan-Apr, 2013)

Supervisor: Ms. Margaret Philips

Neuropsychological assessment of outpatients with concerns of cognitive decline

Supervision and mentorship experience

Primary supervisor of a medical school graduate and a medical student contributing to an ongoing Pathways in ASD project, 2019 - present

Primary supervisor of undergraduate-level students contributing to an ongoing systematic review, 2017-present

Co-supervisor of Honours in Psychology student Joanne McMahon, The University of Melbourne, 2015

Thesis title: The broader autism phenotype and social cognition in temporal lobe epilepsy

Graduate teaching and research assistant positions

Tutor for the Neuropsychological Tests Workshop of the MPsych (Clinical & Clinical Neuropsychology), The University of Melbourne (2013, 2014, 2015)

Tutor for the Neuroscience Block of the Doctor of Medicine, The University of Melbourne (July-August 2015)

Committee involvement

Research trainee representative on the Kids Brain Health Network 2020 conference program committee (May - Nov 2020)

Kids Brain Health Network Trainee Advisory Committee member (2018 - present)

Volunteer work

Epilepsy Association of the Maritimes (2019 - present)

I help to run support groups for individuals with epilepsy and parents of children with epilepsy.

I help to translate documents from English to French.

Jewish Care Victoria, Melbourne (May-June 2009; August 2010-March 2013)

Duties included paying regular visits to residents with neurological and psychiatric conditions.

Honours, Awards and Scholarships

Post-doctoral Fellowship from The Pathways in ASD Study Team, 2017-2020

Kids Brain Health Network Presenter Scholarship, 2019

\$1000 to help defray costs for attending the Kids Brain Health Network Annual Conference

Kids Brain Health Network Spring Conference Travel Scholarship, 2018 & 2019

\$500 to assist my attendance at the INSAR 2018 and INSAR 2019 Annual Meetings

Student/Trainee Award 2018 from INSAR

\$500 to assist my attendance at the INSAR 2018 Annual Meeting

Rebecca Goldberg Kaufman Honor, The American Epilepsy Society, 2017

This honor recognizes the highest-ranking abstract in the comorbidities topic category that advances a better understanding of the psychiatric aspects of epilepsy care and treatment.

The Epilepsy Society of Australia Travel Scholarship, 2015

\$2,500 to assist my attendance and presentation at the 31st International Epilepsy Conference

International Postgraduate Research Scholarship, 2013-2014

Australian Postgraduate Award (International), 2013-2014

CPA (Canadian Psychological Association) Certificate of Academic Excellence, 2010

Awarded to a graduating student for the best undergraduate thesis in Psychology

Dr. Karen Nicholson Psychology Prize, Psychology Department, Mount Allison University, 2010

Awarded to a graduating Psychology student for outstanding achievement in Biopsychology and Human Neuropsychology courses

Dr. L.A. Goodridge Scholarship, Mount Allison University, 2006-2008

Peer reviewed journal publications

- Richard, A. E.**, Scheffer, I. E., Wilson, S. J. (in preparation). The “epileptic personality” revisited: The Broader Autism Phenotype in people with seizures.
- Beauchamp, M., Rezzonico, S., Bennett, T., Duku, E., Georgiades, S., Kerns, C., Mirenda, P., Smith, I. M., **Richard, A.**, Szatmari, P. (*submitted for review*). The influence of bilingual language exposure on the narrative, social and pragmatic abilities of school-aged children on the autism spectrum.
- Patterson, J. E., Armstrong, V., Duku, E., **Richard, A.**, Franchini, M., Brian, J., Zwaigenbaum, L., Brison, S. E., Sacray, L. R., Roncadin, C., Smith, I. M. (2021). Early trajectories of motor skills in infant siblings of children with autism spectrum disorder. *Autism Research*, 1-12. <https://doi.org/10.1002/aur.2641>
- Dempsey, E. E., Moore, C., **Richard, A. E.**, Smith I. M. (2020). Moral foundations theory in autism spectrum disorder: A qualitative investigation. *Autism*. doi: 10.1177/1362361320939331
- Richard, A. E.**, Scheffer, I. E., Wilson, S. J. (2017). Features of the broader autism phenotype in people with epilepsy support shared mechanisms between epilepsy and autism spectrum disorder. *Neuroscience & Biobehavioral Reviews*, 75, 203-233. doi: 10.1016/j.neubiorev.2016.12.036
- Azar, R. & **Richard, A.** (2011). Elevated salivary C-reactive protein levels are associated with active and passive smoking in healthy youth: A pilot study. *Journal of Inflammation*, 8:37, doi:10.1186/1476-9255-8-37

Conference presentations

Platform

- Sorenson Duncan, T, **Richard A E**, Smith, I M for The Pathways in ASD Study Team. Majority-language shift in the bilingual household of children with ASD: A cautionary tale for sustained bilingualism. (12th International Symposium on Bilingualism, 2019, Edmonton, Canada)
- Richard, A E**, Smith, I M, Duku, E, Hayes, M G, Vaillancourt, T, Waddell, C, ..., Szatmari, P for The Pathways in ASD Study Team. Predicting attrition in a longitudinal study of children with autism spectrum disorder. (Nova Scotia Developmental Psychology Conference 2018, Halifax, Canada)
- Richard, A E**, Smith, I M, Duku, E, Hayes, M G, Vaillancourt, T, Waddell, C, ..., Szatmari, P and The Pathways in ASD Study Team. Predicting attrition in a longitudinal study of children with autism spectrum disorder. (INSAR 2018, Rotterdam, NL)
- Richard, A E**, Scheffer, I E, Wilson, S J. Profiling social cognition in people with epilepsy: Evidence for shared mechanisms between epilepsy and autism spectrum disorder. (2nd Annual Social Neuroscience Conference, Brisbane, Australia, 2015)

Platform & Poster

Richard, A E, Scheffer, I E, Wilson, S J. Is the Broader Autism Phenotype more frequent in people with seizures? (American Epilepsy Society Annual Meeting 2017, Washington DC, USA)

➤ *Awarded the Rebecca Goldberg Kaufman Honor*

Poster

Patterson, J., Duku, E., Armstrong, V., Smith, I., **Richard, A.**, Franchini, M., Bryson, S., Brian, J., Zwaigenbaum, L., Roncadin, C. Early trajectories of motor skills in infant siblings of children with autism spectrum disorder. (International Congress of Infant Studies 2020, virtual)

Dempsey, E E, Moore, C, **Richard, A E**, Smith, I M. Moral foundations theory in autism spectrum disorder: A qualitative investigation. (INSAR 2020, virtual)

Richard, A E, Scheffer, I E, Wilson, S J. Pragmatic language difficulties in people with epilepsy reflect shared biological mechanisms causing both epilepsy and autism spectrum disorder. (Kids Brain Health Network Annual Conference 2019, Ottawa, Canada)

Richard, A E, Scheffer, I E, Wilson, S J. Expanding the language profile of people with epilepsy: The predominance of pragmatic language difficulties. (American Epilepsy Society Annual Meeting 2019, Baltimore, USA)

Richard, A E, Sorenson Duncan, T, Smith, I M, Bryson, S E, Fombonne, E, Roberts, W, ... Zaidman-Zait, A for The Pathways in ASD Study Team. Bilingually exposed children with autism spectrum disorder: Language and socio-communication outcomes. (INSAR 2019, Montreal, Canada)

Richard, A E, Sorenson Duncan, T, Smith, I M, Bryson, S E, Fombonne, E, Roberts, W, ..., Zaidman Zait, A for The Pathways in ASD Study Team. Bilingually exposed children with autism spectrum disorder: Language and socio-communication outcomes. (Dalhousie University Department of Pediatrics Trainee Research Day, Halifax, Canada, 2019)

Green, C C, **Richard, A E**, Wilson, S J, Scheffer, I E. Validation of a broader autism phenotype interview in families of individuals with high-functioning autism spectrum disorder. (INSAR 2018, Rotterdam, ND)

Richard, A E, Scheffer, I E, Wilson, S J. Profiling social cognition in people with epilepsy: Evidence for shared mechanisms between epilepsy and autism spectrum disorder. (31st International Epilepsy Congress, Istanbul, 2015)

➤ *Best Poster Award*

Richard, A, Wilson, S J, Scheffer, I E. Profiling social cognition in people with epilepsy: Evidence for shared mechanisms between epilepsy and autism spectrum disorder. (28th Annual Scientific Meeting of The Epilepsy Society of Australia, Melbourne, 2014)

Azar, R & **Richard, A**. Active and passive smokers have increased salivary C-reactive protein levels in comparison to non-smoking healthy youth. (Dr. Don Maclellan Research Day, Moncton, Canada, 2010)

Richard A & Azar, R. Pilot study: Salivary C-reactive protein as a measure of the effect of tobacco smoke exposure on inflammation (APICS Undergraduate Psychology Conference, Antigonish, Canada, 2010)

Community presentations

Brain Awareness Week presentation to Year 12 Psychology students (Melbourne Girls' College, Melbourne, 2015)

Peer review involvement

Manuscript reviewed for: *Neuroscience & Biobehavioral Reviews*
Epilepsia
Journal of Autism and Developmental Disorders
Sleep Medicine

Select training courses and workshops

Structural Equation Modeling, The Analysis Factor, April - May 2020

Time management by Mitacs, Dalhousie University, September 2019

Project management: A team approach by Mitacs, Dalhousie University, February 2018

Group-based trajectory modeling workshop by Dr Eric Duku, Dalhousie University, August 2017