Post-Doctoral Fellowship in Pediatric Clinical Neuropsychology

2026-2028

Department of Psychology
The Hospital for Sick Children, Toronto, ON, Canada

Pediatric Neuropsychology Fellowship Coordinator: Eva Mamak, Ph.D., ABPP-CN
Director of Training: Hannah Gennis, Ph.D., C.Psych

SickKids®

Fellowship at a glance

Start Date:		September 8, 2026
Location		Hospital for Sick Children, Toronto, ON, Canada
Member of APPCN?		Yes
Member of NMS match?		Yes
Application Deadline:		January 9, 2026
Full time/Part time		Full Time
Research Requirements:		At least one publication/Presentation with work completed during fellowship
Age range		0-18 (optional rotation in adult neuropsychology is possible)
Rotations/Programs		Neurology, Stroke, Epilepsy Surgery, Neonatal Neurology, Genetics/Metabolics, Neurosurgery, Solid Organ Transplant, Hematology/Oncology, Brain Tumor, Leukemia/Lymphoma, Sickle Cell Disease, Long term follow up for cancer, Cardiology, NF1, General neuropsychology clinic.
Salary		$69,000 CAD in year 1, $71,000 CAD in year 2, possible $5000 educational stipend each year.
Benefits		• Modified health and dental benefits • 3 weeks paid vacation • 9 statutory holidays • 1 week paid professional development time • $500 professional development funds per year
Eligibility		• Graduates of CPA/APA Accredited clinical or school psychology programs with accredited internship • Internship level training in pediatric psychology and neuropsychology • Background in functional neuroanatomy, clinical neurology, basic neuroscience and/or neuropathology • **All degree requirements must be completed before the start date**
Training Cohort		• 2 neuropsychology fellows (one per year) • Health/Clinical psychology fellows (number varies) • 3 pre-doctoral residents • Numerous practicum students
SickKids NMS Match Number:		**8443 - Pediatric Neuropsychology**
Contact		Eva Mamak, PhD, C. Psych., ABPP-CN Tel: 416-813-7654 X428804 Eva.mamak@sickkids.ca

Overview

One (1) post-doctoral fellowship position in pediatric clinical neuropsychology is offered through the Department of Psychology at the Hospital for Sick Children in Toronto, Ontario. The two-year, full-time training position begins on **September 8, 2026**, with the second-year conditional on successful completion of first-year requirements. Employment is contingent upon meeting the Hospital for Sick Children's Occupational Health Requirements and completion of the requirements of the doctoral degree.

Virtual interviews will be scheduled between **January 12-22, 2026**, for 60-90 minutes. Interviews outside this time period will be considered based on the availability of both the candidate and interview committee.

Our program has been a member of the **Association of Post-Doctoral Programs in Clinical Neuropsychology (APPCN)** since 2008 and training conforms to the **Houston Conference Guidelines for Specialty Education and Training in Clinical Neuropsychology.** The fellowship adheres to a scientist-practitioner model and training prepares fellows for independent practice in pediatric neuropsychology, registration with the **College of Psychologists and Behavior Analysts of Ontario (CPBAO),** and board certification through the **American Board of Clinical Neuropsychology (ABCN).**

The philosophy of the fellowship mirrors that of The Hospital for Sick Children in that the needs of the patient and family are primary. An evidence-based practice approach is used and clinical research is closely integrated with patient care activities. Conceptualizing the child's neuropsychological needs and challenges within a developmental framework is integral to practice.

The Department of Psychology at SickKids exists as an independent department within a Child Health Services cluster model of service provision. It includes over 30 psychologists, 11 psychometrists, and numerous research staff and trainees providing clinical services and conducting research within the hospital. There are 15 staff pediatric neuropsychologists who regularly provide clinical supervision in our training program. Five are board certified (ABPP-CN). In addition to specialty training in Pediatric Neuropsychology (2 positions), the Department offers clinical training at the post-doctoral level in Pediatric Health Psychology (at least 1 position), residency level (3 positions, accredited by the Canadian Psychological Association), and graduate practicum level.

Goals of the Fellowship

Fellows are exposed to a wide array of patient populations (aged 0-18 years) in both inpatient and outpatient settings. A primary goal of the first year is to develop a working model of neuropsychological assessment, consultation, and intervention that allows for accurate, thorough, yet efficient service delivery in the fast paced and complex setting of an academic health sciences center. Goals of the second year are to obtain registration as a psychologist

(CPBAO) or eligibility for registration outside of Ontario, and to further develop clinical and research skills by working with a broader range of supervisors, patient groups, and multi-disciplinary teams. By the end of the second year, fellows should be eligible to apply for board certification (ABCN). Graduates of our program have entered into positions in academic medical centers, private practice and multi-disciplinary community clinics.

Training Activities

Post-doctoral fellows are involved in direct clinical service for at least 75% of their time and participate in focused research and educational activities for the remaining 25% of their time. The focus of training is on advanced practice in pediatric clinical neuropsychology, including comprehensive neuropsychological consultation, intervention, functional neuroanatomy, ethical practice, individual/cultural diversity, writing integrated reports, multi-disciplinary and school consultation, and clinical research. The fellow receives high-level training in conducting neuropsychological evaluations, providing feedback (including recommendations and education) to family, staff and school personnel, providing supportive psychological services and/or neuropsychologically informed intervention, participating in multi-disciplinary teams, and assisting with treatment and discharge planning. Fellows receive supervision from various staff neuropsychologists in their work with a diverse range of patients across multiple programs and in conducting applied research.

Rotations

The first year of training consists of three, four-month rotations chosen to meet the fellow's training needs, balancing exposure to patients of varying ages, levels of functioning, and focal vs. diffuse deficits. There are opportunities to conduct assessments with special patient populations (e.g., severe sensory, motor or behavioral needs requiring non-standardized assessments) and combined neuropsychological and autism spectrum disorder (ASD) diagnostic assessments.

The second year of training allows for more depth of training in a particular population and neuropsychological consultations to programs within the hospital that are not served by a staff neuropsychologist, allowing for both depth and breadth of training. Second-year fellows work with greater autonomy, often providing supervision to others. Evaluations are typically conducted through the outpatient Psychology Clinic, but inpatient consultations may be provided.

While rotations are often specific to a particular primary supervisor, there are opportunities for joint supervision within specific clinics with more than one clinical supervisor (e.g., Epilepsy Surgery, Neonatal Neurology, Cardiology, etc.). Neuropsychological services include assessment, direct intervention, and consultation.

Primary rotations are available within the following programs:

- Neurology
    - Stroke
    - Epilepsy Surgery Program
    - Epilepsy Classroom
    - Neonatal Neurology
    - Neurology General Consultation
    - Neuropsychological intervention: The NeuroOutcomes Lab (//lab.research.sickkids.ca/neurooutcomes/)

- Genetics/Metabolics
- Neurosurgery
- Cardiology
- Solid Organ Transplant
- Rheumatology
- Neurofibromatosis Type 1
- Hematology/Oncology
    - Brain Tumor
    - Leukemia/Lymphoma
    - Sickle Cell Disease
    - Long-Term Follow-Up for Cancer

A sample of a post-doctoral program of rotations follows:

	YEAR 1 (Y1)				**YEAR 2 (Y2)**
Dates	Sept Y1-Dec Y1	Jan Y1-Apr Y1	May Y1-August Y1		Sept Y2-August Y2
Assessment Neuropsych Rotation	General Neurology	Neurosurgery	Epilepsy Surgery		Haematology Oncology
Research	Stroke	Stroke	Stroke		Stroke
Primary College of Psychologists and Behavior Analysts of Ontario (CPBAO) Supervisor: **Fellowship Coordinator**					
Intervention/ Secondary CPO supervisor	Health Psychology	Health Psychology	Health Psychology		i-INTERACT-North Program

Additional training opportunities may include:

- Adult Neuropsychology rotation (appropriate previous experience is required)
- Provision of lectures and presentations within the hospital or for community groups
- Providing supervision to more junior trainees (residents and/or practicum students) to develop competency as a supervisor.
- Mentored journal-article peer reviews.
- Clinical psychology or Health Psychology competency for the College of Psychologists and Behavior Analysts of Ontario is also a possibility in the training program (appropriate previous experience is required)

Supervision

Fellows are assigned a primary supervisor and receive at least two hours of individual face-to-face supervision per week. Regularly scheduled, one-to-one supervision involves case review, setting and monitoring of training goals, and professional development. Supervision follows a developmental model and fellows work with a variety of faculty members throughout the fellowship for broad exposure to different styles of clinical practice and supervision.

Group professional support/supervision meetings with the Coordinator of Post-Doctoral Training occur once or twice per month to address advanced topics in neuropsychology, including professional/ethical standards, professional practice issues, and preparing for ABCN board certification. In addition to formal supervision, fellows receive ongoing mentorship and coaching in developing a career path and establishing a professional identity.

Didactics

A variety of formal and informal educational opportunities exist. Rotation-specific readings will be suggested by individual supervisors. More formal didactics are provided to ensure a broad knowledge-base in clinical neuropsychology, and include:

Required:

- Paediatric Neuropsychology / Assessment Didactics (weekly)
- Psychology Department Rounds (monthly)

Optional

- Clinical Health Evaluative Science (CHES) Rounds (weekly)
- Neuroscience and Mental Health Program (SickKids Research Institute) Symposia (monthly)
- Paediatric and Neurology Grand Rounds (weekly)
- Clinical and research rounds associated with individual rotations (e.g., Neurology, Neurosurgery, Hematology/Oncology, Psychiatry)
- Adult Neuropsychology journal club and case presentations

Equity, Diversity & Inclusion at SickKids

SickKids believes that an equitable and inclusive culture empowers staff and trainees to freely explore and express their ideas without fear, which has consistently led to new ideas and

innovations. The goal is to transform health-care systems to authentically reflect the communities we serve by engaging in community partnerships to improve the health experience of racialized communities and other communities who have traditionally faced oppression. Post-doctoral fellows are encouraged to become involved in EDI Committees, initiatives, and learning opportunities in directions that further their own personal development.

Equity, Diversity and Inclusion Strategy

The SickKids Equity, Diversity and Inclusion (EDI) Strategy aims to advance equitable inclusion of diverse people and communities across SickKids' care, research and education initiatives so that all can feel acknowledged, valued and respected. Aligned with our SickKids 2025 Strategic Plan, the EDI Strategy provides a path to boldly embed EDI in all that SickKids does and create safe and brave spaces for meaningful change (2025.sickkids.ca/edi/). Developed through engagement and consultation with patients, families, staff and community partners, this plan sets the stage for a more equitable and culturally safe future as SickKids.

Safe Consultation

Integrating with the hospital culture of Sick Kids can be both a daunting and rewarding experience. The Department of Psychology is committed to ensuring trainees feel welcomed, included, supported and heard.

In addition to having access to the Fellowship Coordinator, Director of Training and staff, fellows will have access to Inclusion Networks at SickKids. This initiative comes from the EDI Office and the organization's EDI Steering Committee and is a part of our ongoing efforts to create positive environments. Safer Spaces allow individuals who are members of specific communities, and allies, to network, establish a sense of community and create affirming spaces at SickKids.

Employee Wellness

Sick Kids is committed to supporting its staff in their movement toward wellness in a variety of ways, including:

- *Employee Assistance Program:* The Employee Assistance Program (EAP) is a confidential and voluntary support service that can help you develop strategies to help you with personal or work-related concerns, tensions and stress before they lead to more serious difficulties. EAP is available at no cost to employees and their families.

- *Employee Relations:* The Employee Relations group provides support to all staff who work at SickKids when dealing with difficulties in the workplace such as interpersonal conflict or issues related to discrimination, breaches of the Code of Conduct, the Respect in the Workplace policy and the Prevention of Workplace Violence and Harassment policy.

- *Peer Support Program:* A confidential resource, offering individual mental health outreach and trauma support 24/7 to staff in need. Peers can connect with their colleagues in a variety of ways (e.g., meeting one-to-one or providing support via telephone, email or text).

- *Spiritual & Religious Care Department:* The SickKids Spiritual Care Department Consists of Four Pillars: Chaplaincy, Clinical Pastoral Education, Counselling, and The Mindfulness Project. Visit the site to find information about the four pillars, religious observances, and related events.

- Physical Wellness: The hospital provides workplace benefits including massage therapy, as well as on-site massage as available. There are hospital-wide, free running and walking clubs with an on-site, free employee wellness centre and stretching. There is also on-site bike storage and staff showers.

Research

The Hospital for Sick Children is an active and exciting research environment. Fellows work with at least one research mentor as a member of a specialized research team, working on grant-funded or clinical research projects. Demonstration of scholarly activity is a required exit criteria for the fellowship. This may be accomplished through presentation at a national or international conference, and either one manuscript submitted for publication in a peer-reviewed journal or a grant proposal submission.

Ongoing research at SickKids involves characterizing the impact of various adverse insults on development, understanding the core neurocognitive deficits associated with neurodevelopmental disorders or acquired brain injury, and identifying the relations between neuroimaging measures of brain structure/function and neurocognitive outcome. Opportunities to collaborate in research presentations or peer reviews of research (e.g., mentored journal article peer reviews) are also available.

Evaluation

Formal written progress evaluations are prepared by the Neuropsychology staff at the conclusion of each rotation. Fellows also evaluate supervisors and rotations. Fellows whose performance is not at an expected level of competence will be advised regarding the problem areas in their performance, and a specific plan to remediate those weaknesses will be developed.

Salary and Benefits

Salary is $69,000 CAD in the first year and $71,000 CAD in the second year, with possible additional annual educational stipend of $5,000 CAD. Fellows are eligible for the modified SickKids benefits package (health and dental), as well as 3 weeks of paid vacation, nine statutory holidays recognized by the hospital, and one week paid professional development leave per year. There is also a $500/year professional development fund which may be used by Fellows. Fellows have access to office space similar to that provided to staff neuropsychologists, a computer with internet connection, a private phone line (MS Teams Voice or equivalent) and access to electronic medical journals through the SickKids internal library.

Eligibility

Applicants should be graduates of CPA/APA accredited clinical or school psychology programs and have completed a CPA/APA accredited internship in clinical psychology. It is expected that applicants will have internship-level training in paediatric psychology and neuropsychology. Applicants with prior coursework in Functional Neuroanatomy, Clinical Neurology, Basic Neuroscience, and/or Neuropathology are preferred. Applicants with fluency in other languages or experience with under-served populations are especially encouraged to apply. Any offer from the Hospital for Sick Children (SickKids) is contingent upon completing and passing a Vulnerable Sectors Check. Further, applicants must be legally entitled to work in Canada at the start date (SickKids does have access to some support for international applicants). **All degree requirements must be completed before the start date.**

Our program is an APPCN Match Participant; applicants must therefore register with National Matching Services, Inc. (www.natmatch.com) to participate in the APPCN Resident Matching Program. This residency site agrees to abide by the APPCN policy that no person at this facility will solicit, accept or use any ranking-related information from any fellowship applicant.

SickKids National Match Services Number: **8443 - Pediatric Neuropsychology**

Application

Deadline for submission of applications is 11:59 p.m., EST, on January 9, 2026.
Applicants should submit their materials (e.g., letter of interest, application form, CV) electronically as a single .pdf file. Transcripts and letters of reference can be sent separately. All material should be emailed to: eva.mamak@sickkids.ca

- Letter of interest including clinical and research goals.
- Application Form – The Hospital for Sick Children Clinical Neuropsychology Fellowship (see link on website)
- Curriculum vitae.
- Official graduate transcripts listing courses, grades and degrees.
- Three (3) letters of reference (two clinical supervisors and one academic/research mentor).

- A letter or e-mail from the internship Training Director confirming that a CPA/APA-accredited internship will be completed by September 1, 2026.
- If dissertation has not been defended at the time of application, a letter or e-mail from the CPA/APA-accredited graduate program Training Director confirming that the doctoral degree will be awarded before September 1, 2026.

In accordance with federal privacy legislation (Personal Information Protection and Electronics Documents Act – https://laws-lois.justice.gc.ca/eng/acts/p-8.6/index.html), only information that is required to process your application is collected. This information is secured and is shared only with those individuals involved in the evaluation of your residency application.

Contact:

Eva Mamak Ph.D., C. Psych., ABPP-CN
Hospital for Sick Children
555 University Avenue, Toronto, ON M5G 1X8
Tel: 416-813-7654 X428804 / Fax: 416-813-8839
eva.mamak@sickkids.ca

Information about SickKids and Toronto

The Hospital for Sick Children (SickKids), affiliated with the University of Toronto, is recognized as one of the world's foremost pediatric health-care institutions. It is Canada's leading centre dedicated to advancing children's health through the integration of patient care, research and education. To learn about the SickKids Strategic Plan 2020-2025 "Unprecedented outcomes powered by Precision Child Health" please see: https://2025.sickkids.ca/

With a staff that includes professionals from all disciplines of health care and research, SickKids provides the best in complex and specialized care by creating scientific and clinical advancements, sharing knowledge and expertise and championing the development of an accessible, comprehensive and sustainable child health system. The Peter Gilgan Centre for Research and Learning is a hub where researchers and learners can congregate and share ideas to transform the current state of child health care since its 2013 opening. We are undergoing transformative change as a hospital through Project Horizon, which will add much needed capacity to the hospital system. More information is available at: https://www.sickkids.ca/en/about/project-horizon/

SickKids is located in downtown Toronto, Canada's largest city. Toronto lies on the shore of Lake Ontario, the easternmost of the Great Lakes. Over 7 million people live in the Greater Toronto Area (GTA). Toronto is a clean, safe, cosmopolitan city with a wonderful network of parks, recreational, and cultural facilities. For more information: https://www.destinationtoronto.com/

Claire Champigny, Ph.D., C.Psych. (York University).

Staff neuropsychologist.

Programs: Neonatal Neurology, Neuro-Oncology.

Champigny, C.M., & Westmacott, R. (in press). Pediatric stroke. In J. Donders & Y. Suchy (Eds.), *Neuropsychological Interviewing of Children and Adolescents*. Guilford Press.

Champigny, C.M., Kahnami, L., Isaacs, T., Beribisky, N., Desrocher, M., Feldman, S.J., Krishnan, P., Dlamini, N., Dirks, P., Westmacott, R. (2025). Neurocognitive outcomes following intracerebral hemorrhage in childhood. *Child Neuropsychology*, *31*(4), 649-658. https://doi.org/10.1080/09297049.2024.2422912

Kahnami, L., **Champigny, C.M.,** Al-Hakeem, H., Desrocher, M., Butterfield, K.M., Désiré, N., Dlamini, N., Chowdhury, S.S., Dirks, P., & Westmacott, R. (2025). Predictors of neurocognitive outcome following childhood hemorrhagic stroke in the left hemisphere: A Case series. *Applied Neuropsychology: Child*, *1-8.* https://doi.org/10.1080/21622965.2025.2490101

Champigny, C.M., Feldman, S.J., Beribisky, N., Desrocher, M., Isaacs, T., Krishnan, P., Monette, G., Dlamini, N., Dirks, P., & Westmacott, R. (2024). Predictors of neurocognitive outcome in pediatric ischemic and hemorrhagic stroke. *Child Neuropsychology*, *30*(3), 444-461. https://doi.org/10.1080/09297049.2023.2213461

Roberts, S.D., **Champigny, C.M.,** Feldman, S., Flora, D.B., & Wojtowicz, M. (2024). Screening for anxiety and depression symptoms using concussion symptom scales among varsity athletes. *Clinical Journal of Sport Medicine, 34*(2), 105-111. https://doi.org/10.1097/JSM.0000000000001181.

Champigny, C.M., Feldman, S.J., Westmacott, R., Wojtowicz, M., Aurin, C., Dlamini, N., Dirks, P., & Desrocher, M. (2023). Adjusting to life after pediatric stroke: A qualitative study. *Developmental Medicine & Child Neurology*, *65*(10), 1357-1365. https://doi.org/10.1111/dmcn.15556

Andrea Coppens, Ph.D., C. Psych., ABPP-CN (University of Windsor).

Staff Neuropsychologist

Program: Hematology/Oncology

Neuropsychological assessment of children and adolescents with hematology/ oncology diagnoses, including brain tumors, non-CNS tumors, leukemia, sickle cell disease, and bone marrow transplants. Involved in expanding French-language assessment opportunities for patients and trainees.

Ashley Danguecan, PhD., C.Psych. (University of Windsor),

Staff Neuropsychologist

Program: Neonatal Neurodevelopmental Follow-Up Clinic

Neuropsychological and parent mental health consultation for children seen within a multidisciplinary NICU neurodevelopmental follow-up clinic at 18 and 36 months of age. Special interest in clinical programming and research that identifies and targets health disparities. Dr. Danguecan is involved in research on developmental outcomes in children with a range of neonatal brain injuries. The fellow would have the opportunity to develop skills in standardized assessment and parent consultation with toddlers, as well as collaborate in providing care with occupational therapists, physiotherapists, speech and language therapists, social work, and medical staff.

Miran, A.A., Stoopler, M., Cizmeci, M.N., El Shahed, A., Yankanah, R., Danguecan, A., et al. (2024). Blood product transfusion practices in neonates with hypoxic-ischemic encaphalopahty. Journal of Perinatology. 44:1485-1490.

Taylor, M., Bondi, B. C., Andrade, B. F., Au-Young, S. H., Chau, V., Danguecan, A., Désiré, N., Guo, T., Ostojic-Aitkens, D., Wade, S., Miller, S., & Williams, T. S. (2024). Stepped-Care Web-Based Parent Support Following Congenital Heart Disease: Protocol for a Randomized Controlled Trial. JMIR research protocols, 13, e64216.

Danguecan, A., El Shahed, A.I., Somerset, E., Fan, C.S., Ly, L.G., & Williams, T. (2021). Towards a biopsychosocial understanding of neurodevelopmental outcomes in children with hypoxic-ischemic encephalopathy: A mixed-methods study. The Clinical Neuropsychologist. 35(5):925-47.

Gold, A., Danguecan, A., Belza, C., So, S., de Silva, N., Avitzur, Y., & Wales, P. W. (2020). Neurocognitive Functioning in Early School-age Children with Intestinal Failure. Journal of pediatric gastroenterology and nutrition, 70(2), 225–231.

Roberts, S. D., McDonald, K. P., Danguecan, A., Crosbie, J., Westmacott, R., Andrade, B., Dlamini, N., & Williams, T. S. (2019). Longitudinal Academic Outcomes of Children with Secondary Attention Deficit/Hyperactivity Disorder following Pediatric Stroke. Developmental neuropsychology, 44(4), 368–384.

Danguecan, A. N., & Smith, M. L. (2019). Verbal associative memory outcomes in pediatric surgical temporal lobe epilepsy: Exploring the impact of mesial structures. Epilepsy & Behavior:101(Pt A), 106529.

Naddley Désiré, Ph.D., C.Psych. (Université de Montréal).

Staff Neuropsychologist, Neuropsychology Professional Practice Lead

Programs: Neurosurgery

Neuropsychological assessment and consultation of children and adolescents with history of traumatic brain injuries, arteriovenous malformations, hemorrhagic stroke, Vein of Galen

malformations, cavernomas, benign brain tumours, arachnoid cysts, brain abscess, craniosynostosis, and hydrocephalus. Pre- and post-surgical evaluations. Special interest in providing culturally and linguistically sensitive patient care, including offering French assessment and consultation services. Research interests also include examining neurocognitive and psychosocial outcomes following pediatric acquired brain injuries and neurological disorders.

Beauchamp, M., Beaudoin, C. Dupont, D., & **Désiré, N.** (2024). Report of Early Childhood Traumatic Injury Observations & Symptoms questionnaire (REACTIONS).

Désiré, N., & Plourde, V. (2022). Children and Adolescent Memory Profile (ChAMP – original version by Sherman & Brooks) - The French-Canadian Edition. Psychological Assessment Resources. PAR inc. (Available for Digital Printing).

Williams, T. S., Taylor, M. M., Green, R. R., Lyon, R., Bondi, B. C., & **Désiré, N**. (2025). Development of a Neuropsychological Service Pathway for School-Age Neonatal Follow Up: a Feasibility Pilot. Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists, acaf061.

Kahnami, L., Champigny, C. M., Al-Hakeem, H., Desrocher, M., Butterfield, K. M., **Désiré, N**., …Westmacott, R. (2025). Predictors of neurocognitive outcome following childhood hemorrhagic stroke in the left hemisphere: A case series. Applied Neuropsychology: Child, 1–8.

Sicard, V., Ledoux, A.A., Tang, K., Yeates, K.O., Brooks, B., Anderson, P., Keightley, M., **Désiré, N**., Beauchamp, M., & Zemek R (2024). The Association Between Symptom Burden and Processing Speed and Executive Functioning at 4 and 12 Weeks Following Pediatric Concussion. Journal of the International Neuropsychology Society.

Sicard, V., Zemek, R., Bijelic, V., Barrowman, N., Yeates, K. O., Beauchamp, M. H., Brooks, B. L., Anderson, P., Keightley, M., **Desire, N.,** Ledoux, A. A., & Pediatric Emergency Research Canada (PERC) 5P Neuropsych Team (2025). Early Resumption of Physical Activity and Cognitive Outcomes at 4 Weeks Following Pediatric Concussion. The Journal of head trauma rehabilitation, 40(5), E380–E390.

Stokoe, M., Zwicker, H. M., Forbes, C., Abu-Saris, N., Fay-McClymont, T. B., **Désiré, N.,** Guilcher, G., Singh, G., Leaker, M., Yeates, K. O., Russell, K. B., Cho, S., Carrels, T., Rahamatullah, I., Henry, B., Dunnewold, N., & Schulte, F. (2022). Health related quality of life in children with sickle cell disease: A systematic review and meta-analysis. Blood reviews, 100982. Advance online publication. https://doi.org/10.1016/j.blre.2022.100982

MacAllister, W. S., **Désiré, N.,** Vasserman, M., Dalrymple, J., Salinas, L., & Brooks, B. L. (2020). The use of the MSVT in children and adolescents with epilepsy. Applied Neuropsychology: Child, 1-6. DOI: 10.1080/21622965.2020.1750127

Roebuck-Spencer, T., **Désiré, N.** & Beauchamp, M. (2018). Traumatic Brain Injury. In J. Donders & S.J. Hunter (Eds.). *Neuropsychological Conditions Across the Lifespan* (pp. 139-161). Cambridge: Cambridge University Press, Cambridge.

Anna Gold, Ph.D., C. Psych. (University of East Anglia, UK).
Staff Neuropsychologist

Program: Transplant and Regenerative Medicine Centre

Neuropsychological assessment and consultation of paediatric patients who are awaiting or have undergone solid organ transplant (heart, lung, liver, kidney and small bowel), as well as patients within the Intestinal Rehabilitation program. Research interests include neuropsychological outcomes following transplant, longer term neurodevelopmental sequelae of complex surgically treated gastro-intestinal failure and paediatric transition.

Lusia Sepiashvili, Avery Brydon, Christine Koroshegyi, **Anna Gold**, Pooja Dalvi,

Sholeh Ghayoori, Mehzabin Rahman, Vivian Huang, Cynthia Maxwell, Geoffrey C. Nguyen, and Shinya Ito. *Reduction of tumor necrosis factor (TNF) in milk of women receiving anti-TNF antibody*". **Pediatric Research.** Oct 2024, 1-8. https://doi.org/10.1038/s41390-024-03672-9.

Catherine Patterson, **Anna Gold**, Stephanie So, Leila Kahnami, Michaela Dworksy-Ford, Eva Mamak, Alaine Rogers, Andreas Schulze, Birgit Ertl-Wagner, Vicky Ng and Yaron Avitzur. *Long term neurodevelopmental outcomes following liver transplantation for metabolic disease – a single centre experience.* **Journal of Inherited Metabolic Diseases**. August 2024. 1-15. DOI: 10.1002/jimd.12785

Caroline Piotrowski, Ashley Graham, **Anna Gold,** Jo Wray, Louise Bannister, Jenny Wichart, Beverly Kosmach-Parks, Dianna Shellmar, Gillian Mayersohn & Catherine Patterson. *An International Survey of Allied Health & Nursing Professionals during the COVID-19 Pandemic: Perspectives on Facilitators of & Barriers to Care.* **Journal of Pediatric Transplantation**. Feb 2023

Anna Gold, Jo Wray, Beverly Kosmach-Park, Louise Bannister, Jenny Wichart, Ashley Graham, Caroline Piotrowski, Gillian Mayersohn, Diana A. Shellmer and Catherine Patterson. *Allied Health and Nursing Practises in Pediatric Solid Organ Transplantation: An international survey.* **Journal of Pediatric Transplantation**. Feb 2023

Christianne Laliberté Durish, Jia Lin, Sarah J. Pol, Alameen Damer, Samantha J. Anthony, Jo Wray, & **Anna Gold**. *Systematic Review of Long-Term Quality of Life in Adults Who Were Pediatric Solid Organ Transplant Recipients*. **Journal of Pediatric Transplantation.** Dec 2022 (https://doi.org/10.1111/petr.14448)

Bianca C. Bondi, **Anna Gold**, Christina Belza, Justyna Wolinska, Glenda Courtney-Martin, Stephanie So, Yaron Avitzur, Paul W. Wales. *Predictors of Social-Emotional Development and Adaptive Functioning in School-Age Children with Intestinal Failure*. **Journal of Clinical Psychology in Medical Settings.** Nov 2022 (https://doi.org/10.1007/s10880-022-09919-z)

Zuo, K., **Gold, A.,** Zlotnik Shaul, R., Ho, Emily, Borschel, G., and Zuker, R. *Pediatric Upper Extremity Vascularised Composite Allotransplantation – Progress and Insights*. Book chapter in **Reconstructive Transplantation and Reconstructive Surgery – The Emerging Interface.** 2022

Young, M., Kawamura, J., Patten, J., Leever-Goldstein, A., Loren, D., **Gold, A.,** Munns, C and Barrera, M. *The impact of the COVID-19 Pandemic on clinical care: consideration for providing virtual based care to youth with high levels of needle fear.* **Clinical Practice in Pediatric Psychology**, Sept 2021

Anthony, S.J., Young, K., Ghent, E., **Gold, A**., Martin, K., Solomon, M., Teoh, C.W. and Stinson, J. *Exploring the potential for online peer support mentorship: Perspectives of pediatric solid organ transplant patients.* **Pediatric Transplantation,** November 2020. Article DOI: 10.1111/petr.13900

Zuo, K., **Gold, A**., Zlotnik Shaul, R., Ho, E., Borschel, G., and Zuker, R. *Pediatric Upper Extremity Vascularised Composite Allotransplantation – Progress and Future.* **Current Transplantation Reports.** Sept 2020

Gold, A., Bondi, B., Askanase, J. and Dipchand, A. *Early School Age Cognitive Performance Post Pediatric Heart Transplantation.* **Journal of Pediatric Transplantation**, October 2020. DOI:10.1111/petr.13832

Gold, A., Young, J.M., Solomon, M. and Grasemann, H. *Neuropsychological Outcomes Following Pediatric Lung Transplantation.* **Pediatric Pulmonology**, June 2020. https://doi.org/10.1002/ppul.24915

Sharon Guger, Ph.D., C. Psych. (York University).

Staff Neuropsychologist

Program: Hematology/Oncology – AfterCare

Neuropsychological assessment and consultation of late effects of childhood cancer, promotion of transition.

Zapotocky M, Beera K, Adamski J, Laperierre N, **Guger S**, Janzen L, et al. Survival and functional outcomes of molecularly defined childhood posterior fossa ependymoma: Cure at a cost. Cancer. 2019 Jun 1;125(11):1867-76. PubMed PMID: 30768777. Pubmed Central PMCID: 6508980.

Janzen LA, **Guger S**: Clinical neuropsychology practice and training in Canada. Clin Neuropsychol:1-14, 2016

Lafay-Cousin L, Fay-McClymont T, Johnston D, Fryer C, Scheinemann K, Fleming A, Hukin J, Janzen L, **Guger S**, Strother D, Mabbott D, Huang A, Bouffet E. Neurocognitive evaluation of long term survivors of atypical teratoid rhabdoid tumors (ATRT): The Canadian registry experience. PaediatricBlood & Cancer. 2015 Jul;62(7):1265-9.

French AE, Tsangaris E, Barrera M, **Guger S**, Brown R, Urbach S, Stephens D, Nathan PC. School attendance in childhood cancer survivors and their siblings. The Journal of Pediatrics. 2013 Jan;162(1):160-5.

Mabbott DJ, Monsalves E, Spiegler BJ, Bartels U, Janzen L, **Guger S**, Laperriere N, *Andrews N,* Bouffet E. Longitudinal evaluation of neurocognitive function after treatment for central nervous system germ cell tumors in childhood. Cancer. 2011 Dec 1;117(23):5402-11.

Laura Janzen, Ph.D., C. Psych., ABPP-CN (University of Victoria).

Staff Neuropsychologist, Department of Pediatrics, University of Toronto.

Program: Hematology/Oncology

Neuropsychological assessment of children with hematology/ oncology diagnoses, including brain tumors, leukemia, and sickle cell disease; neuropsychology training and professional issues; research on the neuropsychological implications of congenital and acquired neurological conditions as well as the effects of various interventions on cognitive outcomes.

Peterson RK, Hess CT, Sy M, Jacobson LA, **Janzen L,** Hammer SN, Schofield HT. Neuropsychological Functioning in Pediatric Patients With Leukemia or Lymphoma Treated With CAR T-Cell Therapy: A Retrospective Chart Review. Pediatr Blood Cancer. 2025 Apr 10:e31716. doi: 10.1002/pbc.31716. Epub ahead of print. PMID: 40211468.

Peterson RK., Longo C, Cunningham T, **Janzen L**, Guger S, Monteiro L, Rapson R, Bartels U, Bouffet E, Solomon T, Mabbott DJ. Impact of home-based cognitive or academic intervention on working memory and mathematics outcomes in pediatric brain tumor survivors: the Keys to Succeed pilot randomized controlled clinical trial, Child Neuropsychol: 2022. 1-25.

Peterson RK, Williams S, **Janzen L**. Cognitive Correlates of Math Performance in School-Aged Children with Sickle Cell Disease and Silent Cerebral Infarcts. Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists. 2021;36(4):465-74.

Tsang DS, Kim L, Liu ZA, **Janzen L,** Khandwala M, Bouffet E, Laperriere N, Dama H, Keilty D, Craig T, Ramaswamy V, Hodgson DC, Mabbott D. Intellectual changes after radiation for children with brain tumors: Which brain structures are most important? Neuro Oncol. 2021 Mar 25;23(3):487-497.

Peterson RK, McKeown T, Tabori U, Bartels U, Bouffet E, **Janzen L**. Neuropsychological impact of trametinib in pediatric low-grade glioma: A case series. Pediatric blood & cancer. 2020;67(12):e28690.

Janzen LA, *David D,* Walker D, Hitzler J, Zupanec S, Jones H, et al. Pre-Morbid Developmental Vulnerabilities in Children With Newly Diagnosed Acute Lymphoblastic Leukemia (ALL). Pediatric blood & cancer. 2015 Dec;62(12):2183-8. PubMed PMID: 26305495.

Elizabeth N. Kerr, Ph.D., C. Psych. (University of Calgary).

Staff Neuropsychologist, Department of Paediatrics, University of Toronto.

Program: Neurology – Epilepsy Surgery, Deep Brain Stimulation

Neuropsychological assessment and consultation: medically refractory epilepsy/epilepsy surgery.

Arski ON, Wong, SM, Warsi N., Pang E, **Kerr, E**, Smith ML, Tyalor MJ, Dunkley BT, Och A, Otsubo H, Sharma R, Uau Ivanna, Jain P, Donner EJ, Sneed OC, Ibrahim GM. Epilepsy disrupts hippocampal phase precision and impairs working memory. Epilepsia, 2022
doi.org/10.1111/epi.17357

Tavares TP, **Kerr EN,** Secco M, Bax K, Smith M. Brief video enhances teacher trainees' knowledge of epilepsy. Epilepsy & Behavior. 2021 18 DOI: 10.1016/j.yebeh.2021.107963

Smith ML, **Kerr, EN,** McAndrews MP, Smith R, Hayman-Abello S, Patel S, Gold D. A Pilot Study of the Feasibility and Efficacy of an Online Group Memory Strategy Training Program for Adults with Epilepsy Accepted for publication in Epilepsy & Behavior, 2025; DOI: 10.1016/j.yebeh.2025.110443

Tavares TP, **Kerr EN,** Smith ML. Memory outcomes following hemispherectomy in children. Epilepsy & behavior :Epilepsy Behav. 2020;112:107360.

Kerr EN, Fayed N: Cognitive predictors of adaptive functioning in children with symptomatic epilepsy. Epilepsy Res 136:67-76, 2017

Fuentes A, **Kerr EN:** Maintenance effects of working memory intervention (Cogmed) in children with symptomatic epilepsy. Epilepsy Behav 67:51-59, 2017

Kerr EN, *Blackwell MC.* Near-transfer effects following working memory intervention (Cogmed) in children with symptomatic epilepsy: An open randomized clinical trial. Epilepsia. 2015 Nov;56(11):1784-92.

Kerr EN, Bhan A, Heon E. Exploration of the cognitive, adaptive and behavioral functioning of patients affected with Bardet-Biedl syndrome (BBS). Clinical Genetics; 2015, 89 (4): 426-433.
DOI:10.1111/cge.12614

Eva Mamak, Ph.D., C. Psych., ABPP-CN (University of North Carolina at Chapel Hill).

Staff Neuropsychologist, Coordinator of Post-Doctoral Training in Neuropsychology

Programs: Clinical and Metabolic Genetics, Epilepsy Surgery

Neuropsychological assessment and consultation of metabolic genetic conditions and epilepsy surgical candidates, infant/toddler and preschool assessment, and research on lysosomal storage diseases, other genetic conditions, epilepsy, and infant development.

Tavares, Tamara; Young, Julia; Chen, Vanessa; Kerr, Elizabeth; **Mamak, Eva**; Mahood, Quenby; Smith, Mary Lou (2025). 'Neuropsychological and Behavioural Outcomes in Epilepsy Involving the Insula: A Scoping Review'. *The Clinical Neuropsychologist.* DOI: 10.1080/13854046.2024.2388637

Howie, A.H., Tingley, K., Inbar-Feigenberg, M., Mitchell, J.J., Angel, K, Gentle, J., Smith, M., Offringa, M., Butcher, N.J, Campeau, P.M., Chakraborty, P., Chan, A., Fergusson, D., **Mamak, E.,** McClelland, P., Mercimek-Andrews, S., Mhanni, A., Moazin, Z, Rockman-Greenberg, C., Rupar, C.A., Skidmore, B., Stockeler, S., Thavorn, K., Wyatt, A., INFORMRARE Network (2024). Review of Clinical Trials and Guidelines for Children and Youth with Mucopolysaccharidosis: Outcome Selection and Measurement. *Orphanet Journal of of Rare Diseases, 19*, 393 (2024). https://doi.org/10.1186/s13023-024-03364-x

Alharbi, H.M., Pinchefsky, E.F., Tran, M.A., Salazar Cerda, C.I., Varghese, J. P., Kamino, D., Widjaja, E., Mamak, E., Ly, L., Nevalainen, P., Hahn, C., Tam, E.W.Y. (2023). Seizure Burden and Neurologic Outcomes After Neonatal Encephalopathy, Neurology, 100, e1976-e1984

Gingoyon A, Borkhoff CM, Koroshegyi C, **Mamak E**, Birken CS, Maguire JL, Fehlings D, Macarthur C, Parkin PC. (2022) Chronic iron deficiency and cognitive function in early childhood. *Pediatrics,* doi: 10.1542/peds.2021-055926.

Kovac, V., Shapiro, E. G., Rudser, K. D., Mueller, B., Eisengart, J., Delaney, K. A., Ahmed, A., Cowan, M., Raiman, J., **Mamak, E. G.**, Harmatz, P., Shankar, S., Ali, N., Cagle, S., Wozniak, J., Lim, K., Fischl, B., Orchard, P., Whitley, C. B., Nestrasil, I. (2022). Quantitative brain MRI morphology in patients with severe and attenuated forms of mucopolysaccharidosis type I. *Molecular Genetics and Metabolism*, 135, 122-132.

Howie, A.H., Tingley, K., Inbar-Feigenberg, M., Mitchell, J.J., Butcher, N.J., Offringa, M., Smith, M., Angel, K., Gentle, J., Wyatt, A., Campeau, P.M., Chan, A., Chakraborty, P., El Turk, F., **Mamak, E.G**., Mhanni, A., Skidmore, B., Sparkes, R., Stockler, S., Potter, B.K. INFORM RARE (2021). Establishing a core outcome set for mucopolysaccharidoses (MPS) in children: study protocol for a rapid literature review, candidate outcomes survey, and Delphi surveys, *Trials,* 22, 816.

Shapiro EG, Nestrasil I, Rudser K, Delaney K, Kovac V, Ahmed A, Yund B, Orchard PJ, Eisengart J, Niklason GR, Raiman J, **Mamak E,** Cowan MJ, Bailey-Olson M, Harmatz P, Shankar SP, Cagle S, Ali N, Steiner RD, Wozniak J, Lim KO, Whitley CB. Neurocognition across the spectrum of mucopolysaccharidosis type I: Age, severity, and treatment. Molecular Genetics and Metabolism. 2015 Sep-Oct;116(1-2):61-8.

Renee Sananes, Ph.D., C.Psych. (University of Ottawa).

Staff Psychologist

Dragana Ostojic-Aitkens, Ph.D., C.Psych. (University of Windsor)

Staff Neuropsychologist

Program: Cardiology

Assessment and consultation of children and adolescents with history of complex congenital heart conditions or acquired heart conditions. Research interests include examining neurocognitive and psychosocial outcomes in congenital heart disease and program evaluation.

Sananes R, Goldberg CS, Newburger JW, Hu C, Trachtenberg F, Gaynor JW, Mahle WT, Miller T, Uzark K, Mussatto KA, Pizarro C, Jacobs JP, Cnota J, Atz AM, Lai WW, Burns KM, Milazzo A, Votava-Smith J, Brosig CL. (2021). Six-Year Neurodevelopmental Outcomes for Children With Single-Ventricle Physiology. *Pediatrics*, 147 (2), e2020014589.

Kasparian NA, Sadhwani A, **Sananes R**, Blumenfeld E, Butcher JL, Cassidy AR, Cox SM, Kenowitz J, Miller TA, Sanz JH, Wolfe KR, Ilardi D, and the Telehealth Task Force of the Cardiac Neurodevelopmental Outcome Collaborative (2023). Telehealth services for cardiac neurodevelopmental care during the COVID-19 pandemic: A site survey. *Cardiology in the Young*, 33*,* 280–287. doi: 10.1017/S1047951122000579

Cox S, Butcher J, Sadhwani A, **Sananes R**, Sanz J, Blumenfeld E, Cassidy A, Cowin J, Ilardi D, Kasparian N, Kenowitz J, Kroll K, Miller T, and Wolfe K, from the Telehealth Task Force of the Cardiac Neurodevelopmental Outcome Collaborative (2022). Integrating Telehealth into Neurodevelopmental Assessment: A Model from the Cardiac Neurodevelopmental Outcome Collaborative. *Journal of Pediatric Psychology, 47* (6):707-713. doi: 10.1093/jpepsy/jsac003.

Brooker, B., **Ostojic-Aitkens, D.,** & Larson, J.C.G. (In press). Infants and children with disabilities. In M. Meade, K. Bechto, and S. Wegener (Eds.), The Oxford Handbook of Rehabilitation Psychology (2nd ed.). Oxford Press.

Ostojic-Aitkens, D., Ford, M.K., Cunningham, T., Gold, A., Janzen, L.A., Sinopoli, K.J., Westmacott, R., & Williams, T.S. (2022). Examining parent and clinician views of a hospital-based pediatric neuropsychological service: A Canadian perspective. *Child Neuropsychology*, 28(1), 61-81. doi: 10.1080/09297049.2021.194556

Katia Sinopoli, Ph.D., C.Psych. (University of Toronto).
Staff Neuropsychologist

Program: Neurology.

Neuropsychological assessment and consultation of children and adolescents with diverse neurological conditions including non-surgical epilepsy, multiple sclerosis/demyelinating diseases, and inflammatory brain diseases. Research interests include exploration of predictors of neurocognitive outcome, examination of neurodevelopment following early injuries and early medical interventions, and cross-disorder comparisons of cognitive functioning.

Neuropsychological outcome of glucose transporter-1 deficiency syndrome: A case study of identical twin boys without intellectual disability (In press). Porthukaran, A., Zak, M., Moharir, M., *Mamak, E.,* & **K. J. Sinopoli**. *Journal of Pediatric Neuropsychology.*

Criterion validity of the Brief Test of Adult Cognition by Telephone (BTACT) for mild traumatic brain injury (in press). Cairncross, M., Gindwani, H., Egbert, A. R., Torres, I. J., Hutchison, J. S., Dams O'Connor, K., Panenka, W. J., Brubacher, J. R., Meddings, L., Kwan, L., Yeates, K. O., Green, R., Silverberg, N. D., National Biobank and Database of Patients with Traumatic Brain Injury (CanTBI) investigators and the Canadian Traumatic Brain Injury Research Consortium (CTRC). *Brain Injury.*

Examining parent and clinician views of a hospital-based pediatric neuropsychological service: a Canadian perspective (2022). *Ostojic-Aitkens D*, Ford MK, Cunningham T, Gold A, Janzen LA, **Sinopoli KJ,** Westmacott R, Williams TS. *Child Neuropsychology, 28(1)*:61-81.

McCoy B, Wang L, Zak M, Al-Mehmadi S, Kabir N, Alhadid K, McDonald K, Zhang G, Sharma R, Whitney R, **Sinopoli K,** Snead OC, 3rd: A prospective open-label trial of a CBD/THC cannabis oil in dravet syndrome. Ann Clin Transl Neurol 5:1077-1088, 2018

Urban KJ, Riggs L, Wells GD, Keightley M, Chen JK, Ptito A, Fait P, Taha T, **Sinopoli KJ**. Cortical Thickness Changes and Their Relationship to Dual-Task Performance following Mild Traumatic Brain Injury in Youth. J Neurotrauma. 2016 Oct 13.

Vaags AK, Bowdin S, Smith ML, Gilbert-Dussardier B, Brocke-Holmefjord KS, **Sinopoli K**, Gilles C, Haaland TB, Vincent-Delorme C, Lagrue E, Harbuz R, Walker S, Marshall CR, Houge G, Kalscheuer VM, Scherer SW, Minassian BA. Absent CNKSR2 causes seizures and intellectual, attention, and language deficits. Annals of Neurology. 2014 Nov;76(5):758-64.

Sinopoli KJ, Chen JK, Wells G, Fait P, Ptito A, Taha T, Keightley M. Imaging "brain strain" in youth athletes with mild traumatic brain injury during dual-task performance. Journal of Neurotrauma. 2014 Nov 15;31(22):1843-59.

Dennis M, Spiegler BJ, Simic N, **Sinopoli KJ**, Wilkinson A, Yeates KO, Taylor HG, Bigler ED, Fletcher JM. Functional plasticity in childhood brain disorders: when, what, how, and whom to assess. Neuropsychology Review. 2014 Dec;24(4):389-408.

Jennifer Stanga, Ph.D., C. Psych. (Wayne State University).
Neuropsychologist

Program: Provincial Tics and Tourette Clinic/Psychiatry

We offer neuropsychological assessments to individuals with tic disorders and Tourette syndrome (TS) as well as psychoeducational and neuropsychological assessment to complex cases referred within the Department of Psychiatry. Frequent comorbidities of TS include ADHD, anxiety disorders (particularly OCD and obsessive-compulsive behaviours), learning disabilities, autism, and executive functioning challenges. Common diagnoses in General Psychiatry patients are anxiety disorders, ADHD, autism, somatoform disorders, and mood disorders; they are typically referred for assessment of learning disabilities, executive functioning difficulties, and for educational and treatment planning.

This rotation provides experience with children and teens with complex psychological presentations in addition to their learning difficulties. Given that TS occurs equally across populations, we often have patients from vulnerable and underserved groups (e.g., LGBTQIA+).

Robyn Westmacott, Ph.D., C. Psych., ABPP-CN (University of Toronto).

Staff Neuropsychologist

Program: Neurology

Neuropsychological assessment and consultation in the area of paediatric stroke and other neurovascular or neurological conditions; Neuropsychological outcomes in paediatric stroke; Impact of age at injury on outcome; Emerging deficits following early brain injury.

Westmacott, R., Chowdhury, S., Ahtam, B., Benichi, S., James, G., Lee, S., Pai, V., Parakh, M., and Mrakotsky, C. (2025). Neuropsychological outcomes in pediatric moyamoya disease. Pediatric Stroke (in press).

Ledochowski J, Slim M, **Westmacott R**, Desrocher M, deVeber G, Moharir M, MacGregor D, Dlamini N. Motor functioning during early recovery after childhood Arterial ischemic stroke is associated with intellectual abilities. Appl Neuropsychol Child. 2024 Dec 9:1-10. doi: 10.1080/21622965.2024.2435991. Epub ahead of print. PMID: 39652417.

Chan A, Au CT, Reyna ME, Robertson A, Walker K, **Westmacott R,** Shroff M, Mertens L, Dlamini N, Narang I. The impact of sleep restriction on cerebrovascular reactivity and cognitive outcomes in healthy adolescents: A pilot crossover trial. Sleep Med. 2024 Dec;124:717-726. doi: 10.1016/j.sleep.2024.11.005. Epub 2024 Nov 9. PMID: 39546870.

Champigny CM, Kahnami L, Isaacs T, Beribisky N, Desrocher M, Feldman SJ, Krishnan P, Dlamini N, Dirks P, **Westmacott R**. Neurocognitive outcomes following intracerebral hemorrhage in childhood. Child Neuropsychol. 2024 Oct 29:1-10. doi: 10.1080/09297049.2024.2422912. Epub ahead of print. PMID: 39469846.

Singh J, Slim M, Moharir M, **Westmacott R**, Krishnan P, MacGregor D, Dlamini N, Parthasarathy S, Musaphir S, Domi T, deVeber G. Long-Term Neurologic Outcomes in Pediatric Arterial Ischemic Stroke: The Impact of Age and Lesion Location. Stroke. 2024 Nov;55(11):2622-2631. doi: 10.1161/STROKEAHA.124.046518. Epub 2024 Oct 28. PMID: 39466892.

Camilleri C, Wilson A, Beribisky N, Desrocher M, Williams T, Dlamini N, **Westmacott R**. Social skill and social withdrawal outcomes in children following pediatric stroke. Child Neuropsychol. 2025 Jan;31(1):80-96. doi: 10.1080/09297049.2024.2335107. Epub 2024 Apr 1. PMID: 38557290.

Leung KI, Dlamini N, **Westmacott R**, Molnar M. Language and Cognitive Outcomes Following Ischemic Stroke in Children With Monolingual and Bilingual Exposure. J Child Neurol. 2023 May;38(6-7):435-445. doi: 10.1177/08830738231171466. Epub 2023 May 3. PMID: 37134189; PMCID: PMC10467015.

Champigny CM, Feldman SJ, Beribisky N, Desrocher M, Isaacs T, Krishnan P, Monette G, Dlamini N, Dirks P, **Westmacott R.** Predictors of neurocognitive outcome in pediatric ischemic and hemorrhagic stroke. Child Neuropsychol. 2024 Apr;30(3):444-461. doi: 10.1080/09297049.2023.2213461. Epub 2023 May 19. PMID: 37204222.

Tricia Williams, Ph.D., C. Psych. ABPP-CN (York University).
Staff Neuropsychologist.

Program: Neurology.

Neuropsychological assessment, consultation and research involving children and families from neonatal neurology, paediatric stroke and other neurovascular or neurological conditions. Special interest in early interventions to promote optimal mental health outcomes following neonatal brain injury.

Lyon, R. E., Andrade, B. F., Desrocher, M. E., Wade, S. L., & **Williams, T. S**. (2025). The importance of considering parent readiness for treatment in children's neuropsychological interventions: A brief report. *Developmental Neurorehabilitation*, 1–6. https://doi.org/10.1080/17518423.2025.2526361. Impact Factor (1.7). Senior Responsible Author.

Williams, T. S., Taylor, M. M., Green, R. R., Lyon, R., Bondi, B. C., & Désiré, N. (2025). Development of a neuropsychological service pathway for school-age neonatal follow-up: A feasibility pilot. *Archives of Clinical Neuropsychology, 2025*(00), 1-15. https://doi.org/10.1093/arclin/acaf061. Impact Factor (2.1). Primary Author.

Williams, T. S., Deotto, A., Greenblatt, A., Fabiano, G. F., Green, R., Linga-Easwaran, J., Anagnostou, E., Crosbie, J., Kelley, E., Miller, S. P., Nicolson, R., Rosart, J., Wade, S. L., & Barwick, M. (2025). Scaling up: Facilitators, barriers, and EDI considerations for clinical implementation of a stepped-care early mental health parenting program (I-InTERACT-North). *Implementation Research & Practice, 6,* 1-14. https://doi.org/10.1177/26334895251346816. Impact Factor (3.9). Primary Author.

Goodman, C. V., Green, R., Taylor, M., Wade, S. L., & **Williams, T. S.** (2024). One-year follow-up of a transdiagnostic telepsychology parenting program for children at neurological risk: Who benefits the most? *Translational Issues in Psychological Science, 10*(2), 135–149. https://doi.org/10.1037/tps0000412. Impact Factor (1.9). Senior Responsible Author.

Taylor, M., Bondi, B. C., Andrade, B., Au-Young, S., Chau, V., *Danguecan, A.*, Désiré, N., Guo, T., *Ostojic-Aitkens, D.*, Wade, S., Miller, S., & **Williams, T.** S. (2024). Stepped-care online parent support following congenital heart disease: Protocol for a randomized control trial. *JMIR Research Protocols, 13.* https://doi.org/10.2196/64216. Impact Factor (1.5). Senior Responsible Author.

Green, R., Linga-Easwaran, J., Goodman, C., Taylor, M., Fabiano, G. F., Miller, S. P., & **Williams, T. S.** (2024). Positive parenting practices support children at neurological risk during COVID-19: A call for accessible parenting interventions. *Frontiers in Psychology*, *15*, 1328476. https://doi.org/10.3389/fpsyg.2024.1328476. Impact Factor (3.8). Senior Responsible Author.

Roberts, S. D., Sananes, R., Wojtowicz, M., Seed, M., Miller, S. P., Chau, V., Au-Young, S. H., Guo, T., Ly, L., Kazazian, V., Grunau, R. E, & **Williams, T. S.** (2024). Neurodevelopmental outcomes at 18 months of children diagnosed with CHD compared to children born very preterm. *Cardiology in the Young,* 1–7. https://doi.org/10.1017/S1047951123004316 Impact Factor (1.1). Senior Responsible Author.

Camilleri, C., Wilson, A., Beribisky, N., Desrocher, M., **Williams, T**., Dlamini, N., & Westmacott, R. (2024). Social skill and social withdrawal outcomes in children following pediatric stroke. *Child Neuropsychology, 31*(1), 80–96. https://doi.org/10.1080/09297049.2024.2335107. Impact Factor (1.6). Coauthor.

Julia Young, PhD., C.Psych. (University of Toronto)

Staff Neuropsychologist and Researcher

Programs: General Neuropsychology, Epilepsy Classroom & Infectious Diseases

Neuropsychological assessment and consultation of broad patient groups from clinics such as infectious diseases, rheumatology, paediatrics and neurology. Research interests involve cognitive and mental health outcomes of children who were exposed to HIV and antiretroviral therapies in utero through the Kids Imaging and Neurocognitive Development (KIND) study.

Kahnami L, Smith ML, Bitnun A, Brophy J, Sled J, Miller E, Bowes J, Hurtubise M, Serghides L, **Young JM.** (2025) Intelligence and language outcomes in school-aged children who are HIV-exposed, uninfected: The role of sex, perinatal risk factors, and socioeconomic status. Frontiers in Pediatrics, 13: https://doi.org/10.3389/fped.2025.1540420.

Forster EA, Syed B, Bowes J, **Young JM**, Kapoor C, Head M, Lerch J, Miller E, Brophy J, Bitnun A, Smith ML, Serghides L, Taylor MJ, Sled JG, KIND Study Group. (2025) Structural brain differences in school-agedchildren who are HIV-exposed, uninfected. BMC medicine, 23 (496).

Young JM, Chen V, Bitnun A, Read SE, Smith ML. (2024) Attention in early school aged HIV-exposed uninfected children. *Aids Care, 36(1), 26-35.*

Tavares T, **Young JM,** Kerr E, Mamak E, Smith ML. (2024) Neuropsychology of insular epilepsy: A Scoping Review. *The Clinical Neuropsychologist, 1-51.*

Young JM, Bitnun A, Read SE, Smith ML. Neurodevelopment of HIV-exposed uninfected children compared to HIV-unexposed uninfected children during early childhood. (2022). *Developmental Psychology, 58(3), 551.*

Young JM, Bitnun A, Read SE, Smith ML. (2021). Early Academic Achievement of HIV-Exposed Uninfected Children Compared to HIV-Unexposed Uninfected Children at 5 Years of Age. *Child Neuropsychology.* https://doi.org/10.1080/09297049.2021. 1871891.

Young JM, Vandewouw M, Whyte HEA, Leijser LM, Taylor MJ. (2020). Resilience and vulnerability: Neurodevelopmental profiles of very preterm children and cases of ventriculomegaly. *Frontiers Human Neuroscience*. 14:219.

Busi Zapparoli, Ph.D., C. Psych. (York University).

Neuropsychologist

Program: NF1 Clinic

Neuropsychology assessment and research of children and adolescents with neurofibromatosis, type 1 (NF1). NF1 is a rare genetic condition (1 in 3,000) that is associated with increased risk for medical and neurological complications (e.g., stroke, seizure, brain tumour). Common neuropsychological concerns

include ADHD, learning disorders, executive functioning challenges, and visual spatial deficits. Social difficulties are more common, and incidence of autism is greater than in the general population. Mental health challenges are also common. 50% of children with NF1 inherit the condition from their parents. For these children, providing appropriate recommendations and ensuring optimal outcomes for children involves understanding the challenges that their parents may be experiencing as well. Parent NF1 status, as well as other factors, contribute to disparities in outcomes for NF1 patients. Considering ways to promote equity in patient outcomes is an important aspect of this clinic.

Research projects are varied but broadly focus on understanding neurocognitive challenges in this population and how to promote better outcomes for patients and families. Some research projects focus on development and evaluation of neurocognitive and mental health interventions in this population. Consequently, intervention experience may be available through engagement in research projects, depending on which projects are active at the time of the placement.

Nguyen, C. M., Rampa, S., Staios, M., Nielsen, R., **Zapparoli, B. L**., Zhou, E., Mbakile-Mahlanza, Colon, J., Hammond, A., Hendriks, M., Kgolo, T., Serrano, Y., Marquine, M., Dutt, A., Evans, J., M., L., Judd, T. (2024) Neuropsychological Application of the International Testing Commission Guidelines for Translating and Adapting Tests. *Journal of the International Neuropsychological Society.*

Bebko M., J., Porthukaran, A., Yusupov, I., Segers, M., Konanur, S., & **Zapparoli, B. L**. (2022). Autism Summer Employment Program: A Two Cohort Evaluation of Community-Based Pilot Program. *Journal on Developmental Disabilities.*

Stevenson, R. A., Ruppel, J., Sun, S., Segers, M., **Zapparoli, B. L.**, Bebko, J. M., Barense, M., & Ferber, S. (2021). Visual working memory and sensory processing in autistic children. *Scientific Reports.*

Segers, M., Bebko, J. M., **Zapparoli, B. L.**, & Stevenson, R. A. (2020). A pupillometry study of multisensory social and linguistic processing in autism and typical development. *Developmental Psychology*.

Perry, A., Charles, M. K., **Zapparoli, B.** & Weiss, J. A. (2020). School satisfaction in parents of children with severe developmental disabilities. *Journal of Applied Research in Intellectual Disabilities.*