CADDRA
CANADIAN ADHD RESOURCE ALLIANCE
ADHD Research Digest
March 2021, Issue 1

Celebrating Resilience in the ADHD Research Community

Welcome to the inaugural issue of the CADDRA ADHD Research Digest, which we will publish on a quarterly basis.

March 2021 marks the one-year anniversary month of the global pandemic, which significantly impacted ADHD researchers and their ability to carry out their research in traditional ways. However, it has also provided an opportunity to think outside of the box.

ADHD Researchers have adapted to restrictions by conducting research and connecting in new and creative ways. More studies and collaborations are taking place online than ever before. Researchers are studying topics they never would have, such as the impact of pandemic-related school disruption and social isolation on students with ADHD.

The aim of this quarterly ADHD research digest is to facilitate these kinds of ADHD research innovations by celebrating each other's achievements and by supporting knowledge exchange and connection across the Canadian ADHD research community and beyond. We invite you to work with us to build an even more vibrant and connected ADHD research community.

Maggie Toplak

Maggie Toplak Ph.D., C.Psych.
CADDRA Research Committee Chair

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"Despite a year of challenges and restrictions imposed by the global pandemic, CADDRA ADHD research members and their students have demonstrated great resilience. In this inaugural research digest, we are celebrating this resilience by showcasing their ADHD research-related accomplishments over the past year (2020-2021). Future issues will focus on member achievements in the prior three months."

~ Dr. Maggie Toplak

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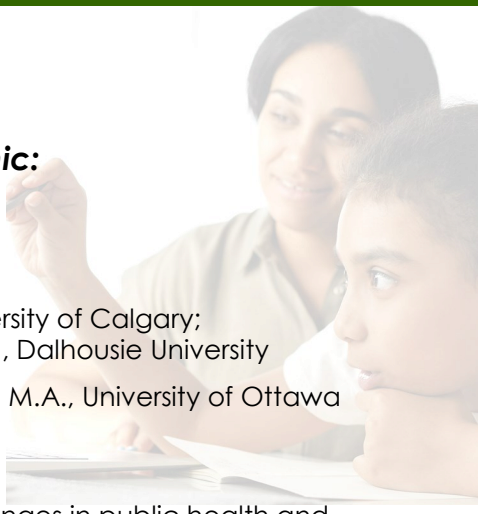
Research Project Spotlight



Parental support for children's learning during the Covid-19 pandemic: A pan-Canadian study of children and youth with ADHD

Principal Investigator: Dr. Maria A. Rogers, University of Ottawa

Co-Investigators: Dr. Janet Mah, BC Children's Hospital; Dr. Emma A. Climie, University of Calgary; Dr. Yuanyuan Jiang, Saint Paul University & University of Alberta; Dr. Penny Corkum, Dalhousie University

Student Investigators: Tessa Ritchie, M.Sc., University of Ottawa & Amanda Krause, M.A., University of Ottawa

What are the main objectives and expected outcomes?
We are surveying parents of children and teens with ADHD from across Canada to understand their experiences supporting their children's learning during the pandemic. There is tremendous diversity across the country at the moment in terms of how children are learning, so parent involvement has taken on a whole new meaning. We want to understand how parent-child interactions have been affected, about changes in parents' beliefs, their mental health, and about the impact on interactions with teachers and school staff.

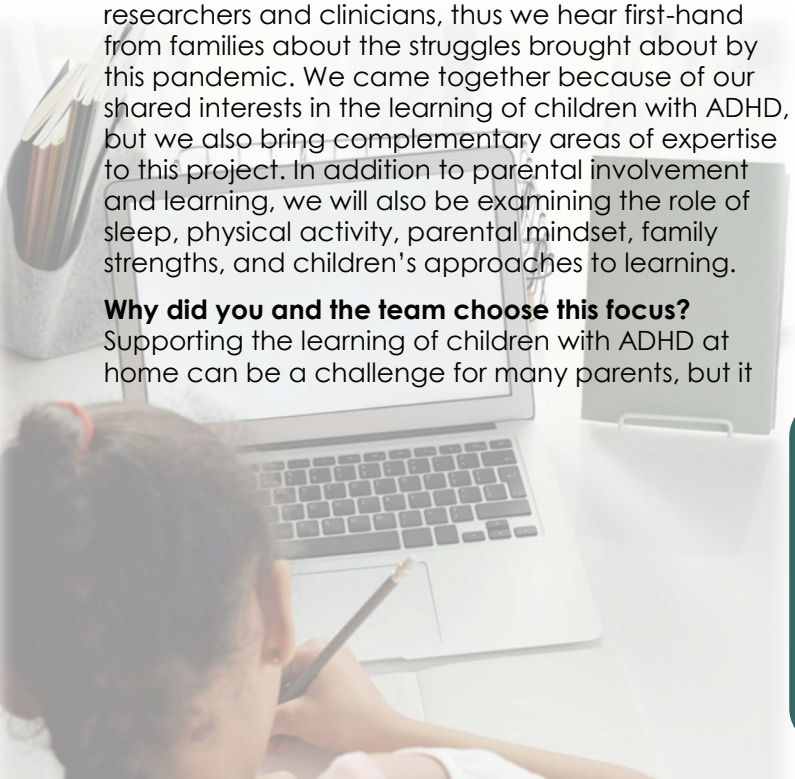
Tell us about the research project team members and their unique contributions to this project.
All of the investigators on this team are both researchers and clinicians, thus we hear first-hand from families about the struggles brought about by this pandemic. We came together because of our shared interests in the learning of children with ADHD, but we also bring complementary areas of expertise to this project. In addition to parental involvement and learning, we will also be examining the role of sleep, physical activity, parental mindset, family strengths, and children's approaches to learning.

Why did you and the team choose this focus?
Supporting the learning of children with ADHD at home can be a challenge for many parents, but it seems that constant changes in public health and education guidelines are creating new problems for many families of children with ADHD. We know that helping parents is central to helping children, so we want to understand more about the current situations facing families of children with ADHD.

What stage is the project at?
With the help of our student researchers, Tessa and Amanda, we are currently working on revisions in response to our ethics review. We expect to have the survey ready for parents by April 1st.

What impact do you think this project will have?
It looks as though schooling will continue to be altered into 2021-22 in many parts of Canada. Our hope is that this project will provide important information about how clinicians and schools can help families in their attempts to support their children's learning as they move forward into an uncertain future.

Do you have additional information you would like to share about the project?
Because the Covid-19 pandemic has affected regions of Canada differently, we'd like to gather information from as many geographical regions as possible. We will be asking clinics, hospitals, schools, and organizations across Canada to help distribute our survey. Stay tuned!



Need to Recruit Study Participants?

Advertise at no cost on the CADDRA website.

Complete **this form** to submit your information.

View CADDRA's current list of research studies at

caddra.ca/research-studies-listings/

KBHN/CADDRA Award Winners from ADHD Research Day 2020

Congratulations to the ten recipients of the KBHN /CADDRA Junior Researcher Awards!

Katrina Aranas M.Ed.

Katrina is pursuing her doctoral degree in School and Clinical Child Psychology at the University of Alberta. Her research interests include the development and improvement of evidence-based treatment options. Katrina's research is exploring how physical activity may be a potential alternative or adjunct treatment for children with ADHD.

Tasmia Hai B.Sc., M.Sc.

Tasmia is a third-year Ph.D. student in School and Clinical Child Psychology at the University of Alberta. She previously completed her Masters in School and Applied Child Psychology program at the University of Calgary. Her research interests are understanding executive functions and neurobiological correlates of children and youth with ADHD. Her Ph.D. dissertation is specifically investigating cerebellar volume differences in children with ADHD compared to typically developing peers.

Brittany Burek M.A.

Brittany is a fourth-year Ph.D. student in the School and Clinical Child Psychology program at the Ontario Institute for Studies in Education (University of Toronto). Her research and clinical interests include exploring ways to leverage virtual technology to support the learning, mental health, and well-being of students and families. She is currently teaching an introduction to special education course to teacher candidates. Brittany will be completing her pre-doctoral residency at the IWK Health Centre (Halifax) beginning in September 2021.

Congratulations also to:

- **Emma Charabin** B.A., University of Calgary
- **Bethany Ee** M.Sc., University of British Columbia
- **Laura Flanigan** M.Sc., University of Calgary
- **Philippe Hwang** M.A., McGill University
- **Katherine Matchett** B.A., University of Windsor
- **Kaitlyn Price** M.A., Krembil Research Institute, UHN
- **Elizabeth Wanstall** B.A., M.A., York University

Submit Your 2021 Abstracts Now!

Our 8th Annual ADHD Research Day will be held virtually on Friday, October 1.

Submit your oral presentations (Canadian-based only) and poster presentations (Canadian or international) and find submission guidelines at **caddra.societyconference.com**

More information on awards coming soon!

Student Spotlight

This section highlights publications, presentations and other achievements by CADDRA student members or students of CADDRA members.

Publications

Tasmia Hai, third-year Ph.D. student in School and Clinical Child Psychology at the University of Alberta:
Positive child development factors in children with ADHD. Hai, T., & Climie, E.A. Publication Accepted, *Journal of Attention Disorders*.

Impact of COVID-19 on Educational Services in Canadian Children With Attention Deficit/ Hyperactivity Disorder. Hai, T., Swansburg, R., MacMaster, F.P., & Lemay, J-F. 2021, *Frontiers in Education*.

Melissa Kang, PhD student in School and Clinical Child Psychology at the Ontario Institute for Studies in Education, University of Toronto:
Rumination as a Moderating Effect Between Math Computation and Executive Function Skills in Elementary Students. Kang, M., Bedard, A. C., & Martinussen, R. 2020, *Canadian Journal of School Psychology*.

Lee Propp, Ph.D. student in School and Clinical Child Psychology at the Ontario Institute for Studies in Education, University of Toronto:
Psychopathological and neuropsychological endophenotypes of children with disruptive behaviour. Propp, L., Bedard, A. C. V., & Andrade, B. F. 2020, *Journal of Behavioral and Cognitive Therapy*.

Manu Sharma, Ph.D. student, University of Calgary:
A call for research on the validity of the age-of-onset criterion application in older adults being evaluated for ADHD: A review of the literature in clinical and cognitive psychology. Sharma, M.J., Lavoie, S., & Callahan, B.L. 2020, *American Journal of Geriatric Psychiatry*, Epub ahead of print.

Presentations

Caroline Campbell, Master of Psychology Candidate at the Adler Professional Graduate School:
The Relationship Between Psychopathy, Attention Deficit Hyperactivity Disorder Symptoms and Hedonic Tone. Campbell, C., Vernon, T., Katzman, M.A., & Sternat, T. APSARD. 2021. *Virtual Conference (poster presentation)*

Funding & Awards

Hawra Al-Khaz'Aly, honours student, University of Calgary, received the University of Calgary Faculty of Arts Student Union Undergraduate Research Symposium Award.

Sara Becker, postdoctoral fellow, University of Calgary, received an Eyes High Postdoctoral Match-Funding Fellowship, the E. Marie & R. Garey Cameron Postdoctoral Fellowship in Dementia, and the Hotchkiss Brain Institute International Postdoctoral Recruitment Fellowship.

Philippe Hwang, Ph.D. student at McGill University, received a Graduate Excellence Fellowship in Mental Health Research, McGill University ($10,000) and a Child Health and Human Development Best Junior Research Day Presentation award, MUHC ($250).

Manu Sharma, Ph.D. student at the University of Calgary, received an Alberta Graduate Excellence Scholarship.

Himanthri Weerawardhena, M.Sc. student at the University of Calgary, received an Alberta Graduate Excellence Scholarship.

Student Spotlight

Thesis Defenses

Laura Flanigan, School and Applied Child Psychology program at the University of Calgary, supervised by Dr. Emma A. Climie, defended her dissertation in January 2021 and has started a position as a school psychologist with Algonquin Schools.

Sanya Sagar and Antonette Scavone, graduate students in the Psychology Department, University of Windsor, supervised by Dr. Carlin Miller, defended their dissertations November 2020 and February 2021.

Wafa Saoud, York University student, supervised by Dr. Maggie Toplak, was first in the department of psychology to defend her Ph.D. virtually last year during the pandemic!

Manu Sharma, Ph.D. student, University of Calgary, supervised by Dr. Brandy Callahan, successfully defended his M.Sc. in May 2020.

Anneesa Singh, PhD student in School and Clinical Child Psychology at the Ontario Institute for Studies in Education, University of Toronto, supervised by Drs. A-C Bedard & Brendan Andrade, completed a Master's thesis entitled: *Inhibitory control mediates the association between emotion dysregulation and symptoms of ADHD and ODD in children with disruptive behaviour*.

Kim Tan-MacNeill, supervised by Dr. Penny Corkum, completed her Ph.D. in Clinical Psychology at Dalhousie University entitled: *Sleep Problems in Children with Neurodevelopmental Disorders*.

Onwards and upwards!

Brittany Burek, Doctoral student, School and Clinical Child Psychology, OISE/UofT, supervised by Dr. Rhonda Martinussen, was accepted to pre-doctoral residency program at the IWK Health Centre (Halifax) beginning in September 2021.

Dr. Mariya Cherkasova, graduated from McGill University, supervised by Dr. Lily Hechtman, started a faculty position.

Dr. Elizabeth Keys, Post doctoral fellow, Dalhousie University, Department of Psychology and Neuroscience, supervised by Dr. Penny Corkum, started a new faculty position in the School of Nursing, Faculty of Health and Social Development at the University of British Columbia – Okanagan.

Sanya Sagar, Clinical Neuropsychology doctoral student, Department of Psychology, University of Windsor, supervised by Dr. Carlin Miller, is starting an internship at Hamilton Health Sciences in Fall 2021.

We Want to Hear from You!

This digest will highlight achievements by CADDRA members and students.

Please submit by the first of each publication month (March, June, September, December).

Email **stacey.espinet@caddra.ca**.

CADDRA MEMBERSHIP

CANADIAN ADHD RESOURCE ALLIANCE

What do our members appreciate about being part of CADDRA?

"As a graduate student, it has been beneficial to attend the annual conference and research day that is dedicated to ADHD. I enjoyed connecting with Canadian researchers through that event."

"Opportunities to expand and develop research with collegial members."

"Networking with professionals with similar clinical and research interests."

Join Our Network!

caddra.ca/membership

CADDRA Member Research Highlights

CADDRA members contributed to a special issue on ADHD in the Journal of *The Canadian Academy of Child and Adolescent Psychiatry*, March 2020:

Toplak ME, & LeGris J. Introduction to Special Issue: ADHD Research in a Canadian Context.

Hai, T., Duffy, H., Lemay, J.F., Swansburg, R., Climie, E.A., & MacMaster, F.P. Neurochemical Correlates of Executive Function in Children with Attention-Deficit/ Hyperactivity Disorder.

Corkum, P., Begum, E., Rusak, B., Rajda, M., Shea, S., MacPherson, M., Williams, T., Spurr, K., Davidson, D. The effects of extended-release stimulant medication on sleep in children with ADHD.

Sengupta SM, Grizenko N, Fortier MÈ, Ter-Stepanian M, Joober R. Facing the Methodological Challenge in Dissecting the Genetics of ADHD: A Case for Deep Phenotyping and Heterogeneity Reduction.

Bhat V, Sengupta SM, Grizenko N, Joober R. Therapeutic Response to Methylphenidate in ADHD: Role of Child and Observer Gender.

CADDRA Advisory Council member Doron Almagor, & CADDRA Board Chair Martin Gignac contributed to the most recent evidence-based consensus statement on ADHD:

The World Federation of ADHD International Consensus Statement: 208 Evidence-based Conclusions about the Disorder. *Neuroscience & Biobehavioral Reviews*, Feb. 2021.

Publications

Anne-Claude Bedard, Assistant Professor, Teaching Stream, in the Department of Applied Psychology and Human Development, Ontario Institute for Studies in Education (OISE), University of Toronto. Training Executive, Attention, and Motor Skills (TEAMS): a Preliminary Randomized Clinical Trial of Preschool Youth with ADHD. Halperin, J. M., Marks, D.J., Chacko, A., Bedard, A.C., O'Neill, S., Curchack-Lichtin, J., ... & Berwid, *O.G. Journal of Abnormal Child Psychology*. 2020.

Tom Buchanan, Professor of Sociology and Chair of the Sociology and Anthropology Department at Mount Royal University in Calgary, Alberta, Canada. Helicopter Parenting and the Moderating Impact of Gender for University Students with ADHD, Buchanan, T., & LeMoyne, T. *Development and Education*. 2020.

Brandy Callahan, Assistant Professor of Psychology at the University of Calgary, Tier II Canada Research Chair in Adult Clinical Neuropsychology. A systematic review and comparison of neurocognitive features of late-life attention deficit/ hyperactivity disorder and dementia with Lewy bodies. Prentice, J.L., Schaeffer, M.J., Wall, A.K., & Callahan, B.L. *Journal of Geriatric Psychiatry and Neurology*. 2020.

Emma A Climie, Associate Professor and Registered Psychologist in the School and Applied Child Psychology program in the Werklund School of Education at the University of Calgary. The Relation between symptoms of ADHD and symptoms of Eating Disorders. Baraskewich, J. & Climie, E.A. *The Journal of General Psychology*. 2021: online first.

The role of parental stress and disease knowledge on incidences of bullying among children with inattention and hyperactivity. Taylor, L, Climie, E.A., & Yue, M. *Children's Health Care*. 2020.

Perinatal maternal anxiety and depressive symptoms and child executive function and attention at 2-years of age. Ross, K., Letourneau, N., Giesbrecht, G., Climie, E.A., & Dewey, D. *Developmental Neuropsychology*. 2020.

Penny Corkum, Registered Psychologist and Professor at Dalhousie University, Scientific Staff at the IWK, and Director of the Colchester East Hants ADHD Clinic. Even a mild sleep restriction can impact daytime functioning in children with ADHD and their typically developing peers. Davidson, F., Rigney, G., Brine, S., Speth, T., Miller, L., Rusak, B., Chambers, C., Rajda, M., Begum, E.A., Corkum, P. *Behavioral Sleep Medicine*. 2021.

CADDRA Member Research Highlights

Publications

Natalie Grizenko Psychiatrist and Medical Chief of the ADHD clinic and Severe Disruptive Behaviour Disorders Program at the Douglas Institute, Associate Professor, McGill University **& Sarojini Sengupta**, Research Associate, Douglas Mental Health University Institute and Affiliate Member, Department of Psychiatry, McGill University.
Therapeutic response in children with ADHD: role of observers and settings. Bhat V, Sengupta SM, Grizenko N, Joober R. *World J Pediatr.* 2020.

COMT by DRD3 Epistatic Interaction in Modulating Behaviors in Children with ADHD: A Pharmaco-Dynamic Behavioral Approach. Fageera W, Grizenko N, Sengupta SM, Schmitz N, Joober R. *J Atten Disord.* 2020.

Acute blood pressure change with methylphenidate is associated with improvement in attention performance in children with ADHD. Traicu A, Grizenko N, Fortier MÈ, Fageera W, Sengupta SM, Joober R. *Prog Neuropsychopharmacol Biol Psychiatry.* 2020.

Sex-dependent complex association of TPH2 with multiple dimensions of ADHD. Fageera W, Sengupta SM, Fortier ME, Grizenko N, Babienco S, Labbe A, Joober R. Accepted at *Progress in Neuropsychopharmacology & Biological Psychiatry,* 2021.

Lily Hechtman, Professor of Psychiatry and Pediatrics at McGill University and Director of Research in the Division of Child Psychiatry.
Effects of Childhood and Adult Persistent Attention-Deficit/Hyperactivity Disorder on Risk of Motor Vehicle Crashes: Results from the Multimodal Treatment Study of Children With Attention-Deficit/Hyperactivity Disorder. Roy, A., Garner, A.A., Epstein, J. N., Hoza, B., Nichols, J. Q., Molina, B., Swanson, J. M., Arnold, L.E., & Hechtman, L. *Journal of the American Academy of Child and Adolescent Psychiatry.* 2020.

Jacqueline Hesson, Associate professor at Memorial University of Newfoundland.
Invisible Lives: Using Autoethnography to Explore the Experiences of Academics Living with Attention Deficit Hyperactivity Disorder (ADHD). *New Horizons in Adult Education and Human Resource Development.* 2021.

Martin Katzman, *Clinic Director and a Staff Psychiatrist at the S.T.A.R.T. Clinic for Mood and Anxiety Disorders in Toronto, Canada.*
Randomized Controlled Crossover Trials of the Pharmacokinetics of PRC-063, a Novel Multilayer Extended-Release Formulation of Methylphenidate, in Healthy Adults. Katzman, M. A., Mattingly, G., Klassen, L. J., J. Cataldo, M., & A. E. Donnelly, G. *Journal of Clinical Psychopharmacology.* 2020.

Carlin Miller, Professor in the Psychology Department, University of Windsor.
State and trait mindfulness as predictors of skin conductance response to stress. Scavone, A., Kadziolka, M., & Miller, C.J. *Applied Psychophysiology and Biofeedback.* In press.

Using ecological momentary assessments to evaluate extant measures of mind wandering. Ostojic, D., Brooker, B., & Miller, C.J. *Psychological Assessment*. In press.

The Effectiveness of Mindfulness-Based Therapies for ADHD: A Meta-Analytic Review. *Journal of Attention Disorders.* 2020.

Sébastien Normand, pediatric psychologist at the Department of Clinical Health Psychology at the Hôpital Montfort (Pediatric Clinic) and a professor in the Department of Psychoeducation and Psychology at the Université du Québec en Outaouais.
A multiple indicators multiple causes (MIMIC) model of friendship quality and comorbidities in children with Attention-Deficit/Hyperactivity Disorder. Normand, S., Mikami, A.Y., Savalei, V., & Guiet, *J. Psychological Assessment.* 2020.

Maria Rogers, Associate Professor in the School of Psychology at the University of Ottawa.
The Association Between Child ADHD Symptoms and Changes in Parental Involvement in Kindergarten Children's Learning During COVID-19, Wendel, M., Ritchie, T., Rogers, M., Ogg, J.A., Santuzzi, A.M., Shelleby, E.C & Menter, K., *School Psychology Review.* 2020.

Maggie Toplak, Associate Professor in the Department of Psychology at York University and a Core Member of the LaMarsh Centre for Child and Youth Research.
Resistance to cognitive biases: Longitudinal trajectories and associations with cognitive abilities and academic achievement across development. Toplak, M., & David, F. Journal *of Behavioral Decision Making.* 2020.

CADDRA Member Research Highlights

Funding Recipients

Dr. Brandy Callahan (PI).
Rapid Program in Dementia (RAPID) Funding Grant. "Cognition in mild cognitive impairment and adult attention-deficit disorder." Funding source: Alzheimer's Association ($50,000 USD).

Dr. Penny Corkum and co-investigators
CIHR, COVID-19 Mental Health & Substance Use Service Needs and Delivery Operating Grant (Sept 2020). Pragmatic trial of two novel pathways for implementation of the Better Nights, Better Days (BNBD) online program to promote and protect the sleep, mental health, psychosocial wellbeing, and family resiliency of children and families during and after COVID-19 pandemic. Corkum, P., Keys, E, Bastien, C., Barwick, M., MacKenzie, N., Ralph, P., Venkat, R., Brown, C., Constantin, E., Godbout, R., Gruber, R., Reid, G., Smith, I., Stremler, R., Weiss, S.; Knowledge Translation Partner: Canadian Sleep Society (President: Célyne Bastien); Industry Partner: Velsoft Inc (CEO: Jim Fitt)

Kids Brain Health Network Cycle III (Sept 2020). Sustaining eHealth programs for parents and teachers of children with neurodevelopmental disorders: An evaluation of a direct-to-consumer commercialization and implementation plan. Corkum, P., Weiss, S. (PIs); Co-investigators: Ralph, P., Venkat, R.; Industry Partner: Velsoft Inc (CEO: Jim Fitt); Teacher Help Co-investigators: Elik, N., McGonnell, M., Smith, I.; BNBD-NDD Co-investigators: Brown, C., Constantin, E., Godbout, R., Hanlon-Dearman, A., Ipsiroglu, O., Reid, G., Shea, S., Smith, I.

Dr. Lily Hechtman (PI).
Factors Affecting Positive and Negative Adaptation to Quarantine in Children and Their Families. 2020-2021. Funding source: McGill Interdisciplinary Initiative in Infection and Immunity (MI4). Role: Principal Investigator. Total: $58,050

Past Year Presentations

Dr. Brandy Callahan presented:
Cognitive and neuroimaging evidence for ADHD as a phenotypic mimic of prodromal dementia. 2020, February.19th Annual MCI Symposium.

Dr. Lily Hechtman presented:
Attention-Deficit / Hyperactivity Disorder across the Lifespan. 2020, January. London Psychiatry Review Course, London, ON.

Findings from the Multisite Multimodal Treatment (MTA) Study and Follow-up: Clinical Pearls and Challenges. 2020, October. The American Academy of Child and Adolescent Psychiatry (virtual).

Early Diagnosis and Treatment of Attention Deficit Hyperactive Disorder in Children. 2021, March. Essentials of Psychiatry Conference (virtual).

Dr. Martin Katzman presented:
Transdiagnostic Markers in Suicidality with Implications for ADHD [Invited Symposia]. Katzman, M.A., Sheehan, D., & Sternat, T. 2021, January. *The Annual Meeting* (virtual) *of the American Professional Society for ADHD and Related Disorders (APSARD)*.

Equity, Diversity and ADHD [Plenary]. Waite, R., Katzman, M.A., Coker, T., & Higgins, N. 2021, January. The *Annual Meeting* (virtual) *of the American Professional Society for ADHD and Related Disorders (APSARD)*.

The Relationship Between Psychopathy, Attention Deficit Hyperactivity Disorder Symptoms and Hedonic Tone [Poster Presentation]. Campbell, C., Vernon, T., Katzman, M.A., & Sternat, T. 2021, January. *The Annual Meeting of the American Professional Society*.

Researcher Spotlight

CADDRA in conversation with Penny Corkum, Ph.D.

Penny Corkum is a registered psychologist with a background in school and child clinical psychology. She is a professor in the Department of Psychology and Neuroscience at Dalhousie University, Halifax and is cross-appointed in psychiatry as well as being on the scientific staff at IWK Health Centre.

Click here for the video interview

Dr. Corkum describes how a life-long interest in, and focus on, working with children with neurodevelopmental disorders has informed her research and work life. She outlines her multi-faceted work responsibilities that include running a clinic, conducting research, teaching and training.

Dr Corkum will provide information on the **ASSIST** study (Accessible Strategies Supporting Inclusion for Students by Teachers). This project was formerly known as Teacher's Help.

> ***"The skills they [teachers] are learning are not specific to one student but can really generalize to other students. That's exciting because it means that the investment they are making will pay off in the longer terms. It's just not a one-time use."***

assistforteachers.ca

ADHD Research in the News

Analysis of summary data from ~60,000 people in the ENIGMA project showed similarities in structural brain imaging results across certain neuropsychiatric disorders. This was partly accounted for by corresponding cross-disorder correlations in genetic factors. Publication

Machine learning model detects ADHD with near perfect accuracy, superior to traditional behavioral diagnosis. Story / Publication

A systematic literature review suggests ADHD imposes a substantial economic burden on society. Total-cost per-person estimates range from $831.38 USD to $20,538 USD. Publication

Risk of ADHD diagnosis is lower in children who follow healthy lifestyle recommendations. Story / Publication

Common genetic variants link autism, ADHD, and Tourette syndrome. Story / Publication

A meta-analysis revealed mood disorders increase risk of ADHD across the lifespan. Publication

A U.S. study examined prospective mental health symptom change from before to during COVID in teens with and without ADHD. Both ADHD and emotion dysregulation increase risk of symptoms across time points but the two combined posed the greatest risk. Publication

Enhancing social interactions is an important mitigation strategy for children with and without pre-existing psychiatric conditions during a pandemic. Publication

Application Deadlines

Grants

SSHRC Partnership Engage Grants provide short-term and timely support for partnered research activities that will inform decision-making at a single partner organization from the public, private or not-for-profit sector: **March 15th, 2021**.

Brain and Behavior Research Foundation, Young Investigator Grants support researchers to launch careers in neuroscience and psychiatry and to gather pilot data to apply for larger federal and university grants: **March 25, 2021**.

CIHR/SickKids Foundation: New Investigator Grants in Child and Youth Health, New Investigator Grants provide important early career development support to child health researchers. Deadline for applications: **April 20, 2021**.

SSHRC Connection Grants support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives: **May 1st, 2021**.

CIHR/SickKids Conference Grants support events organized by and/or for families with children with health challenges, including but not limited to children with acute illness, chronic illness, and disabilities. Eligible events focus on information sharing between health professionals, community organizations, and families: **May 31, 2021.**

Awards

CHADD, 2021 Young Scientist Research Awards, a program recognizing emerging researchers making contributions to the understanding of ADHD. Applications are due **March 31, 2021**.

The Canadian Psychiatric Association, call for submissions: CPA Junior Investigator Research Colloquium. The Colloquium aims to provide guidance, mentorship and encouragement to young investigators in the early phases of their training and obtain feedback about their past, present and future research from mentors: Submission Deadline: **April 1, 2021** (PST)

Submission Calls

Journal of the American Academy of Child and Adolescent Psychiatry call for review papers on emotion dysregulation. Proposal Deadline: **April 1, 2021**

CADDRA 2021 call for submissions for 8th Annual ADHD Research Day &17th Annual ADHD Conference. Deadline: **April 30, 2021**

Advertise ADHD Research Jobs & Volunteer Opportunities

Send your information to:
stacey.espinet@caddra.ca

Information **must** be submitted by **the first of each publication month** (March, June, September, December).

CADDRA 2021

A Virtual Experience!

Call for Submissions

Deadline: **April 30**

8th Annual ADHD Research Day
Friday, October 1

17th Annual ADHD Conference
Saturday, October 2 & Sunday, October 3

Further information and submission portal available at
caddra.societyconference.com

CADDRA Research Committee

Introducing the 2021 members of the new CADDRA ADHD Research Committee.

Committee members will oversee planning of Research Day and implementation of CADDRA's mission and research agenda identified as part of CADDRA's overall strategic plan.

Anne-Claude Bedard Ph.D.

Dr. Bedard is an Assistant Professor, Teaching Stream, in the Department of Applied Psychology and Human Development, Ontario Institute for Studies in Education (OISE), University of Toronto.
Dr. Bedard's research focuses on evaluating the impact of different intervention modalities on cognitive functioning in individuals with ADHD across the lifespan.

Debra Butt M.Sc., M.D., C.C.F.P.

Dr. Butt is an Associate Professor and Clinician Scientist in the Department of Family and Community Medicine at the University of Toronto. Dr. Butt works as a family physician at a community-based practice in Scarborough, Ontario. Dr. Butt has done extensive work with large datasets including health care administrative data and primary care electronic medical records. Her published work includes several validation studies for various medical conditions, and she is currently working on a validation study to identify individuals with ADHD using family physicians' electronic medical records.

Brandy Callahan Ph.D., R.Psych.

Dr. Callahan is currently an Assistant Professor of Psychology at the University of Calgary, and holds a Tier II Canada Research Chair in Adult Clinical Neuropsychology. Her research program integrates neuropsychology, neuroimaging, neuropathology and genetics to better understand age-related brain changes in adults and seniors with complex medical and psychiatric histories.

Emma A Climie Ph.D., R.Psych.

Dr. Climie is an Associate Professor and Registered Psychologist in the School and Applied Child Psychology program in the Werklund School of Education at the University of Calgary. Her research focuses on understanding children with ADHD from a strengths -based perspective, with an emphasis on resilience, social-emotional well-being, emotional intelligence, stigma, and social cognition.

Penny Corkum Ph.D. R.Psych.

Dr. Corkum is a Registered Psychologist and Professor at Dalhousie University, Scientific Staff at the IWK, and Director of the Colchester East Hants ADHD Clinic. Her research and clinical practice is in the area of ADHD and pediatric sleep problems in elementary-school aged children. Over the last decade, Dr. Corkum has been leading the development, evaluation, and sustainability of eHealth, eLearning, and App programs to support children with neurodevelopmental disorders at home and in school.

Natalie Grizenko M.D., F.R.C.P.C .

Dr. Grizenko, Psychiatrist and Medical Chief of the ADHD clinic and Severe Disruptive Behaviour Disorders Program at the Douglas Institute. Associate Professor, McGill University Natalie Grizenko works as a clinician researcher, teacher and administrator. She has conducted research in: day treatment effectiveness; risk and protective factors in children; transcultural child psychiatry; effectiveness of social skills training; pharmacogenetics and neuroimaging of ADHD; effectiveness of ADHD interventions; and prenatal/ postnatal risk factors in ADHD (including maternal stress and smoking during pregnancy).

CADDRA Research Committee

Jacqueline Hesson Ph.D.

Dr. Hesson has a Ph.D. in Clinical Neuropsychology from the University of Victoria. She is currently an associate professor at Memorial University of Newfoundland where her research focus is ADHD. She also maintains a small ADHD-focused clinical practice.

Lily Hechtman M.D., F.R.C.P.

Dr. Hechtman is a Professor of Psychiatry and Pediatrics at McGill University and Director of Research in the Division of Child Psychiatry. She is a child and adult psychiatrist based at the Montreal Children's Hospital, and an internationally recognized researcher in ADHD. Dr. Hechtman's research has focused on long-term (15 year) prospective studies of children with ADHD followed into adolescence and adulthood. She also did multimodal treatment studies of children with ADHD.

Martin Katzman M.D., F.R.C.P.C.

Dr. Katzman is the Clinic Director and a Staff Psychiatrist at the S.T.A.R.T. Clinic for Mood and Anxiety Disorders in Toronto, Canada. He is also a faculty member at the Northern School of Medicine, Lakehead University and Adler Professional Graduate School. He is additionally a Board Member at the American Professional Society of ADHD and Related Disorders (APSARD). Most recently, his specific interests have involved examining the role of "Intolerance of Uncertainty" as a driver of psychopathology and the role of "Hedonic Tone" in predicting the presence of comorbid conditions and differential response to treatment.

Carlin J Miller Ph.D.

Dr. Miller is a Professor in the Psychology Department, University of Windsor. Her research program is focused on the longitudinal course of ADHD, including issues related to temperament/personality, substance abuse/dependence, and remission of ADHD symptom predictors.

Maria Rogers Ph.D., C.Psych.

Dr. Rogers is an Associate Professor in the School of Psychology at the University of Ottawa. As the Director of the University of Ottawa ADHD and Development Lab, Dr. Rogers has broad interests in the school and family functioning of children, youth, and young adults with ADHD and associated disorders. Dr. Rogers' recent work has focused on understanding family-level risk and protective factors when young children demonstrate early attentional and self-regulation difficulties.

Sarojini Sengupta Ph.D.

Dr. Sarojini Sengupta, Research Associate, Douglas Mental Health University Institute and Affiliate Member, Department of Psychiatry, McGill University, is actively engaged in clinically-relevant research, focusing on the complex etiology of ADHD. In particular, her work focuses on understanding the role of genetic and environmental factors, and their intersection, including epigenetic mechanisms, important for etiology and treatment outcome. She has initiated, and is independently conducting, a multi-disciplinary project using novel Artificial Intelligence methods to predict treatment response and side effects in children with ADHD.

Maggie Toplak Ph.D., C.Psych.

Dr. Toplak is an Associate Professor in the Department of Psychology at York University and a core member of the LaMarsh Centre for Child and Youth Research. The focus of her research is on the development of judgment and decision-making, including their association with individual differences in cognitive abilities and performance-based measures of executive function. Her research has been informed by using participants across the lifespan and with special populations, including youth with ADHD, young offenders and pathological gamblers.

" I like it when researchers come together and new ideas emerge organically. It is one of my favourite parts of the ADHD Research day. "

~ CADDRA Member