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Dr. Leslie E. Roos

Correspondence language: English

Sex: Female

Date of Birth: 10/11

Canadian Residency Status: Canadian Citizen

Country of Citizenship: Canada

Contact Information

The primary information is denoted by (*)

Address

Primary Affiliation (*)

University of Manitoba
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Dr. Leslie Roos

Degrees

2013/4 - 2018/6 Doctorate, Doctorate of Philosophy, University of Oregon
Degree Status: Completed

Recognitions

2016/9 - 2017/6 Graduate Research Fellowship, Frontiers of Innovation Measurement and Evaluation Hub
University of Oregon

2016/4 First Place Symposium, Graduate Research Forum
University of Oregon

2015/9 - 2016/9 Marthe E. Smith Memorial Science Scholarship
University of Oregon

2013/6 Developmental Neuroscience Summer Fellow
University of Maryland at College Park

2010/6 Mureil Fain Sher Premium Graduating Award
Brown University

Employment

2018/7 Assistant Professor
Psychology, Faculty of Arts, The University of Manitoba

2017/7 Research Associate
Psychology, Centre for Translational Neuroscience, Faculty of Arts and Sciences,
University of Oregon

2017/9 - 2018/7 Clinical Psychology Resident
Centre for Addiction and Mental Health

Affiliations

The primary affiliation is denoted by (*)

(*) 2018/7 Assistant Professor, Psychology, The University of Manitoba

Leaves of Absence and Impact on Research

2018/7 - 2019/6	Parental, The University of Manitoba One year of Maternity Leave. This had minimal impact on my program of research, but limited my availability to attend conferences.
2015/10 - 2016/1	Parental, University of Oregon Three months of Maternity Leave. This had minimal impact on my program of research, but limited my availability to attend conferences.

Research Funding History

Awarded [n=9]

2020/1 - 2025/1 Principal Applicant	The Hearts and Minds Lab; Leveraging Translational Neuroscience to Support Intergenerational Well-Being Funding Sources: Canada Foundation for Innovation (CFI) John Evans Leaders Fund Total Funding - 627,130 Funding Competitive?: Yes
2019/5 - 2022/5 Co-applicant	The Mental Health Impact and Needs of Those Living with Food Allergy: Perceptions from children, parents and care providers to inform a needs-based multifaceted support programs and policy Funding Sources: Canadian Institutes of Health Research (CIHR) Operating Grant: ECI grants in Maternal, Reproductive, Child & Youth Health Total Funding - 105,000 Funding Competitive?: Yes Co-applicant : Dr. Elinor Simons; Dr. Elissa Abrams; Dr. S. Elliot; Principal Applicant : Dr. Jennifer Protudjer
2019/4 - 2022/4 Co-applicant	Across the Spectrum: Building a Multi-Sector Partnership to Conduct Social Policy Evaluation and Research Using Big Data Funding Sources: Social Sciences and Humanities Research Council of Canada (SSHRC) Partnership Development Grant Total Funding - 199,960 Funding Competitive?: Yes
2019/7 - 2021/7 Principal Investigator	The Impacts of Maternal Social Buffering on Preschoolers' Emotional, Behavioural, and Physiological Responses to Stress Funding Sources: Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grant Total Funding - 71,980 Funding Competitive?: Yes
2019/7 - 2021/7 Principal Applicant	Building Regulation in Dual Generations; The BRIDGE Program Funding Sources: Research Manitoba New Investigator Operating Grant Total Funding - 129,947

Funding Competitive?: Yes

2020/1 - 2021/1 A precision-based evaluation of the families first home visiting program

Principal Investigator

Funding Sources:

University of Manitoba

University Collaborative Research Program

Total Funding - 24,977

Funding Competitive?: Yes

2020/1 - 2021/1 Indigenous child wellness in Manitoba: Measurement considerations guided by a
Principal Investigator community advisory council

Funding Sources:

University of Manitoba

University Indigenous Research Program

Total Funding - 24,653

Funding Competitive?: Yes

2019/6 - 2020/6 The Impact of Food Allergy on Mental Health Outcomes on Children and their Families
Co-investigator

Funding Sources:

University of Manitoba

University Collaborative Research Program

Total Funding - 25,000

Funding Competitive?: Yes

2019/4 - 2020/4 Partnering with Adolescents to Inform a Nation-wide Food Allergy and Mental Health
Co-investigator Program

Funding Sources:

Centre for Healthcare Innovation

Preparing for Research by Engaging Patient and Public Partners; PREPP

Total Funding - 5,000

Funding Competitive?: Yes

Principal Investigator : Dr. Jennifer Protudjer

Completed [n=2]

2015/4 - 2016/9 Translational Drug Abuse Prevention Center, Pilot Grant

Principal Investigator

Funding Sources:

National Institutes of Health (NIH) (USA)

Pilot grant from centre funding

Total Funding - 20,000

Funding Competitive?: Yes

2014/9 - 2016/9 Fellowship, Emerging Researchers in Childhood Maltreatment
Principal Investigator

Funding Sources:

United States Administration for Children and Families

Children's Bureau

Total Funding - 106,000

Funding Competitive?: Yes

Declined [n=1]

2018/7 - 2021/7 Canadian Institutes of Health Research, Postdoctoral Fellowship

Principal Applicant

Funding Sources:

Canadian Institutes of Health Research (CIHR)

Post Doctoral Fellowship
 Total Funding - 135,000
 Funding Competitive?: Yes

Publications

Journal Articles

1. Abrams E.M., Simons E., Roos L., Hurst K, Protudjer J.L.P. (2020). Qualitative analysis of perceived impacts of childhood food allergy on caregiver mental health and lifestyle. *Annals of Allergy, Asthma & Immunology*. : : ..
 Accepted
 Refereed?: Yes
2. Katz, C., Roos, L.E., Wang, Y., Bolton, J., Hwang, S., Katz, L.Y., Bourque, J., Adair, C.E., Somers, J.M., Sareen, J. (2019). Predictive Validity of the MINI Suicidality Subscale for Suicide Attempts in a Homeless Population with Mental Illness. *Suicide and Life-Threatening Behavior*. -: -.
 Published
 Refereed?: Yes, Open Access?: No
3. Roos, L.E., Giuliano, R.J., Beauchamp, K.G., Berkman, E.T., Knight, E.L., Fisher, P.A. (2019). Acute Stress Impairs Children's Sustained Attention with Increased Vulnerability for Children of Mothers reporting Higher Parenting Stress. *Developmental Psychobiology*. -: -.
 In Press
 Refereed?: Yes
4. Flannery J.E., Stagaman K., Burns A.R., Hickey R.J., Roos L.E., Giuliano R.J., Fisher P.A., Sharpton T.J. (2019). Gut feelings begin in childhood: the gut metagenome correlates with early environment, caregiving, and behavior. *mBio*. 11: -.
 Published
 Refereed?: Yes
5. Noll, L.K., Lewis, J., Zalewski, M., Gamache Martin, C., Roos, L.E., Cummins, N., Reinhardt, K. (2019). Initiating a DBT Consultation Team: Conceptual and Practical Considerations for Training Clinics. *Training and Education in Professional Psychology*. -: -.
 Accepted
 Refereed?: Yes
6. Roos, L.E., Horn, S., Berkman, E. T., Pears, K., & Fisher, P.A. (2018). Leveraging Translational Neuroscience to Inform Early Intervention and Addiction Prevention for Children Exposed to Early Life Stress. *Neurobiology of Stress*. -: -.
 In Press
 Refereed?: Yes, Open Access?: Yes
7. Roos, L.E., Beauchamp, K.G., Flannery, J.E., & Fisher, P.A. (2018). Cultural Contributions to Childhood Executive Function. *Journal of Cognition and Culture*. -: -.
 In Press
 Refereed?: Yes, Open Access?: No
8. Horn, S., Roos, L.E., Berkman, E. T., & Fisher, P.A. (2018). Neuroendocrine and immune pathways from pre- and perinatal stress to substance abuse. *Neurobiology of Stress*. -: -.
 In Press
 Refereed?: Yes, Open Access?: Yes

- [9.](#) Horn, S.R., Roos, L.E., Beauchamp, K.G., Flannery, J.E., & Fisher, P.A. (2018). Polyvictimization and externalizing symptoms in foster care children: the moderating role of attention/executive functioning. *Journal of Trauma & Dissociation*. 19: 307-324.
In Press
Refereed?: Yes, Open Access?: No
10. Giuliano, R.J., Karns, C.M., Roos, L.E., Bell, T., Petersen, S., Skowron, E.S. Neville, H.J., & Pakulak, E. (2018). Effects of Early Adversity on Neural Mechanisms of Distractor Suppression Are Mediated by Sympathetic Nervous System Activity in Preschool-Aged Children. *Developmental Psychology*. 54(9): 1674-1686.
Published
Refereed?: Yes, Open Access?: No
- [11.](#) Giuliano, R.J., Farrar, J.D., Roos, L.E. & Skowron, E.A. (2018). Cumulative Risk Exposure Moderates the Association between Parasympathetic Reactivity and Inhibitory Control in Preschool-Aged Children. *Developmental Psychobiology*. 60(3): 324-332.
Published
Refereed?: Yes, Open Access?: No
- [12.](#) Beauchamp, K.G., Giuliano, R., Zalewski, M., Kim, H.K., & Fisher, P.A. (2018). Children's biological responsivity to acute stress predicts concurrent cognitive performance. *Stress*. 21(4): 347-354.
Published
Refereed?: Yes, Open Access?: No
13. Giuliano, R.J., Roos, L.E. Farrar, J.D., & Skowron, E.A. (2018). Cumulative risk exposure moderates the association between parasympathetic reactivity and inhibitory control in preschool-age children. *Developmental Psychobiology*. 60(3): 324-332.
In Press
Refereed?: Yes, Open Access?: No
14. Giuliano, R.J., Gatzke-Kopp, L.M., Roos, L.E., Skowron, E.A. (2017). Resting sympathetic arousal moderates the association between parasympathetic reactivity and working memory performance in adults reporting high levels of life stress. *Psychophysiology*. 54(8): 1195-1208.
Published
Refereed?: Yes, Open Access?: No
15. Martin McDermott, J., Pears K.C., Bruce, J., Kim, H., Roos, L.E., Yoerger, K.L., & Fisher, P.A. (2017). Improving kindergarten readiness in children with developmental disabilities: changes in neural correlates of response monitoring. *Applied Neuropsychology: Child*. 7(3): 187-199.
Published
Refereed?: Yes, Open Access?: No
16. Aquin, J., Roos, L.E., Distasio, J., Katz, L., Bourque, J., Bolton, J., Bolton, S., Wong, J., Chateau, D., Somers, J.M., Enns, M.W., Hwang, S., Frankish, J.C., & Sareen, J. (2017). Effect of housing first on suicidal behaviour: A randomized controlled trial of homeless adults with mental disorders. *Canadian Journal of Psychiatry*. 62(7): 473-481.
Published
Refereed?: Yes, Open Access?: No
17. Quevedo, K., Doty, J., Roos, L.E., & Anker, J. (2017). The Cortisol Awakening Response and Anterior Cingulate Cortex Function in Maltreated Depressed versus Non-Maltreated Depressed Youth. *Psychoneuroendocrinology*. 86: 87-95.
In Press
Refereed?: Yes, Open Access?: No

18. Roos, L.E., Knight, E.L., Beauchamp, K.G., Berkman, E.T., Faraday, K., Hyslop, K., & Fisher, P.A. (2017). Acute stress impairs inhibitory control based on individual differences in parasympathetic nervous system activity. *Biological Psychology*. 125: 58-63.
Published
Refereed?: Yes, Open Access?: No
19. Roos, L.E., Knight, E.L., Beauchamp, K.G., Giuliano, R.J., Fisher, P.A. & Berkman, E.T. (2017). Methodological precision is key in acute stress and executive function research: A commentary on Shields et al., 2016. *Neuroscience and Biobehavioral Reviews*. 83: 140-144.
In Press
Refereed?: Yes, Open Access?: No
20. Gamache-Martin, C., Roos, L.E., Cummins, N., & Zalewski, M. (2017). A dialectical behavior therapy skills group casestudy on mothers with severe emotion dysregulation. *Cognitive Behavioral Therapy*. 24(4): 405-415.
Published
Refereed?: Yes, Open Access?: No
21. 19. Jankowski, K.F., Bruce, J., Gilliam, K., Roos, L.E., Moore, W.E., & Fisher, P.A. (2016). Preliminary evidence of the impact of early childhood maltreatment and a preventive intervention on neural patterns of response inhibition in early adolescence. *Developmental Science*. 20(4): e12413.
Published
Refereed?: Yes, Open Access?: No
22. Roos, L.E., Beauchamp, K.G., Pears, K.P., Fisher, P.A., Berkman, E.T., & Capaldi, D. (2016). The effects of prenatal substance exposure on neurocognitive correlates of inhibitory control success and failure. *Applied Neuropsychology: Child*. 6(4): 1-12.
Published
Refereed?: Yes, Open Access?: No
23. Roos, L.E., Kim, H.K., Schnabler, S., & Fisher, P.A. (2016). Individual differences in executive function performance in at CPS-involved sample of young children: sociodemographic, cumulative risk, and specific adversity influences. *Children and Youth Services Review*. 71: 184-190.
Published
Refereed?: Yes, Open Access?: No
24. Roos L.E., Afifi, T.A., Gamache-Martin, C., Pietrzak, R., Tsai, J., & Sareen, J. (2016). Linking typologies of childhood adversity to adult incarceration: Findings from a nationally representative sample. *American Journal of Orthopsychiatry*. 86(5): 584-593.
Published
Refereed?: Yes, Open Access?: No
25. Fisher, P.A., Beauchamp, K.G., Roos, L.E., Noll, L.K., Flannery, J., & Delker, B.C. (2016). Neurobiology of intervention and prevention in early adversity. *Annual Review of Clinical Psychology*. 12: 331-357.
Published
Refereed?: Yes, Open Access?: No
26. Roos, L.E., Giuliano, R.J., Beauchamp, K.G., Gunnar, M., Amidon, B., & Fisher, P.A. (2016). Validation of autonomic and endocrine reactivity to a laboratory stressor in young children. *Psychoneuroendocrinology*. 77: 51-55.
Published
Refereed?: Yes, Open Access?: No
27. DeBoer, T., Distasio, J., Roos, L.E., Goering, P., Issak, C., Katz, L., & Sareen, J. (2015). What are the predictors of volatile substance use in an urban community of adults who are homeless?. *Canadian Journal of Psychiatry*. 34(2): 37-51.
Published
Refereed?: Yes, Open Access?: No

28. Roos L.E., Kim, H., Neiderhiser, J., Shaw D., Reiss, D., Natsuaki, M., & Leve, L. (2015). Inherited and environmental influences on a childhood co-occurring symptom phenotype: Evidence from an adoption study. *Development and Psychopathology*. 28(1): 111-125.
Published
Refereed?: Yes, Open Access?: No

Book Chapters

1. Roos, L.E., Beauchamp, K.G., Flannery, J.E., Horn, S.R., & Fisher, P.A. (2018). Interventions, Stress during Development, and Psychosocial Adjustment. Mehta, P., Schultheiss, O. *International Handbook of Social Endocrinology*. : --.
In Press, Routledge, United States
2. Roos L, Giuliano R, Beauchamp K, Fisher P. (2017). Biological measurements in family psychology. American Psychological Association. *APA Handbook of Contemporary Family Psychology*. : --.
Published, APA, United States
3. Fisher, P., Leve, L., Delker, B., Roos, L.E., Cooper, B. (2016). A Developmental Psychopathology Perspective on Foster Care Research. Cicchetti, D. *Developmental Psychopathology Risk, Disorder, and Adaptation*. : --.
Published, Wiley, United States

Presentations

1. (2018). Science-based approach to program evaluation. The Center on the Developing Child at Harvard University 'Innovation in Action Workshop,' (invited speaker), United States
Main Audience: Researcher
Invited?: Yes, Keynote?: No
2. (2018). Leveraging Acute Stress Research to Inform Self-Regulation in Children Exposed to Early Life Stress. Centre for Addiction and Mental Health, Psychology Resident Seminar, Canada
Main Audience: Researcher
Invited?: Yes, Keynote?: No
3. James Radner; Holly Schindler. (2017). Shared Learning Using Aggregate Data. Frontiers of Innovation Washington Cluster Meeting (invited speaker), United States
Main Audience: Knowledge User
Invited?: Yes, Keynote?: No
4. (2016). Social determinants of neurobiology and stress. University of Oregon Graduate Student Research Forum, United States
Main Audience: Knowledge User
Invited?: No, Keynote?: No
5. (2016). Individual differences in executive function performance in at CPS-involved sample of young children: sociodemographic, cumulative risk, and specific adversity influences. Administration for Children and Families Grantee Meeting, United States
Main Audience: Researcher
Invited?: Yes, Keynote?: No

Student/Postdoctoral Supervision

Bachelor's Honours [n=2]

2016/3 - 2017/6 Co-Supervisor	Kara Martin, University of Oregon Thesis/Project Title: Does Emotion Regulation Impact How Mothers Interact With Their Children During Freeplay? Present Position: Master Graduate Student
2015/1 - 2016/6 Co-Supervisor	Taylor Wilson, University of Oregon Thesis/Project Title: Maternal Risk and its Relationship to Children's Executive Function Present Position: Social Worker

Master's Thesis [n=4]

2019/9 Principal Supervisor	Sandra Hunter, University of Manitoba Thesis/Project Title: Bringing Traditional Indigenous Knowledge to Understand Maternal-Child Health Programming Needs Present Position: Master Graduate Student
2019/9 Principal Supervisor	Kayla Joyce, University of Manitoba Thesis/Project Title: Maternal co-occurring depression and substance use predict individual differences in child outcomes in the Families First Program. Present Position: Master Graduate Student
2019/9 Principal Supervisor	Marlee Salsbury, University of Manitoba Thesis/Project Title: Dyad interactions predict children's Autonomic Function under Cognitive Challenge Present Position: Master Graduate Student
2018/9 - 2021/5 Principal Supervisor	Shaelyn Steinwandt, University of Manitoba Thesis/Project Title: - Present Position: Master Graduate Student

Doctorate [n=2]

2018/11 - 2021/9 Principal Supervisor	Lauren Kaminski, University of Manitoba Thesis/Project Title: - Present Position: -
2018/10 - 2021/9 Academic Advisor	Tracie Parkinson, University of Manitoba Thesis/Project Title: - Present Position: -