Luke R. Mungall

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EDUCATION

2021-Present **PhD Student, Psychology and Neuroscience (Experimental Stream)**
Dalhousie University, Halifax NS
Fast-tracked from the MSc program in August 2022.

2020 **BA, Psychology (First Class Honours with Distinction)**
Mount Allison University, Sackville, NB
Minor in Philosophy
CGPA: 3.793/4.30

AWARDS, GRANTS, AND SCHOLARSHIPS

2023 – 2027	SSHRC Doctoral Fellowship	$120,000
2021 – 2022	Nova Scotia Graduate Scholarship	$20,000
2021 – 2023	Dalhousie Graduate Fellowship	$17,516
2021 – 2022	New Brunswick Spiritual Health Network Operating Grant	$5,000
2020	Dr. Greenidge Scholarship	$1,000
2019	Independent Student Research Grant	$7,100
2018 – 2020	Dean's List	
2016 – 2017	Khaki Scholarship	$500

PEER-REVIEWED PUBLICATIONS

Pruysers, S., Blais, J., & **Mungall, L. R**. (2026). Do strategic voters have a strategic personality? Examining the role of Machiavellianism in strategic voting. *Electoral Studies*, *101,* 103074. https://doi.org/10.1016/j.electstud.2026.103074.

Mungall, L. R., Mackinnon, S. P., Blais, J., & Pruysers, S. (2025). The Narcissistic Grandiosity Scale and Narcissistic Vulnerability Scale: Testing their convergent validity, factor structure, and measurement invariance across gender/sex among Canadian adults. *European Journal of Psychological Assessment*. Advance online publication. https://doi.org/10.1027/1015-5759/a000933

Mungall, L. R., Fazaa, G. R., & Blais, J. (2025). A Pre-Registered Examination of the Relationship Between Personality, Stress, and Academic Cheating in the Age of Online Learning. *Psychological Reports*, 0(0). https://doi.org/10.1177/00332941251379435

McGregor, R. M., **Mungall, L.,** & Pruysers, S. (2025). Personality and (Negative) Partisanship in Canadian Federal Politics. *Political Studies*, 0(0). https://doi.org/10.1177/00323217251338491

Tang, K. T., **Mungall, L. R.,** Blais, J., & Pruysers, S. (2025). Dark Triad Traits and Cyberbullying Perpetration: Addressing Current Limitations in Dark Triad Studies. *Deviant Behavior*, 1-20. https://doi.org/10.1080/01639625.2025.2468263

Mungall, L. R., Pruysers, S., & Blais, J. (2024). Online and Unkind: Examining the Personality Correlates of Online Political Incivility. *Social Science Computer Review*, 43(1), 3-26. https://doi.org/10.1177/08944393241249725

Blais, J., **Mungall, L. R.**, & Pruysers, S. (2024). Personality, political ideology, and partisanship in Canada. *Canadian Journal of Behavioural Science / Revue canadienne des sciences du comportement*, 56(2), 81–92. https://doi.org/10.1037/cbs0000355

Blais, J., Fazaa, G. R., & **Mungall, L. R.** (2023). A Pre-Registered Examination of the Relationship Between Psychopathy, Boredom-Proneness, and University-Level Cheating. *Psychological Reports*, 128(4), 2401-2419. https://doi.org/10.1177/00332941231184385

WORKING PAPERS

Mungall, L. R., Blais, J., & Pruysers, S. (2024). Development and preliminary validation of the Machiavellian adjective scale. *Manuscript in Preparation.*

Mungall, L. R., Mackinnon, S. P., Blais, J., & Pruysers, S. (2024). Evaluating the psychometric properties of the Five Factor Machiavellianism Inventory in a Canadian sample. *Manuscript in preparation.* https://doi.org/10.17605/OSF.IO/294KP

Pruysers, S., & Blais, J., **Mungall, L. R.** (2024). Do strategic voters have a strategic personality? Examining the role of Machiavellianism in vote-switching. *Manuscript in preparation.*

HONOURS THESIS

Mungall, L. R. (2020). *Meaning-making and resilience in parents of children with complex care needs*. [Unpublished Honour's Thesis]. Mount Allison University.

CONFERENCE PRESENTATIONS

Pruysers, S., Blais, J., & **Mungall, L. R.** (June, 2025). *Is Machiavellianism a strategic personality trait? Exploring the role of Machiavellianism in strategic voting.* Paper presented at the Canadian Psychological Association Annual National Convention, St. John's, NL.

Mungall, L. R., Pruysers, S., Blais, J. (June, 2025). *Personality traits and voter turnout in Canadian federal elections.* Paper presented at the Canadian Psychological Association Annual National Convention, St. John's, NL.

Mungall, L. R., Mackinnon, S. P., Blais, J., & Pruysers, S. (June, 2024). *Evaluating the psychometric properties of the Five Factor Machiavellianism Inventory in a Canadian sample.* Paper presented at the Canadian Psychological Association Annual National Convention, Ottawa, ON.

Mungall, L. R., Pruysers, S., & Blais, J. (June, 2023). *Do strategic voters have a strategic personality? Examining the role of Machiavellianism in vote-switching.* Paper presented at the Canadian Political Science Association (CPSA), Toronto, ON.

Mungall, L. R., Pruysers, S., & Blais, J. (October, 2022). *Personality and political incivility in the online environment.* Paper presented at the 2022 Atlantic Provinces Political Science Association Conference.

Mungall., L. R., Blais, J., & Pruysers, S. (May, 2022). *Personality, political ideology, and partisanship in Canada*. Paper presented at the Canadian Political Science Association (CPSA) Virtual Conference.

Mungall, L. R. (September, 2019). *Effectiveness of resilience interventions for parents of children with complex care needs: A systematic review protocol*. Paper presented at the Summer Undergraduate Research Fair, Mount Allison University, Sackville, NB.

Mungall, L. R. (May, 2019). *Stimulus category and the Colavita effect*. Paper presented at the Science Atlantic (Psychology) meeting, Mount Allison University, Sackville, NB.

RESEARCH EXPERIENCE

2022-Present **Research Assistant**, Forensic Psychology and Personality Lab (FPP Lab), Dalhousie University, Halifax, NS

- Providing assistance in survey and experiment administration for a SSHRC-funded research grant exploring the effectiveness of personality-targeted advertising

2022-Present **Laboratory Assistant,** Forensic Psychology and Personality Lab (FPP Lab), Dalhousie University, Halifax, NS

- Assisting with several administrative duties within the FPP lab, including database management, codebook development, grant writing, and manuscript formatting and editing.

2022 **Independent Study,** Dalhousie University, Halifax, NS

- Developed preregistration for data analysis for a study on personality and academic cheating. Conducted power analysis and wrote a methods and results section for a manuscript.

2021 **Independent Study,** Dalhousie University, Halifax, NS

- Wrote annotated bibliography, literature review, and discussion for manuscript on personality, political ideology, and partisanship in Canada.

2021 **SOAR Research Assistant,** Saint John Regional Hospital, Saint John, NB

- Conducted literature reviews for project protocols, accessed patient record databases for data collection, transcribed qualitative interviews, and maintained data spreadsheets for Horizon Health Network's SOAR (Support Opportunities and Assistance for Research) team.

2019 – 2020 **Honours Thesis**, Mount Allison University, Sackville, NB

- Conducted and transcribed semi-structured qualitative interviews with parents of children with complex care needs to explore their caregiving experiences, meaning-making, and resilience.

2019 **Independent Summer Researcher,** Mount Allison University, Sackville, NB

- Developed a systematic review protocol on the effectiveness of resilience interventions for parents of children with complex care needs.

2019 **Independent Study**, Mount Allison University, Sackville, NB

- Conducted an independent study on the effect of stimulus category on the Colavita effect.

2018 **Paid Research Assistant**, Mount Allison University, Sackville, NB

- Conducted literature searches and recorded search results for a literature review on stress and coping in parents of children with complex care needs.

2018 **Volunteer Research Assistant,** Mount Allison University, Sackville, NB

- Led participants through a task-switching and attention experiment and collected response data.

PROFESSIONAL TRAINING

2024 **EPAH 6056: Health Data Science**, Dalhousie University

- Graduate-level course teaching machine learning methods for doctoral students using the R programming language. Covered secondary data analysis (e.g., sampling weights, non-response adjustment), missing data and

multiple imputation, machine learning theory, classification and regression trees (including pruning, validation, and boosting), support vector machines, cluster analysis, and text data analytics using RapidMiner.

2023 **CH&E 6080: Measurements in Epidemiological Research**, Dalhousie University

- Graduate-level course teaching psychometric theory and methods for doctoral students using the R programming language. Covered concept analysis, measurement bias, classical test theory, item response theory, item development, reliability and validity, exploratory factor analysis, confirmatory factor analysis, and group-based measurement invariance.

2023 **Mitacs Invention to Innovation (i2I) Skills Training [Atlantic]**

- 9-month program equipping participants with the theory, frameworks and skills to commercialize inventions by becoming an innovation champion in industry, increasing knowledge mobilization through translational science, or becoming a scientist entrepreneur.

2022 **The Collection and Analysis of Intensive Longitudinal Data**, American Psychological Association

- Five-day virtual workshop that provided an introduction to intensive longitudinal methods, covering the collection of biobehavioral data, methodological challenges, multilevel modeling, and dynamic structural equation modeling

2022 **PSYO 6003: Multivariate Methods**, Dalhousie University

- Graduate-level statistics course for doctoral students in psychology and neuroscience using the R programming language. Covered power analysis, logistic regression, Poisson, negative binomial, and gamma regression, generalized estimating equations, exploratory factor analysis, confirmatory factor analysis, structural equation modelling, and latent growth curves.

2022 **Equity-Informed Measurement**, The Pittsburgh Summer Methodology Series

- Three-day virtual workshop that centers equity in understanding psychological measurement. Covered measurement invariance, confirmatory factor analysis, and MIMIC models using MPlus

2022 **Introduction to Item Response Theory**, The Pittsburgh Summer Methodology Series

- Three-day virtual workshop introducing researchers to item response theory and its application, focusing on the Graded Response Model.

2022 **Introduction to Structural Equation Modeling**, Center Stat

- Three-day virtual workshop introducing researchers to structural equation modeling, covering path analysis, confirmatory factor analysis, and structural equation modeling with latent variables in R.

2022 **PSYO 6001: Fundamentals of Statistics and Design**, Dalhousie University
- Graduate-level statistics course for master's students in psychology and neuroscience using the R programming language. Covered R programming basics (e.g., data wrangling and visualization), linear regression, one-way ANOVA, factorial ANOVA, moderation, and linear mixed models.

2021 **Discover: Collide**, Dalhousie University
- Workshop teaching entrepreneurial skills, business idea development, and networking.
- Awarded 50$ for the being the winner of the final pitch competition; Pitched a business that would make it easier for companies to administer personality and cognitive ability testing in their hiring practices.

2021 **Discover Coding – R**, Dalhousie University
- Workshop teaching the basics of the statistics program R.

2021 **Discover Coding – Python**, Dalhousie University
- Workshop teaching the basics of the Python Programming language.

2019 **Systematic Review Workshop,** University of New Brunswick
- Workshop on systematic review methodology, including topic generation, database use, search strategies, citation managers, data extraction, and synthesis.

PROFESSIONAL SERVICE

2025-Present **Student Representative**, Psychology in the Military Section, Canadian Psychological Association

2023-2024 **Vice President of Social Affairs**, Dalhousie Association for Graduate Students in Psychology

2023-2024 **Committee Member,** Graduate Program Committee, Psychology and Neuroscience, Dalhousie University

2022-2023 **Committee Member**, Communications Committee, Psychology and Neuroscience, Dalhousie University

2021-2022 **Committee Member**, In-house Convention Committee, Psychology and Neuroscience, Dalhousie University

2019-2020 **Vice President of Social Affairs,** Mount Allison University Psychology Society

REVIEWER FOR THE FOLLOWING JOURNALS

Political Psychology (1)
Current Psychology (3)

CO-REVIEWER FOR THE FOLLOWING JOURNALS

Politics (1)
Scientific Reports (1)
Politics and Governance (1)
Personality and Social Psychology Bulletin (1)

TEACHING EXPERIENCE

2025 **Instructor:** Personality, Department of Psychology and Neuroscience
Dalhousie University

- Taught a remote asynchronous 3rd year undergraduate course in personality psychology.
- Prepared weekly lectures
- Graded student assignments and exams
- Supervised teaching assistant

2023 **Teaching Assistant:** Statistical Methods I, Department of Psychology and Neuroscience
Dalhousie University

- Proofread and uploaded weekly workshop materials.
- Proofread exam materials.
- Conducted test-prep sessions, reviewing and teaching class material.
- Assisted in weekly workshops teaching introductory statistics.
- Proctored examinations.

2023 **Teaching Assistant:** Personality, Department of Psychology and Neuroscience
Dalhousie University

- Prepared and delivered a guest lecture ("Personality and Political Psychology").
- Ran make-up exam sessions.
- Graded personality test assignments and short-answer exam questions.

- Offered office hours by appointment and answered student questions via email.

2022 **Teaching Assistant:** Methods in Experimental Psychology and Neuroscience, Department of Psychology and Neuroscience
Dalhousie University
- Prepared and lead laboratory seminars on literature reviews, research design, and scientific writing.
- Graded and provided feedback to students on laboratory assignment performance.
- Attended weekly meetings with teaching assistants and instructors to plan laboratory seminars.
- Held weekly office hours to answer student questions and concerns.

2022 **Teaching Assistant:** Experimental Social Psychology, Department of Psychology and Neuroscience
Dalhousie University
- Graded and provided in-depth feedback for students' assignments, assessing their scientific writing and methodological feasibility.
- Assignments included two main lab report assignments (introduction draft; preregistration plan) and three short assignments (annotated bibliography, hypothesis statements, method draft).
- Prepared and delivered a guest lecture ("How to find valid and reliable measures for your social-psychological study").
- Offered office hours by appointment and answered student questions via email.

2021-2022 **Proctor**, Department of Psychology and Neuroscience
Dalhousie University

2019 **Teaching Assistant:** Self, Society, and Freedom, Philosophy Department
Mount Allison University
- Conducted test-prep sessions, reviewing and teaching class material.
- Helped answer questions during class.
- Graded assignment submissions.

2019 **Teaching Assistant:** Social Psychology, Psychology Department
Mount Allison University
- Graded tests.
- Proctored exams.

2018 **Teaching Assistant:** Research Design and Analysis, Psychology Department
Mount Allison University

- Graded tests and assignments.
- Proctored exams.

COMMUNITY SERVICE AND ACTIVITIES

2021 – 2022 **Team Member**, TEDxDalhousie, Halifax, NS

- Helped organize speakers for independent TED talk series at Dalhousie University.

2019 **Orientation Committee Member**, Mount Allison University, Sackville, NB

- Helped organize and carry out Mount Allison's Orientation week events.

2019 – 2020 **Friendly Visiting Volunteer**, Sackville Memorial Hospital, Sackville, NB

- Visited and socialized with hospital inpatients.

2019 – 2020 **Volunteer,** Sensory Motor Instructional Leadership Experience (SMILE), Amherst NS

- Used effective behavioral techniques to interact with an monitor children with disabilities at Amherst YMCA, once a week.

2018 - 2020 **Vice President of Communications,** Change Your Mind, Mount Allison University, Sackville, NB

- Helped promote and plan events, activities, and online initiatives focused around mental health awareness and anti-stigmatization at Mount Allison University.

2018 – 2019 **Social Chair,** Hunton House, Mount Allison University, Sackville, NB

- Played leadership role in Mount Allison's residence, collaborating with team members to organize in-house events and to promote and maintain house spirit.

2016 – 2017 **Volunteer,** Habitat for Humanity, Mount Allison University, Sackville, NB

- Raised money and traveled to Winston-Salem, North Carolina to aid Habitat for Humanity in performing various construction duties for new affordable homes.

WORK EXPERIENCE

2020 – 2021 **Human Resources Assistant (Student)**, Department of National Defence, Toronto, ON (Remote)

- Perform administrative duties to ensure timely hiring of civilian employees within the Canadian Army and Royal Canadian Air Force.
- Create electronic employee files and store hiring-related data, documentation, and correspondence.

- Draft offer letters and post notices of consideration, appointment, and priority entitlement.

2020 – 2021 **Program Coordinator**, Go-Go Afterschool, Saint John, NB
- Supervised and interacted with children in an afterschool program by facilitating games and activities, upholding behavior guidelines, and maintaining daycare procedures and regulations.

2018 – 2020 **Campus Ambassador**, Mount Allison University, Sackville, NB
- Promoted Mount Allison to prospective students through personal campus tours, recruitment events, and calling campaigns.

2018 **Data Correction Clerk,** Government of Canada Pension Center, Shediac, NB
- Reviewed and processed sensitive government documents to record survivor beneficiaries, calculate pensionable service, and update pension plan member data.

SKILLS AND TRAINING

- Programming:
  - R (Advanced): Proficient in data manipulation (e.g., *dplyr*), visualization (e.g., *ggplot2*), statistical modeling (e.g., *lavaan*), and machine learning (e.g., *mclust*).
  - Python (Beginner): Basic knowledge of data manipulation, visualization, and analysis (e.g., *Pandas, Matplotlib, Scikit-learn*).
  - SQL (Beginner): Basic knowledge of querying and manipulation.
- Statistics: Regression, ANOVA, structural equation modelling, exploratory factor analysis, item-response theory, measurement invariance.
- Machine learning: Classification trees, clustering, support vector machines, text mining, topic modeling.
- Software: Word, Excel, PowerPoint, Sharepoint, SPSS STATA, MPlus, RapidMiner, NVivo, Qualtrics, Siebel, Penfax, HRMS, PSRS, GCDocs.
- Entrepreneurship training: Mitacs Invention to Innovation (i2i) Skills Training; Discover: Collide.
- Academic training: Systematic Reviews (University of New Brunswick), Structural Equation Modelling (CenterStat), Equity-informed Measurement (University of Pittsburgh)

REFERENCES

Dr. Julie Blais (PhD Supervisor), Dalhousie University, Department of Psychology and Neuroscience. E-mail: Julie.Blais@dal.ca; Phone: (902) 494-7025

Dr. Scott Pruysers (PhD Committee Member), Dalhousie University, Department of Political Science. E-mail: scott.pruysers@dal.ca; Phone: (902) 494-6626