

Phoenix Horrocks

(previously Phoenix McCloud)

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Education

Master of Arts: McGill University, Montreal, QC **2019-Present**

- Department of Educational and Counselling Psychology
- Learning Sciences Program (Supervisor: Nathan Hall)

Bachelor of Science: University of Prince Edward Island, Charlottetown, PEI **2013-2018**

- Major in Psychology, double minor in Physics, Mathematics
- Thesis: *Growth Orientation, Ownership, Self-Reflection & Metacognition: Overcoming Fear of Failure, Over-Competitiveness, Lack of Trust, and Valuing Quantity over Quality*
(Supervisor: Stacey McKinnon)

Academic Awards

McGill University Graduate Excellence Fellowship (\$10,000)	2019
UPEI Student Research Travel Award (\$500)	2018
UPEI Student Research Travel Award (\$500)	2016
ACEnet Summer Research Fellowship (\$5,000)	2015
Academic Excellence Full Tuition Scholarship (\$24,000/4 years)	2013
P.E.I. Mutual Education Trust Fund Centennial Scholarship (\$1,000)	2013

Teaching Experience

Private Tutor **Fall 2015, Spring 2018**

University of Prince Edward Island, Charlottetown, PE

- Subjects: Statistics for psychology, introductory physics
- Supported students in identifying central concepts and connections for tests
- Reviewed course material and test results with students using various methods to suit their learning strengths

Physic Help Centre Tutor **September – December 2016**

Physics Department, UPEI, Charlottetown, PE

- Reviewed course material and answered students' conceptual questions
- Supported students in identifying key information and setting up assignment problems

Learning Facilitator **January – April 2016**

Inquiry Studies, University of Prince Edward Island, Charlottetown, PE

- Facilitated small group discussions, reviewed online submissions and provided feedback
- Assisted students in problem-solving when overwhelmed or struggling with project

Employment Experience

Research Assistant, Achievement Motivation and Emotion Research Group **2019-Present**

McGill University; full-time,

- Working under the supervision of Dr. Nathan Hall, Department of Educational and Counselling Psychology, McGill University
- Conducted literature searches and statistical analysis
- Summarized and communicated key statistical findings

Early Childcare Assistant/Substitute Teacher

September 2018 – June 2019

Island Montessori Academy, Charlottetown, PE

- Worked one-on-one with an autistic child, organized activities to suit her interests, supported and observed interaction with other students
- Designed and prepared arts and crafts activities for the afterschool program
- Served as a substitute teacher during preschoolers' lessons and playtime

Astronomy Lab Assistant

September 2016 – August 2017

Physics Department, University of Prince Edward Island, Charlottetown, PE

- Operated telescope for class and public viewings
- Planned observation objects and organized relevant information to educate participants
- Connected observations viewings and information to astronomy students' class material

Student Research Assistant

Summer 2015, 2016

Physics Department, University of Prince Edward Island, Charlottetown, PE

- Wrote and conducted troubleshooting for computer simulations
- Used local and remote computer clusters to run simulations
- Analyzed and summarized simulation data for supervisor and conference presentations

Early Childcare Assistant

June – August 2014

University Children's Centre, Halifax, NS

- Worked with children 6 months to 5 years
- Organized and led arts and craft activities, reading circle, etc.
- Supervised children during inside playtime and on outings

Conference Presentations

Horrocks, P. T. M., Hall, N. C., & Lee, S. Y. (2020, August). *The SAS project: Uncovering the differences in motivation and well-being among STEM and non-STEM graduate students*. Poster submitted to the annual convention of the American Psychological Association, Washington, D.C.

Horrocks, P. T. M., Hall, N. C., & Jonas, E. A. (2020, June). *Well-being in graduate students: The effects of self-determined motivation*. Symposium to be presented at SELF International Conference, Quebec City, QC

Horrocks, P. T. M., Hall, N. C., & Chang, C. -F. (2020, May). *The SAS project: Motivation and epistemic emotions in graduate students*. Poster submitted to the annual convention of the Canadian Psychological Association, Montreal, QC

Horrocks, P., McKinnon, S. L. (2018, November). *Making or breaking the inquiry-based learning experience in higher education: Beliefs, fears & actions*. Invited presentation at the Reigniting Curiosity and Inquiry in Higher Education Conference, Charlottetown, PE.

McCloud (Horrocks), P., McKinnon, S. (2018, May). *Student experiences of the mindsets that shape learning: overcoming fear of failure, over-competitiveness, lack of trust, and valuing quantity over quality*. Presentation at the Science Atlantic 2018 Psychology Undergraduate Conference, Halifax, NS.

McCloud (Horrocks), P., Polson, J. (2017, February). *Behaviour of a polymer confined within a conical channel*. Presentation at the annual Atlantic Universities Physics and Astronomy Conference, Charlottetown, PE.

McCloud (Horrocks), P., Polson, J. (2016, August). *Behaviour of a polymer confined within a conical channel*. Presentation at the annual UPEI Science Undergraduate Research Conference, Charlottetown, PE.

McCloud (Horrocks), P., Polson, J. (2016, February). *Polymer translocation through a conical channel*. Presentation at the annual Atlantic Universities Physics and Astronomy Conference, Saint Johns.

McCloud (Horrocks), P., Polson, J. (2016, January). *Polymer translocation through a conical channel*. Presentation at the annual Canadian Conference of Undergraduate Women in Physics, Halifax.

McCloud (Horrocks), P. Polson, J. (2015, August). *Polymer translocation through a conical channel*. Poster presentation for the Summer Program for Undergraduate Research, Charlottetown.

McCloud (Horrocks), P., Polson, J. (2015, August). *Polymer translocation through a conical channel*. Presentation at the annual UPEI Science Undergraduate Research Conference, Charlottetown.

Leadership Experience

Conference Co-chair

Atlantic Universities Physics and Astronomy Conference

April 2016 – February 2017

- Oversaw all conference details, kept operations on timeline and resolved issues as they arose
- Made financial decisions such as deciding on budget allocations, and organized sponsorships
- Directed committee members and resolved internal conflicts
- Worked with committee members to design a new competitive social event for conference attendees that was well-received and continued by future conference organizers

Treasurer for Undergraduate Physics Society, UPEI

March 2015 – March 2016

- Managed all incoming and outgoing transactions and advised society executive on budget
- Organized department-wide clothing order.

Volunteer Experience

Organizing Committee Member

UPEI Relay for Life 2016

October 2015 – January 2016

- Directed volunteers in collecting luminary requests and building the luminary lanterns
- Organized the luminary display

Student Mentor

January – October 2015

Astronomy Club, Montague Intermediate School, Montague, PE

- Operated telescope for club viewings and trained members on telescope usage
- Created telescope observation plans and educated club members on astronomy concepts

Professional Development

Introduction to Data Science with R

September 2019

- Workshop offered by the Geographic Information Centre, McGill University
- Taught by Dr. Tim Elrick
- Topics covered include overview of what R offers, basic principles of R, and applied experience with data cleaning in R

Summer Program for Undergraduate Research, UPEI

May-August 2015

- Summer long program with weekly presentations from a diverse range of faculty at UPEI discussing resources for aspiring researchers, career paths, and current research being done at UPEI
- Concluded with a poster session for students in the program