

Mark Christopher Adkins

Curriculum Vitae

Education

- 2017–Present **PhD Candidate**, *York University*, Toronto, Area: Quantitative Methods in Psychology.
- 2017 **MA**, *York University*, Toronto, Area: Quantitative Methods in Psychology.
- 2015 **BA Hons**, *University of Regina*, Regina, High Honors: Psychology.
Minors: Computer Science, Philosophy

Master's thesis

- Title Best Practices for Constructing Confidence Intervals for the General Linear Model Under Non-Normality
- Supervisor Jolynn Pek

Teaching Experience

- Fall 2019 **Course director** for second year statistical methods course at York University (Glendon Campus).
- Fall 2019 **Course director** of a four-part short course, *Introduction to R and the Tidyverse*, for the Statistical Consulting Service at the Institute for Social Research, York University.
- Fall 2019 Teaching assistant for third year lab based statistics course (PSYC 3031)
- Summer 2019 **Course director** of a four-part short course, *Introduction to R and the Tidyverse*, for the Statistical Consulting Service at the Institute for Social Research, York University.
- Summer 2019 Teaching assistant for second year statistical methods course at York University (PSYC 2022).
- 2018–2020 Teaching assistant for the Statistical Consulting Services (SCS) whose duties included assisting undergraduate thesis students with their projects at York University and conducting a three-part workshop series on using statistical software, data analysis, and report writing.
- Fall 2018 **Course director** of a four-part short course, *Introduction to R and the Tidyverse*, for the Statistical Consulting Service at the Institute for Social Research, York University.
- 2017–2018 Teaching assistant for graduate univariate statistics class at York University during the fall and winter semesters (PSYC 6131).

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🔗 [@Standard-Deviator](https://www.github.com/Standard-Deviator)

- Winter 2018 Teaching assistant for graduate univariate statistics class at York University. (PSYC 6132).
- 2016-2017 Teaching assistant for second year statistical methods course during the fall and winter semesters at York University (PSYC 2020).
- Winter 2016 Teaching assistant for second year statistical methods courser at York University (PSYC 2022).

Research Articles

- 2019 Price, H. L., Bruer, K. C., & **Adkins, M. C.** (accepted) Using machine learning analyses to explore relations between eyewitness lineup looking behaviors and identification accuracy. *Law and Human Behaviour*.
- 2016 Pek, J., Armstrong, B., **Adkins, M. C.**, Flake, J. K., & Spaniol, J. Predictors of problem gambling among seniors in Ontario (Gambling Exchange Research Ontario Technical Report).

Convention Papers and Invited Presentations

- 2019 **Adkins, M. C.**, *Little Steps: A Primer on Open Science Practices*. Invited talk at the Quantitative Psychology Forum. York University.
- 2018 **Adkins, M. C.**, & Pek, J. *Best Practices for Constructing Confidence Intervals for the General Linear Model Under Non-Normality*. Poster presentation at the 2018 International Congress of Applied Psychology & the Canadian Psychological Association's Annual General Meeting. Montréal, Québec.
- 2018 **Adkins, M. C.**, *Data Thuggery 101: A few tools of the trade*. Invited talk at the Quantitative Psychology Forum. York University.
- 2018 Green, C. D., **Adkins, M. C.**, Austerberry, E., Davidson, I. J., DiGiovanni, J., Lysenko, N. & Villani, L. K. *Which statistical tests have which psychological subdisciplines been using for how long?* Paper presentation at the meeting of the European Society for the History of the Human Sciences. University of Groningen, The Netherlands.
- 2018 Green, C. D., **Adkins, M. C.**, Austerberry, E., Davidson, I. J., DiGiovanni, J., Lysenko, N. & Villani, L. K. *How Fisher's Dream Became Lakatos' Nightmare: An Historical Survey of the Psychologists' Use of (Mostly) Inferential Statistics*. Paper presentation at the 50th Annual Meeting of Cheiron. University of Akron, Akron, Ohio.
- 2017 **Adkins, M. C.**, *How Prolific are Statistical Anomalies in Psychological Research?* Invited talk at the Quantitative Psychology Forum. York University.
- 2016 **Adkins, M. C.**, *Predictors of Problem Gambling Among Seniors in Ontario*. Invited talk at the Quantitative Psychology Forum. York University.
- July 2015 **Adkins, M. C.** & Oriet, C. *Intuitive statistical reasoning: Improving students' understanding of normative ANOVA logic*. Poster presentation at the 2015 Canadian Society for Brain, Behavioural, and Cognitive Science annual meeting. Ottawa, Ontario.

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Honours and Awards

- 2019 PGSA student initiative award (\$150)
- 2019 York University Graduate Fellowship - Doctoral Domestic (\$5400)
- 2018 York University Graduate Fellowship - Doctoral Domestic (\$5400)
- 2017 York University Graduate Fellowship - Masters Domestic (\$5400)
- 2016 York University Graduate Fellowship - Masters Domestic (\$5400)
- 2015 York Entrance Graduate Scholarship (\$6000)
- 2015 University of Regina: Academic Silver Scholarship; retroactive (\$800)
- 2015 University of Regina: Academic Silver Scholarship (\$1600)
- 2014 University of Regina: Academic Silver Scholarship (\$1000)

Research Experience

- 2018 Created interactive *Shiny* application using *R* to explore database of APA journal articles for the PSYBORG lab.
- 2016 Assisted Dr. Jolynn Pek with data analysis and report writing for Gambling Research Exchange Ontario (GREO).
- Summers of 2014, 2015, & 2016 Assisted the Child and Law Lab at the University of Regina with data collection, transcribing, and programming reaction time experiments using E-Prime 2.0.

Professional Activities

- 2019-2020 Co-founder of the ReproducibiliTea Toronto journal club for open and reproducible science.
- 2019-2020 Student Coordinator for the Quantitative Methods Forum at York University.
- 2019-2020 Methods reviewer for the Psychological Science Accelerator.
- 2019 Attended the Oxford | Berlin Summer School on Open Science. University of Oxford, UK.
- 2019-2020 Member of the Psychological Science Accelerator (PSA).
- 2019-2020 Member of the Society for the Improvement of Psychological Science (SIPS).
- 2017-2019 Student Mentor in the Psychology Undergraduate Mentorship Program (PUMP) at York University.
- 2017-2019 Student Representative for the Quantitative methods section of the Canadian Psychological Association (CPA).
- 2016-2019 York University Psychology Graduate Students' Association (PGSA) Departmental Representative.
- 2017-2018 Student Coordinator for the Quantitative Methods Forum at York University.
- 2016-2017 York University Psychology Graduate Students' Association (PGSA) Graduate Students' Association Representative (GSA).
- 2013-2015 University of Regina's undergraduate Psychology Students' Association (PSA) Departmental Representative.

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