

# Raymond Luong

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## Education

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**PhD Experimental Psychology** 2019–Present (Expected 2024)  
Specialization: Quantitative Psychology & Modelling  
McGill University  
Advisor: [Dr. Jessica Kay Flake](#)

**HBSc Psychological & Health Sciences (Co-op)** 2015–2019  
University of Toronto Scarborough  
Conferred with High Distinction (cGPA: 3.87/4.00)

## Peer-Reviewed Publications

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**Luong, R.** (2022). Factor structure, measurement equivalence, and reliability of the Nature Relatedness Scale Short Form (NR-6) across males and females. *Journal of Environmental Psychology*. <https://doi.org/10.1016/j.jenvp.2022.101828>

**Luong, R., & Flake, J. K.** (2022). Measurement invariance testing using confirmatory factor analysis and alignment optimization: A tutorial for transparent analysis planning and reporting. *Psychological Methods*. <https://doi.org/10.1037/met0000441>

Flake, J. K., **Luong, R.**, & Shaw, M. (2022). Addressing a crisis of generalizability with large-scale construct validation. *Behavioral and Brain Sciences*. <https://doi.org/10.1017/S0140525X21000376>

**Luong, R., & Butler, K.** (2022). Informal psychology instruction and the fundamental attribution error: Testing the effectiveness of accessible online passages. *Current Psychology*. <https://doi.org/10.1007/s12144-021-02432-w>

**Luong, R., & Lomanowska, A. M.** (2021). Evaluating Reddit as a crowdsourcing platform for psychology research projects. *Teaching of Psychology*. <https://doi.org/10.1177/00986283211020739>

Shaw, M., Cloos, L. J. R., **Luong, R.**, Elbaz, S., & Flake, J. K. (2020). Measurement practices in large-scale replications: Insights from Many Labs 2. *Canadian Psychology/Psychologie canadienne*, 61(4), 289–298. <https://doi.org/10.1037/cap0000220>

## Manuscripts In Preparation

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**Luong, R., McAuliffe, W. B., Flake, J. K., Santos, A. C., Findor, A., Kuzminska, A. O., Lantian, A., Özdoğru, A. A., Aczel, B., Chartier, C. R., Hidding, J., de Grefte, J. A. M., Protzko, J., Shaw, M., Leliveld, M. C., Hruška, M., Primbs, M. A., Coles, N. A., Forscher, P. S., . . . Li, Y.** (revise and resubmit). Structural validity evidence for the Oxford Utilitarianism Scale across 14 languages.

## Invited Presentations

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**Luong, R.** (2021, October 1). *Evaluating Reddit as a crowdsourcing platform for psychology research projects* [Virtual presentation]. Innovations in Online Research.

**Luong, R.** (2021, September 8). *Digital scholar webinar: Recruiting research participants online using Reddit* [Webinar]. Southern California Clinical and Translational Science Institute Digital Scholar Webinar Series. <https://sc-ctsi.org/training-education/courses/digital-scholar-webinar-recruiting-research-participants-online-using-reddit>

## Conference Presentations and Posters

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Johnson, C., **Luong, R.**, Flake, J. K., & Robinson, K. (2022, August 4–6). *What is motivational climate in education? Toward a comprehensive model* [Poster presentation]. APA 2022 Convention, Minneapolis, MN, United States.

**Luong, R.** (2022, June 17–19). *Factor structure, measurement equivalence, and reliability of the Nature Relatedness Scale Short Form (NR-6) across males and females* [Conference presentation]. Canadian Psychological Association 83rd Annual Convention, Calgary, AB, Canada.

**Luong, R.**, Johnson, C., Robinson, K. A., & Flake, J. K. (2022, June 17–19). *Measuring motivational teaching: Validity evidence for a comprehensive measure of motivational climate in the classroom* [Conference presentation]. Canadian Psychological Association 83rd Annual Convention, Calgary, AB, Canada.

**Luong, R.**, & Flake, J. K. (2022, June 17–19). *Structural validity evidence for the Oxford Utilitarianism Scale across 14 languages: A large-scale psychometric study with the Psychological Science Accelerator* [Conference presentation]. Canadian Psychological Association 83rd Annual Convention, Calgary, AB, Canada.

**Luong, R.**, & Flake, J. K. (2020, July 6–August 28). *Testing measurement invariance: The traditional nested model approach versus the alignment method* [Virtual presentation]. Canadian Psychological Association Conference, Montreal, QC, Canada.

Flake, J. K., Cloos, L., Davidson, I., Elbas, S., **Luong, R.**, Pek, J., Shaw, M., & Wong, O. (2020, May). *Construct validity and replications: Lessons learned from large-scale replication studies* [Presentation cancelled due to COVID-19]. Canadian Psychological Association Conference, Montreal, QC, Canada.

**Luong, R.**, & Gifford, R. (2020, February 27–29). *The value activation hypothesis: Replicability and measurement properties* [Poster presentation]. Annual Sustainability Preconference of the Society for Personality and Social Psychology Convention, New Orleans, LO, United States.

**Luong, R.**, Butler, K., & Cribbie, R. (2019, July 15–19). *Replicability in psychology: The problem of familywise type II error*. [Conference presentation]. 84th Annual Meeting of the Psychometric Society, Santiago, Chile.

**Luong, R.**, & Lomanowska, A. (2019, March 7–9). *Reddit: A diverse and reliable participant pool for psychological research* [Poster presentation]. 3rd Biennial International Convention for Psychological

Science, Paris, France.

**Luong, R.**, Butler, K., & Plaks, J. (2019, February 7–9). *Educational passages do not reduce the fundamental attribution error* [Poster presentation]. Annual Convention of the Society for Personality and Social Psychology, Portland, OR, United States.

**Luong, R.**, Gifford, R., Sugrue, P., & Lacroix, K. (2018, June 26–30). *Can priming environmental values encourage pro-environmental food choices? Testing the value activation hypothesis for food choice motives and behaviours*. In Gifford, R. (Chair), *Advances in Environmental Psychology* [Conference symposium]. 29th International Congress of Applied Psychology, Montreal, Canada.

## Grants and Awards

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FRQSC Doctoral Fellowship (\$21,000 x 4 years; partial concurrent funding with SSHRC)	2021
SSHRC Doctoral Fellowship (\$20,000 x 3 years)	2021
McGill Graduate Mobility Award (\$2,000)	2021
<i>Canadian Psychology</i> Best Paper of 2020 (Lead Author: Mairead Shaw)	2020
Mitacs Research Training Award: \$6,000	2020
CPA 2020: Best Student Presentation Award (Quantitative Section)	2020
Psi Chi Unrestricted Travel Grant: \$455 (USD)	2020
Joseph-Armand Bombardier CGS-M Fellowship: \$17,500 + \$5,833.00 (extension)	2019–2020
McGill Graduate Excellence Fellowship: \$5,000	2019
University of Toronto Scarborough Academic Travel Fund: \$6,456 (total, 3 grants)	2018–2019
University of Toronto Scarborough Psychology Student Travel Award: \$800	2018
Psi Chi Undergraduate Research Grant: \$1,488 + \$1,500 (USD) (top 11 submission)	2018
University of Toronto Scarborough Renewable Entrance Scholarship: \$12,000 (\$3,000/year)	2015–2019
University of Toronto Scarborough Dean's List	2015–2019
University of Toronto Scholar Award: \$6,000	2015

## Teaching

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### Course Lecturer (McGill University)

- EDPE 684: Applied Multivariate Statistics Fall 2022

### Graduate Teaching Assistant (McGill University)

- PSYC 305: Statistics for Experimental Design Winter 2020 – Fall 2021
- PSYC 204: Introduction to Psychological Statistics Fall 2019

### Undergraduate Teaching Assistant (University of Toronto Scarborough)

- STAB27H3: Statistics II Winter 2019
- STAB23H3: Introduction to Statistics for the Social Sciences Fall 2018

## Tutoring

- Statistics Tutor (University of Victoria) September 2017 – December 2017
- Freelance Math Tutor (GOODSTUDY Tutoring) November 2016 – June 2017
- Literacy Tutor (Frontier College at UTSC) February 2016 – April 2016
- Volunteer Peer Tutor (Agincourt Collegiate Institute) September 2013 – June 2015

## Service

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### Ad-Hoc Reviewer

- *Advances in Methods and Practices in Psychological Science*
- *Collabra: Psychology*
- *Mental Health, Religion, & Culture*
- Psychological Science Accelerator (study proposals)
- Cultural Evolution Society Transformation Fund

### Volunteer Graduate Student Panelist

- Agincourt Collegiate Institute: High School Psychology Outreach (Invited) Jan 6-8/Oct 13, 2021
- MPSAxSciLearn: Final Exam Bootcamp March 25, 2021
- MPSA: GRE Information Panel November 16, 2020
- Quantitative Methods Information Session October 26, 2020
- University of Manitoba: Graduate School Information Meeting (Invited) October 2020
- MPSA: Psychology Graduate School Information Session November 4, 2019