

# Sandeep Mishra

Associate Professor (*Organizational Behavior*)  
Hill/Levene Schools of Business | University of Regina  
sandeep.mishra@uregina.ca | sandeepmishra.ca

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## ACADEMIC POSITIONS

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### University of Regina

Associate Professor (*Organizational Behavior*), Hill/Levene Schools of Business (2017–present)  
Associate Member (*Experimental and Applied Psychology*), Department of Psychology (2012–present)  
Viterra Scholar in Business Administration, Hill/Levene Schools of Business (2014–2017)  
Assistant Professor (*Organizational Behavior*), Hill/Levene Schools of Business (2012–2017)

### University of Guelph

Postdoctoral Fellow (*Industrial/Organizational Psychology*), Department of Psychology (2011–2012)

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## EDUCATION

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Ph.D. (*Psychology*), University of Lethbridge (2011)  
M.Sc. (*Psychology*), University of Lethbridge (2007)  
B.Sc., Hon. (*Psychology; Biology Minor*), McMaster University (2005)

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## RESEARCH EXPERTISE

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*General:* Judgment and decision-making; personality and individual differences; mental health  
*Specific:* Risk; inequality; competition; social comparison; depression/anxiety; gambling; antisociality

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## KEY JOURNAL ARTICLES<sup>1,2</sup>

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Mishra, S., Barclay, P., & Sparks, A. (2017). The relative state model: Integrating need-based and ability-based pathways to risk-taking. *Personality and Social Psychology Review*, 21, 176-198. [IF 9.3 | ABDC A\*]

Mishra, S., & Carleton, R. N. (2015). Subjective relative deprivation is associated with poorer physical and mental health. *Social Science & Medicine*, 147, 144–149. [IF 3.0 | ABS 4]

Mishra, S. (2014). Decision-making under risk: Integrating perspectives from biology, economics, and psychology. *Personality and Social Psychology Review*, 18, 280–307. [IF 9.3 | ABDC A\*]

Mishra, S., & Fiddick, L. (2012). Beyond gains and losses: The effect of need on risky choice in framed decisions. *Journal of Personality and Social Psychology*, 102, 1136–1147. [IF 5.7 | ABDC A\* | ABS 4]

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<sup>1</sup> Various publication metrics are provided: *IF* | 2017 one-year journal impact factor; *ABDC* | 2016 Australian Business Dean's Council ranking [range: A\*/A–B–C]; *ABS* | 2018 UK Association for Business Schools ranking [range: 4\*/4–3–2–1].

<sup>2</sup> Undergraduate student, graduate student, and postdoctoral collaborators (at time of submission) are underlined.

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 ALL JOURNAL ARTICLES
 

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Google Scholar citations = 1251; *h-index* = 18 (*n* publications cited *n* times)

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34. Mishra, S., Beshai, S., Wuth, A., & Refaie, N. (in press). Risk and protective factors in problem gambling: An examination of psychological resilience. *International Gambling Studies*. [IF 1.6 | ABDC B]
33. Barclay, P., Mishra, S., & Sparks, A. (2018). State-dependent risk-taking. *Proceedings of the Royal Society B: Biological Sciences*, 285: 20180180. [IF 4.9]
32. Mishra, S., & Meadows, T. J. S. (2018). Does stress mediate the association between personal relative deprivation and gambling? *Stress and Health*, 34, 331–337. [IF 1.7 | ABDC A | ABS 2]
31. Beshai, S., Mishra, S., **Mishra, S.**, & Carleton, R. N. (2017). Personal relative deprivation associated with functional disorders via stress: An examination of fibromyalgia and gastrointestinal symptoms. *PLOS One*, 12(12):e0189666. [IF 2.8]
30. Beshai, S., **Mishra, S.**, Meadows, T. J. S., Parmar, P., & Huang, V. (2017). Minding the gap: Subjective relative deprivation and depressive symptoms. *Social Science & Medicine*, 173, 18–25. [IF 3.0 | ABS 4]
29. Gonzales, J., **Mishra, S.**, & Camp, R. D. (2017). For the win: Risk-sensitive decision-making in teams. *Journal of Behavioral Decision Making*, 30, 462–472. [IF 1.8 | ABDC A | ABS 3]
28. **Mishra, S.**, Barclay, P., & Sparks, A. (2017). The relative state model: Integrating need-based and ability-based pathways to risk-taking. *Personality and Social Psychology Review*, 21, 176–198. [IF 9.3 | ABDC A\*]
27. **Mishra, S.**, & Carleton, R. N. (2017). Use of online crowdsourcing platforms for gambling research. *International Gambling Studies*, 17, 125–143. [IF 1.6 | ABDC B]
26. **Mishra, S.**, & Lalumière, M. L. (2017). Associations between delay discounting and risk-related behaviors, traits, attitudes, and outcomes. *Journal of Behavioral Decision Making*, 30, 769–781. [IF 1.8 | ABDC A | ABS 3]
25. **Mishra, S.**, Lalumière, M. L., & Williams, R. J. (2017). Gambling, risk-taking, and antisocial behavior: A replication study supporting the generality of deviance. *Journal of Gambling Studies*, 33, 15–36. [IF 2.1 | ABDC A]
24. Novakowski, D., & Mishra S. (2017). Relative state, social comparison reactions, and the behavioral constellation of deprivation. *Behavioral and Brain Sciences*, 40, e335. [IF 15.1]
23. Carleton, R. N., Duranceau, S., Shulman, E. P., Zerff, M., Gonzales, J., & **Mishra, S.** (2016). Self-reported intolerance of uncertainty and behavioural decisions. *Journal of Behavior Therapy and Experimental Psychiatry*, 51, 58–65. [IF 2.4]

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**JOURNAL ARTICLES (continued)**


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22. **Mishra, S., & Novakowski, D.** (2016). Personal relative deprivation and risk: An examination of individual differences in personality, attitudes, and behavioral outcomes. *Personality and Individual Differences, 90*, 22–26. [IF 2.0 | ABDC A | ABS 3]
21. **Mishra, S., & Carleton, R. N.** (2015). Subjective relative deprivation is associated with poorer physical and mental health. *Social Science & Medicine, 147*, 144–149. [IF 3.0 | ABS 4]
20. **Mishra, S., Son Hing, L. S., & Lalumière, M. L.** (2015). Inequality and risk-taking. *Evolutionary Psychology, 13*. doi:10.1177/1474704915596295.\* [IF 2.0]  
\* Featured in Ruggeri et al. (2016). *Insights for impact: The annual report of the Policy Research Group in the Department of Psychology*. University of Cambridge.
19. **Ferrey, A. E., & Mishra, S.** (2014). Compensation method affects risk-taking in the Balloon Analogue Risk Task. *Personality and Individual Differences, 64*, 111–114. [IF 2.0 | ABDC A | ABS 3]
18. **Mishra, S.** (2014). Decision-making under risk: Integrating perspectives from biology, economics, and psychology. *Personality and Social Psychology Review, 18*, 280–307. [IF 9.3 | ABDC A\*]
17. **Mishra, S., Barclay, P., & Lalumière, M. L.** (2014). Competitive disadvantage facilitates risk-taking. *Evolution and Human Behavior, 35*, 126–132. [IF 3.6]
16. **Mishra, S., & Gonzales, J.** (2014). Sources of behavioral variability and the etiology of psychopathology. *Psychological Inquiry, 25*, 355–359. [IF 26.4]
15. **Sparks, A., Mishra, S., & Barclay, P.** (2013). Fundamental freedoms and the psychology of threat, bargaining, and inequality. *Behavioral and Brain Sciences, 36*, 500–501. [IF 15.1]
14. **Mishra, S., & Fiddick, L.** (2012). Beyond gains and losses: The effect of need on risky choice in framed decisions. *Journal of Personality and Social Psychology, 102*, 1136–1147. [IF 5.7 | ABDC A\* | ABS 4]
13. **Mishra, S., Gregson, M., & Lalumière, M. L.** (2012). Framing effects and risk-sensitive decision-making. *British Journal of Psychology, 103*, 83–97. [IF 2.5 | ABDC A | ABS 3]
12. **Mishra, S., & Sritharan, R.** (2012). Personality and behavioral outcomes associated with risk-taking are accurately inferred from faces. *Journal of Research in Personality, 46*, 760–764. [IF 2.9 | ABDC A]
11. **Pisanski, K., Mishra, S., & Rendall, D.** (2012). The evolved psychology of voice: Evaluating inter-relationships in listeners' assessments of size, masculinity, and attractiveness of unseen speakers. *Evolution and Human Behavior, 33*, 509–519. [IF 3.6]
10. **Mishra, S., & Lalumière, M. L.** (2011). Individual differences in risk-propensity: Associations between personality and behavioral measures of risk. *Personality and Individual Differences, 50*, 869–873. [IF 2.0 | ABDC A | ABS 3]

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**JOURNAL ARTICLES (continued)**


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9. **Mishra, S.**, Lalumière, M. L., Morgan, M., & Williams, R. J. (2011). An examination of the relationship between gambling and antisocial behavior. *Journal of Gambling Studies*, 27, 409–426. [IF 2.1 | ABDC A]
8. **Mishra, S.**, Logue, D. M., Abiola, I. O., & Cade, W. H. (2011). Developmental environment affects risk-acceptance in the hissing cockroach, *Gromphadorhina portentosa*. *Journal of Comparative Psychology*, 125, 40–47. [IF 1.8]
7. **Mishra, S.**, & Lalumière, M. L. (2010). You can't always get what you want: The motivational effect of need on risk-sensitive decision-making. *Journal of Experimental Social Psychology*, 46, 605–611. [IF 2.9 | ABDC A | ABS 4]
6. **Mishra, S.**, Lalumière, M. L., & Williams, R. J. (2010). Gambling as a form of risk-taking: Individual differences in personality, risk-accepting attitudes, and behavioral preferences for risk. *Personality and Individual Differences*, 49, 616–621. [IF 2.0 | ABDC A | ABS 3]
5. **Mishra, S.**, Morgan, M., Lalumière, M. L., & Williams, R. J. (2010). Mood and audience effects on video lottery terminal gambling. *Journal of Gambling Studies*, 26, 373–386. [IF 2.1 | ABDC A]
4. Logue, D. M., **Mishra, S.**, McCaffrey, D., Ball, D., & Cade, W. H. (2009). A behavioral syndrome linking courtship behavior toward males and females predicts reproductive success from a single mating in the hissing cockroach, *Gromphadorhina portentosa*. *Behavioral Ecology*, 20, 781–788. [IF 3.3]
3. **Mishra, S.**, & Lalumière, M. L. (2009). Is the crime drop of the 1990s in Canada and the USA associated with a general decline in risky and health-related behaviors? *Social Science & Medicine*, 68, 39–48. [IF 3.0 | ABS 4]
2. Taves, M. D., Desjardins, J. K., **Mishra, S.**, & Balshine, S. (2009). Androgens and dominance: Sex-specific patterns in a highly social fish (*Neolamprologus pulcher*). *General and Comparative Endocrinology*, 161, 202–207. [IF 2.6]
1. **Mishra, S.**, Clark, A. P., & Daly, M. (2007). One woman's behavior affects the attractiveness of others. *Evolution and Human Behavior*, 28, 145–149.\* [IF 3.6]

\* Reprinted in Lesko, W. A. (2009). *Readings in social psychology: General, classic, and contemporary selections* (7<sup>th</sup> ed.). London: Allyn & Bacon.

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**JOURNAL ARTICLES UNDER REVIEW**


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6. **Mishra, S.\***, Beshai, S.\*, Feeney, J., & Novakowski, D. (under review). Socioemotional comparisons. *Personality and Social Psychology Bulletin*. [IF 2.5 | ABDC A\* | ABS 4]  
\* Both authors contributed equally.
5. Novakowski, D., & **Mishra, S.** (under review). Personal relative deprivation, personality, and stress: An exploratory study. *Journal of Individual Differences*. [IF 1.3]

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**JOURNAL ARTICLES UNDER REVIEW (continued)**


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4. Refaie, N., & Mishra, S. (under review). Embodied capital and risk-related traits, attitudes, behaviors, and outcomes: An exploratory examination of attractiveness, cognitive ability, and physical dexterity. *Social Psychological and Personality Science*. [IF 2.6 | ABDC B]
3. Rotella, A., & Mishra, S. (under review). Personal relative deprivation and participation in group decision-making. *Journal of Applied Social Psychology*. [IF 1.4 | ABDC B]
2. Son Hing, L. S., Stamarski, C. S., Yip, C. A., van der Werf, D., Mishra, S., Iacocca, R., Garcia, D., Sparks, A., & Neville, L. (under review). When inequality is deemed too great: Adverse consequences for all. *Journal of Personality and Social Psychology*. [IF 5.7 | ABDC A\* | ABS 4]
1. Wuth, A., Mishra, S., Beshai, S., & Feeney, J. (under review). Developmental antecedents of maladaptive schemas, positive schemas, and cognitive distortions. *Child Abuse and Neglect*. [IF 2.9]

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**REPORTS, BOOK CHAPTERS, ENCYCLOPEDIA ENTRIES**


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12. Wuth, M., & Mishra, S. (in press). Extrinsic mortality. In T. K. Shackelford & V. Weekes-Shackelford (Eds.), *Encyclopedia of evolutionary psychological science*. New York, NY: Springer.
  11. Wuth, M., & Mishra, S. (in press). Environmental unpredictability and bet hedging. In T. K. Shackelford & V. Weekes-Shackelford (Eds.), *Encyclopedia of evolutionary psychological science*. New York, NY: Springer.
  10. Refaie, N., & Mishra, S. (in press). Economic hardship. In T. K. Shackelford & V. Weekes-Shackelford (Eds.), *Encyclopedia of evolutionary psychological science*. New York, NY: Springer.
  9. Gonzales, J., & Mishra, S. (in press). Heuristics. In T. K. Shackelford & V. Weekes-Shackelford (Eds.), *Encyclopedia of evolutionary psychological science*. New York, NY: Springer.
  8. Mishra, S., Novakowski, D., & Gonzales, J. (in press). Judgment and decision-making. In T. K. Shackelford & V. Weekes-Shackelford (Eds.), *Encyclopedia of evolutionary psychological science*. New York, NY: Springer.
  7. Novakowski, D., & Mishra, S. (in press). Biases. In T. K. Shackelford & V. Weekes-Shackelford (Eds.), *Encyclopedia of evolutionary psychological science*. New York, NY: Springer.
  6. Bapuji, H.\*, & Mishra, S.\* (2015). Inequality and organizations. In Mir, R., Willmott, H., & Greenwood, M. (Eds.), *The Routledge companion to philosophy in organization studies* (pp. 439–448). New York, NY: Routledge.
- \* Both authors contributed equally.
5. Mishra, S. (2014). Crime drop of the 1990s. In J. S. Albanese (Ed.), *Encyclopedia of criminology and criminal justice* (Vol. 1, pp. 466–470). New York, NY: Wiley-Blackwell.

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**REPORTS, BOOK CHAPTERS, ENCYCLOPEDIA ENTRIES (continued)**


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4. **Mishra, S.**, Lalumière, M. L., Williams, R. J., & Daly, M. (2012). Determinants of risky decision-making and gambling: The effects of need and relative deprivation. *Ontario Problem Gambling Research Centre Report 2707*.
3. Lalumière, M. L., **Mishra, S.**, & Harris, G. T. (2008). In cold blood: The evolution of psychopathy. In J. Duntley & T. K. Shackelford (Eds.), *Evolutionary forensic psychology: Darwinian foundations of crime and law* (pp. 139–159). New York, NY: Oxford University Press.
2. **Mishra, S.**, Lalumière, M. L., Williams, R. J., & Morgan, M. (2008). Gambling and risk-taking: Individual differences in risk-acceptance and the impact of situational factors. *Alberta Gambling Research Institute Report*.
1. **Mishra, S.**, & Lalumière, M. L. (2008). Risk taking, antisocial behavior, and life histories. In J. Duntley & T. K. Shackelford (Eds.), *Evolutionary forensic psychology: Darwinian foundations of crime and law* (pp. 176–197). New York, NY: Oxford University Press.

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**OTHER PUBLICATIONS**


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5. **Mishra, S.** (2017). Tinbergen’s four questions and variance explained: Why business (and all behavioral science) needs evolutionary theory. *This View of Business: How Evolutionary Thinking Can Transform the Workplace*.
4. Gonzales, J., & **Mishra, S.** (2016). Going for it: When risk is worth it, and when it’s not. *The Evolution Institute: This View of Life*.
3. **Mishra, S.** (2010). The benefits of a small university for graduate studies in psychology. *Psynopsis: Canada’s Psychology Magazine*, 32(4), 36.
2. **Mishra, S.**, & Lalumière, M. L. (2009). The big drop in sex crimes. *Association for the Treatment of Sexual Abusers: The Forum*, 21(2).
1. **Mishra, S.**, & Lalumière, M. L. (2008). A review of the book *Biological Influences on Criminal Behavior* (by G. S. Anderson). *Canadian Psychology*, 49, 268–270.

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**RESEARCH GRANTS**


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**Total funding received** = \$742,336 (*external* = \$705,116; *internal* = \$37,220)

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17. *NSERC (Natural Sciences and Engineering Research Council of Canada) Discovery Development Grant* (\$30,000). **S. Mishra** (principal investigator) (2018–2020).
16. *Dean’s Research Grant*, Hill/Levene Schools of Business, University of Regina (\$5,000). **S. Mishra** (principal investigator) (2018–2019).

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**RESEARCH GRANTS (continued)**


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15. *NSERC (Natural Sciences and Engineering Research Council of Canada) Discovery Development Supplement*, University of Regina (\$1,000). **S. Mishra** (principal investigator) (2018–2019).
14. *Research Cohort Development Grant*, University of Regina (\$3,000). **S. Mishra** (principal investigator) (2018–2019).
13. *Dean's Research Grant*, Hill/Levene Schools of Business, University of Regina (\$5,000). **S. Mishra** (principal investigator) (2017–2018).
12. *Dean's Research Grant*, Hill/Levene Schools of Business, University of Regina (\$5,000). **S. Mishra** (principal investigator) (2016–2017).
11. *SSHRC (Social Sciences and Humanities Research Council of Canada) Insight Development Grant* (\$33,111). **S. Mishra** (principal investigator); L. Neville (co-investigator); M. V. Day (collaborator) (2015–2017).
10. *SSHRC (Social Sciences and Humanities Research Council of Canada) Insight Grant* (\$143,524). P. Barclay (principal investigator); J. L. Barker, **S. Mishra**, & L. S. Son Hing (collaborators). (2015–2020).
9. *Dean's Research Grant*, Hill/Levene Schools of Business, University of Regina (\$5,000). **S. Mishra** (principal investigator) (2015–2016).
8. *CFI (Canadian Foundation for Innovation) John R. Evans Leaders Fund (Infrastructure Grant)* (\$417,781). **S. Mishra** (project leader); A. H. Pitariu & H. Zourrig (key participants) (2014–2015).
7. *Dean's Research Grant*, Hill/Levene Schools of Business, University of Regina (\$5,000). **S. Mishra** (principal investigator) (2014–2015).
6. *SSHRC (Social Sciences and Humanities Research Council of Canada) General Research Grant/President's Fund*, University of Regina (Seed Grant) (\$5,000). **S. Mishra** (principal investigator) (2014–2015).
5. *Research Trust Fund Grant*, University of Regina (\$3,220). **S. Mishra** (co-principal investigator); B. Klest (co-principal investigator) (2014–2015).
4. *SSHRC (Social Sciences and Humanities Research Council of Canada) Insight Development Grant* (\$23,700). **S. Mishra** (principal investigator); P. Barclay (co-investigator) (2011–2013).
3. *OPGRC (Ontario Problem Gambling Research Centre) Level II Grant* (\$42,000). **S. Mishra** (principal investigator); M. Daly, M. L. Lalumière, & R. J. Williams (co-investigators) (2009–2011).
2. *AGRI (Alberta Gambling Research Institute) Grant* (\$5,000). **S. Mishra** (principal investigator) (2008–2010).

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**RESEARCH GRANTS (continued)**


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1. *AGRI (Alberta Gambling Research Institute)* Grant (\$10,000). **S. Mishra** (principal investigator); M. L. Lalumière & R. J. Williams (co-investigators) (2006–2007).

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**AWARDS, HONORS, FELLOWSHIPS**


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Merit Award, University of Regina × 4 (2014–2018)  
 Research Stewardship Award, Hill/Levene Schools of Business, University of Regina (2017)  
 Viterra Scholar in Business Administration, University of Regina, \$15,000 (2014–2017)  
 NSERC Postdoctoral Fellowship, \$80,000 (2012–2014) [*partially declined*]  
 Governor General's Academic Gold Medal (2011)  
 Certificate of Academic Excellence, Canadian Psychological Association (2011)  
 Postdoctoral Scholar Award, Human Behavior and Evolution Society (2011)  
 Best Poster Award, Summer Institute in Bounded Rationality, Max Planck Institute (2011)  
 Fellow, Summer Institute in Bounded Rationality, Max Planck Institute (2011)  
 Ontario Problem Gambling Research Centre Postdoctoral Fellowship, \$84,000 (2010–2012)  
 Great Distinction, Doctoral Defense (2010)  
 Best Poster Award, Human Behavior and Evolution Society (2010)  
 Ralph Steinhauer Award of Distinction, \$20,000 (2010)  
 Alberta Gambling Research Institute Scholarship, \$20,000 (2010)  
 Profiling Alberta's Graduate Students Award, \$3,000 (2010)  
 Lethbridge Public Interest Research Group Research Grant, \$500 (2010)  
 CAETL Graduate Certificate of Teaching, University of Lethbridge (2010)  
 SSHRC Canada Graduate Scholarship—Doctoral, \$105,000 (2007–2010)  
 Alberta Graduate Scholarship, \$2,000 (2007)  
 Research Dissemination Award, University of Lethbridge, \$500 × 3 (2006, 2007, 2008)  
 SSHRC Canada Graduate Scholarship—Masters, \$17,500 (2006–2007)

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**INVITED PRESENTATIONS**


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Responsible Gambling Council: Discovery 2018 Conference (2018)  
 Alberta Gambling Research Institute Conference (2018)  
 UCLA Center for Behavior, Evolution, and Culture (2018)  
 Bernoulli Symposium on Risk, University of Basel (2017)  
 Department of Psychology, Harvard University (2017)  
 Haskayne School of Business, University of Calgary (2016)  
 Department of Management Sciences, University of Waterloo (2016)  
 Community Research Unit, Faculty of Arts, University of Regina (2016)  
 SEARCH Regina Community Health Clinic (2016)  
 Department of Biology, University of Regina (2015)  
 Mental Health Awareness Week, University of Regina (2014)  
 Asper School of Business, University of Manitoba (2013)  
 Department of Psychology, University of Guelph (2012)  
 Hill/Levene Schools of Business, University of Regina (2012)  
 Applied Social Psychology Area, University of Guelph (2011)  
 Evolution, Ecology, and Behavior Seminar Series, McMaster University (2011)



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 INVITED PRESENTATIONS (continued)
 

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Neuroscience and Applied Cognitive Science Area, University of Guelph (2011)  
 Lethbridge Homeless Shelter (2010)  
 Lethbridge Womanspace Resource Centre (2010)  
 Dan Otte Symposium, University of Lethbridge (2009)

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 CONFERENCE PRESENTATIONS
 

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60. Refaie, N. & Mishra, S. (2018, November). *Embodied capital and risk-*. Poster presentation at the 39<sup>th</sup> Society for Judgment and Decision Making conference, New Orleans, Louisiana.
59. Wuth, A., Beshai, S., & Mishra, S. (2018, November). *Early childhood experiences, socioemotional comparisons, and cognitive distortions*. Poster presentation at the 39<sup>th</sup> Society for Judgment and Decision Making conference, New Orleans, Louisiana.
58. Mishra, S., Beshai, S., Day, M., & Neville, L. (2018, July). *Life history antecedents of relative deprivation*. Poster presentation at the 30<sup>th</sup> Human Behavior and Evolution Society conference, University of Amsterdam.
57. Barclay, P., Mishra, S., & Sparks, A. (2018, July). *Relative state creates individual differences in risk-taking*. Oral presentation at the 30<sup>th</sup> Human Behavior and Evolution Society conference, University of Amsterdam.
56. Rotella, A., & Mishra, S. (2018, May). *Feelings of relative deprivation and involvement in high-pressure decisions*. Poster presentation at the 14<sup>th</sup> Southern Ontario Behavioral Decision Research conference, Ted Rogers School of Management, Ryerson University, Toronto, Ontario.
55. Mishra, S., Barclay, P., & Sparks, A. (2018, May). *Distinguishing pathways to risk-taking: The psychology of relative state*. Invited symposium presentation at the 11<sup>th</sup> Society for the Science of Motivation conference, San Francisco, California.
54. Wuth, A., Refaie, N., Mishra, S., & Beshai, S. (2018, April). *Protective factors buffer the effects of frequent gambling on problem gambling*. Poster presentation at the 17<sup>th</sup> Alberta Gambling Research Institute conference, Banff, Alberta.
53. Novakowski, D., Mishra, S., Carleton, R. N. (2018, April). *Examining the effects of intolerance of uncertainty on risk-propensity and gambling*. Poster presentation at the 17<sup>th</sup> Alberta Gambling Research Institute conference, Banff, Alberta.
52. Rotella, A., Sparks, A., Mishra, S., & Barclay, P. (2018, March). Individual differences in the “watching eyes” effect and real cues of observation. Poster presentation at the 19<sup>th</sup> Society for Personality and Social Psychology conference, Atlanta, Georgia.
51. Beshai, S., & Mishra, S. (2017, June). *Subjective relative deprivation and depressive symptoms*. Oral presentation at the 78<sup>th</sup> Canadian Psychological Association conference, Toronto, Ontario.

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**CONFERENCE PRESENTATIONS (continued)**

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50. Mishra, S., Templeton, A., & Meadows, T. J. S. (2017, June). *Life history orientation and gambling*. Poster presentation at the 29<sup>th</sup> Human Behavior and Evolution Society conference, Idaho State University, Boise, Idaho.
49. Rotella, A., Sparks, A., Mishra, S., & Barclay, P. (2017, June). Individual differences in the “watching eyes” effect and real cues of observation. Poster presentation at the 29<sup>th</sup> Human Behavior and Evolution Society conference, Idaho State University, Boise, Idaho.
48. Rotella, A., Sparks, A., Mishra, S., & Barclay, P. (2017, June). Individual differences in the “watching eyes” effect and real cues of observation. Poster presentation at the 11<sup>th</sup> Guelph Neuroscience Day, University of Guelph, Guelph, Ontario.
47. Mishra, S., Templeton, A., & Meadows, T. J. S. (2017, April). *Life history orientation and gambling*. Poster presentation at the 16<sup>th</sup> Alberta Gambling Research Institute conference, Banff, Alberta.
46. Gonzales, J., & Mishra, S. (2016, July). *Engagement in hobbies as a window into sexual selection*. Poster presentation at the 28<sup>th</sup> Human Behavior and Evolution Society conference, Vancouver, British Columbia.
45. Mishra, S., Barclay, P., & Sparks, A. (2016, July). *The relative state model: Need-based and ability-based pathways to risk-taking*. Oral presentation at the 28<sup>th</sup> Human Behavior and Evolution Society conference, Vancouver, British Columbia.
44. Novakowski, D., & Mishra, S. (2016, July). *Risk and relative deprivation*. Oral presentation at the 28<sup>th</sup> Human Behavior and Evolution Society conference, Vancouver, British Columbia.
43. Parmar, P., & Mishra, S. (2016, July). *Life history orientation and individual differences in psychopathological traits: An examination of autism, anxiety, and depression*. Oral presentation at the 28<sup>th</sup> Human Behavior and Evolution Society conference, Vancouver, British Columbia.
42. Gonzales, J., & Mishra, S. (2016, June). *In need of points: Teams make adaptive risk-sensitive decisions*. Poster presentation at the 10<sup>th</sup> Northeastern Evolutionary Psychology Society conference, St. Mary’s University, Halifax, Nova Scotia.
41. Meadows, T. J. S., & Mishra, S. (2016, June). *Relative deprivation, stress, and mental health*. Oral presentation at the 10<sup>th</sup> Northeastern Evolutionary Psychology Society conference, St. Mary’s University, Halifax, Nova Scotia.
40. Meadows, T. J. S., Templeton, A., & Mishra, S. (2016, June). *Life history orientation and trait mindfulness*. Poster presentation at the 10<sup>th</sup> Northeastern Evolutionary Psychology Society conference, St. Mary’s University, Halifax, Nova Scotia.
39. Mishra, S., Barclay, P., & Sparks, A. (2016, June). *Domain specificity and risk: Introducing the relative state model*. Poster presentation at the 10<sup>th</sup> Northeastern Evolutionary Psychology Society conference, St. Mary’s University, Halifax, Nova Scotia.

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**CONFERENCE PRESENTATIONS (continued)**

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38. Novakowski, D., & Mishra, S. (2016, June). *Domain-specific risk-taking and embodied capital*. Oral presentation at the 10<sup>th</sup> Northeastern Evolutionary Psychology Society conference, St. Mary's University, Halifax, Nova Scotia.
37. Mishra, S., Gonzales, J., & Watson, L. (2016, May). *Sex differences in allocating time and energy to hobbies and interests: An update*. Oral presentation at the 8<sup>th</sup> Rupert's Land Consumer Behavior Symposium, University of Saskatchewan, Saskatoon, Saskatchewan.
36. Nagel, N., Watson, L., & Mishra, S. (2016, May). *The relationship between relative deprivation and conspicuous consumption*. Oral presentation at the 8<sup>th</sup> Rupert's Land Consumer Behavior Symposium, University of Saskatchewan, Saskatoon, Saskatchewan.
35. Meadows, T. J. S., & Mishra, S. (2016, April). *Stress mediates the relationship between relative deprivation and problem gambling*. Poster presentation at the 15<sup>th</sup> Alberta Gambling Research Institute conference, Banff, Alberta.
34. Mishra, S., & Carleton, R. N. (2016, April). *Use of online crowdsourcing platforms for gambling research*. Poster presentation at the 15<sup>th</sup> Alberta Gambling Research Institute conference, Banff, Alberta.
33. Mishra, S., Mishra, S., Beshai, S., & Carleton, R. N. (2016, April). *Relative deprivation and intolerance of uncertainty in irritable bowel syndrome, non-celiac gluten sensitivity, and fibromyalgia*. Poster presentation at the Department of Medicine Research Day, Dalhousie University, Halifax, Nova Scotia.
32. Novakowski, D., & Mishra, S. (2016, April). *Domain-specific gambling and perceived embodied capital*. Poster presentation at the 15<sup>th</sup> Alberta Gambling Research Institute conference, Banff, Alberta.
31. Gonzales, J., & Mishra, S. (2015, May). *Clear goals, high need, can't lose: Risk-sensitive decision-making in two football populations*. Poster presentation at the 27<sup>th</sup> Human Behavior and Evolution Society conference, University of Missouri, Columbia, Missouri.
30. Mishra, S., Watson, L., & Gonzales, J. (2015, May). *Sex differences in allocating time and energy to hobbies and interests*. Oral presentation at the 7<sup>th</sup> Rupert's Land Consumer Behavior Symposium, University of Manitoba, Winnipeg, Manitoba.
29. Novakowski, D., & Mishra, S. (2015, May). *Individual differences in self-esteem and embodied capital: Expanding the sociometer hypothesis*. Oral presentation at the 27<sup>th</sup> Human Behavior and Evolution Society conference, University of Missouri, Columbia, Missouri.
28. Templeton, A. J., & Mishra, S. (2015, May). *The functional basis of individual differences in personality: A life history examination*. Oral presentation at the 27<sup>th</sup> Human Behavior and Evolution Society conference, University of Missouri, Columbia, Missouri.

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**CONFERENCE PRESENTATIONS (continued)**


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27. Duranceau, S., Carleton, R. N., Zerff, M., Gonzales, J., & **Mishra, S.** (2015, April). *Behavioral responses to uncertainty: The relationship between intolerance of uncertainty and performance on three decision-making tasks*. Poster presentation at the 35<sup>th</sup> Anxiety and Depression Association of America conference, Miami, Florida.
26. Gonzales, J., & **Mishra, S.** (2014, May). *For the win: Risk-sensitivity theory in football decision-making*. Oral presentation at the 44<sup>th</sup> Ontario Ecology, Ethology, and Evolution Colloquium, University of Guelph, Ontario.
25. Gonzales, J., & **Mishra, S.** (2014, May). *For the win: Risk-sensitivity theory in football decision-making*. Poster presentation at the 9<sup>th</sup> Southern Ontario Behavioral Decision Research conference, University of Guelph, Ontario.
24. **Mishra, S.**, & Lalumière, M. L. (2013, July). *Are risk-persistent individuals adaptive decision-makers?* Oral presentation at the 25<sup>th</sup> Human Behavior and Evolution Society conference, Miami, Florida.
23. Sparks, A., **Mishra, S.**, & Barclay, P. (2013, July). *Uncooperative risk-takers*. Poster presentation at the 25<sup>th</sup> Human Behavior and Evolution Society conference, Miami, Florida.
22. **Mishra, S.** (2013, May). *Are risk-persistent individuals “rational” decision-makers?* Oral presentation at the 9<sup>th</sup> Southern Ontario Behavioral Decision Research conference, School of Business and Economics, Wilfrid Laurier University, Waterloo, Ontario.
21. Barclay, P., & **Mishra, S.** (2012, June). *Risk-taking: Costly signal or nothing to lose?* Oral presentation at the 24<sup>th</sup> Human Behavior and Evolution Society conference, Albuquerque, New Mexico.
20. Long, B., Bell, H., Logue, D. M., **Mishra, S.**, Cade, W., & Pellis, S. (2012, June). *Cybernetic cockroaches: Complex behavior from simple rules*. Poster presentation at the 49<sup>th</sup> Animal Behavior Society conference, Albuquerque, New Mexico.
19. **Mishra, S.** (2012, June). *Personality and behavioral outcomes associated with risk-taking are accurately inferred from faces*. Poster presentation at the 22<sup>nd</sup> Canadian Society for Brain, Behavior and Cognitive Science conference, Queen’s University, Kingston, Ontario.
18. **Mishra, S.**, & Fiddick, L. (2012, May). *Beyond gains and losses: The effect of need on risky choice in framed decisions*. Poster presentation at the 8<sup>th</sup> Southern Ontario Behavioral Decision Research conference, University of Waterloo, Ontario.
17. **Mishra, S.**, Gregson, M., & Lalumière, M. L. (2012, May). *Framing effects and risk-sensitive decision-making*. Oral presentation at the 42<sup>nd</sup> Ontario Ecology, Ethology, and Evolution Colloquium, McMaster University, Hamilton, Ontario.
16. **Mishra, S.**, Lalumière, M. L., & Williams, R. J. (2012, April). *Gambling and risk-sensitive decision-making*. Poster presentation at the 11<sup>th</sup> Alberta Gambling Research Institute conference, Banff, Alberta.

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**CONFERENCE PRESENTATIONS (continued)**


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15. **Mishra, S., & Lalumière, M. L.** (2011, June). *Mind the gap: Evidence that inequality causes risky behavior*. Oral presentation at the 23<sup>rd</sup> Human Behavior and Evolution Society conference, Montpellier, France\*.  
\* *Earned postdoctoral scholar award for best presentation by a recent doctoral graduate.*
14. **Mishra, S., & Lalumière, M. L.** (2011, June). *Mind the gap: Evidence that inequality causes risky behavior*. Poster presentation at the 72<sup>nd</sup> Canadian Psychological Association conference, Toronto, Ontario.
13. **Mishra, S., & Lalumière, M. L.** (2011, June). *Mind the gap: Evidence that inequality causes risky behavior*. Poster presentation at the 10<sup>th</sup> Summer Institute in Bounded Rationality, Max Planck Institute for Human Development, Berlin, Germany.\*  
\* *Earned best poster award as voted by faculty.*
12. **Kafashan, S., Mishra, S., & Lalumière, M. L.** (2011, May). *Why risk it? Risky behaviour as an honest signal*. Poster presentation at the 41<sup>st</sup> Ontario Ethology, Ecology and Evolution Colloquium, University of Toronto at Scarborough, Ontario.
11. **Mishra, S., & Lalumière, M. L.** (2011, May). *Mind the gap: Evidence that inequality causes risky behavior*. Poster presentation at the 7<sup>th</sup> Southern Ontario Behavioral Decision Research conference, Rotman School of Management, University of Toronto, Ontario.
10. **Mishra, S., Logue, D. M., Abiola, I. O., & Cade, W. H.** (2011, May). *Developmental environment affects risk-acceptance in the hissing cockroach, *Gromphadorhina portentosa**. Oral presentation at the 41<sup>st</sup> Ontario Ethology, Ecology and Evolution Colloquium, University of Toronto at Scarborough, Ontario.
9. **Mishra, S.** (2011, April). *Inequality and gambling behavior*. Poster presentation at the 10<sup>th</sup> Responsible Gambling Council Conference: Discovery 2011, Ottawa, Ontario.
8. **Mishra, S.** (2010, June). *Does inequality cause risk-taking?* Poster presentation at the 22<sup>nd</sup> Human Behavior and Evolution Society conference, University of Oregon, Eugene, Oregon.\*  
\* *Earned best poster award among 155 posters.*
7. **Kennedy, G., Lalumière, M. L., & Mishra, S.** (2009, October). *Motivational myopia: The effect of sexual arousal on decision-making*. Poster presentation at the 28<sup>th</sup> Association for the Treatment of Sexual Abusers conference, Dallas, Texas.
6. **Mishra, S., & Lalumière, M. L.** (2009, May). *You can't always get what you want: The motivational effect of need on risky decision-making*. Oral presentation at the 21<sup>st</sup> Human Behavior and Evolution Society conference, California State University at Fullerton, California.

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**CONFERENCE PRESENTATIONS (continued)**


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5. **Mishra, S., & Lalumière, M. L.** (2009, May). *You can't always get what you want: The motivational effect of need on risky decision-making*. Poster presentation at the 27<sup>th</sup> Banff Seminar in Cognitive Science, Alberta.
4. **Mishra, S., & Lalumière, M. L.** (2008, June). *Applying evolutionary theory to the crime drop: Variation in crime rates as variation in risk taking*. Oral presentation at the 20<sup>th</sup> Human Behavior and Evolution Society conference, Kyoto University, Japan.
3. **Mishra, S., & Lalumière, M. L.** (2007, August). *Why did sexual crimes decline in the 1990s?* Poster presentation at the 33<sup>rd</sup> International Academy of Sex Research conference, Vancouver, British Columbia.
2. **Mishra, S., Clark, A. P., & Daly, M.** (2006, June). *Why women should hate flirts: Viewing proceptive women affects men's evaluations of their partners*. Oral presentation at the 16<sup>th</sup> Canadian Society for Brain, Behavior and Cognitive Science conference, University of Saskatchewan, Saskatoon, Saskatchewan.
1. **Mishra, S., Clark, A. P., & Daly, M.** (2006, June). *One woman's behavior may affect the attractiveness of others*. Poster presentation at the 18<sup>th</sup> Human Behavior and Evolution Society conference, University of Pennsylvania, Philadelphia, Pennsylvania.

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**UNDERGRADUATE TEACHING**


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*University of Regina*Introduction to Organizational Behavior (*BUS 260*) [14 sections]Judgment and Decision-Making (*BUS 473AD*) [4 sections]*University of Lethbridge*Methods and Statistics (*PSYC 2030*) [1 section]

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**GRADUATE TEACHING**


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*University of Regina*Human Behavior in Organizations (*MBA 760/GBUS 817*) [1 section]Research Methods in Management (*MBA/GBUS 838*) [3 sections]

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**GRADUATE STUDENT SUPERVISION**


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## PRIMARY SUPERVISOR

*University of Regina*Nabhan Refaie, *M.A. (Experimental/Applied Psychology)* (2017–present)Amanda Wuth, *M.A. (Experimental/Applied Psychology)* (2017–present)

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**GRADUATE STUDENT SUPERVISION (continued)**

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PRIMARY SUPERVISOR (CONTINUED)

*University of Regina*

Josh Gonzales, *M.A. (Experimental/Applied Psychology)* (2015–present)

Dallas Novakowski, *M.A. (Experimental/Applied Psychology)* (2015–2017)

COMMITTEE MEMBERSHIP

*University of Regina*

Adam Iskric, *M.Sc. (Clinical Psychology)* (2017–present)

Sabine Soltani, *M.A. (Clinical Psychology)* (2014–2016)

Delaine Ammaturo, *M.A. (Clinical Psychology)* (2014–2016)

Michelle Gagnon, *Ph.D. (Clinical Psychology)* (2012–2016)

*University of Manitoba*

Kevin Morris, *M.Sc. (Organizational Behavior)* (2013–2015)

OTHER SUPERVISION

*University of Guelph*

Adam Sparks, *Ph.D. (Applied Psychology) Practicum Advisor* (2013–2014)

*University of Lethbridge*

Gillian Kennedy, *M.Sc. (Psychology) Project Advisor* (2010)

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**UNDERGRADUATE STUDENT SUPERVISION**

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HONORS THESIS STUDENTS

*University of Regina*

Renee Madey (2018–present); Tyler J. S. Meadows (2015–2017); Natasha Nagel (2014–2017); Andrew Templeton (2014–2017); Dallas Novakowski (2014–2015); Josh Gonzales (2013–2015)

*University of Lethbridge*

Margaux Gregson (2008–2009); Sara Kafashan (2008–2009)

INDEPENDENT AND APPLIED STUDY STUDENTS

*University of Regina*

Francis Odum (2018); Priya Parmar (2015–2017)

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## UNDERGRADUATE STUDENT SUPERVISION (continued)

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### HONORS THESIS STUDENTS

#### *University of Guelph*

Steven Monahan (2012); Mackenzie Becker (2010)

#### *University of Lethbridge*

Rylan Boudreau (2010); Sarah Dada (2010); Thomas Fox (2010); Christine Michell (2010); Lindsay Kleiner (2009–2010); Alix Shriner (2009–2010); David Brousseau (2007); Jennifer Green (2006); Jolene Kinley (2006)

### RESEARCH ASSISTANTS

#### *University of Regina*

Sheena Hacker (2017); Logan Palmer (2017); Chantalle Fuchs (2013–2014)

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## PROFESSIONAL ACTIVITIES

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### SOCIETY MEMBERSHIPS

Canadian Psychological Association  
Canadian Society for Industrial/Organizational Psychology  
Human Behavior and Evolution Society  
Society for Judgment and Decision Making

### EDITORIAL BOARD MEMBERSHIPS

*Evolutionary Behavioral Sciences*

### REVIEWER FOR ACADEMIC JOURNALS

*Acta Psychologica* | *Addiction* | *Animal Behaviour* | *Archives of Sexual Behavior* | *Basic and Applied Social Psychology* | *Behavioral and Brain Sciences* | *British Journal of Psychology* | *British Journal of Social Psychology* | *Cognitive Behaviour Therapy* | *Decision* | *Developmental Neuropsychology* | *European Journal of Social Psychology* | *Evolution and Human Behavior* | *Evolutionary Behavioral Sciences* | *Evolutionary Psychology* | *Evolutionary Psychological Science* | *Frontiers in Psychology* | *Human Relations* | *International Gambling Studies* | *International Journal of Hospitality Management* | *International Journal of Psychology* | *Journal of Adolescence* | *Journal of Anxiety Disorders* | *Journal of Behavioral Addictions* | *Journal of Behavioral Decision Making* | *Journal of Business Ethics* | *Journal of Economic Psychology* | *Journal of Evolutionary Psychology* | *Journal of Experimental Psychology: General* | *Journal of Experimental Social Psychology* | *Journal of Gambling Studies* | *Journal of Personality and Social Psychology* | *Journal of Small Business and Entrepreneurship* | *Journal of Social Psychology* | *Journal of the Experimental Analysis of Behavior* | *Medical Principles and Practice* | *PeerJ* | *Personality and Individual Differences* | *Personality and Social Psychology Bulletin* | *Personality and Social Psychology Review* | *PLOS One* | *Political Psychology* | *Psychological Science* | *Psychology and Psychotherapy* | *Psychonomic Bulletin and Review* | *Scientific Reports* | *Sexual Abuse* |



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**PROFESSIONAL ACTIVITIES (continued)**

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REVIEWER FOR ACADEMIC JOURNALS (CONTINUED)

*Social Behavior and Personality* | *Social Justice Research* | *Social Psychological and Personality Science* | *Social Science & Medicine* | *Theory, Culture, and Society*

REVIEWER FOR GRANTING AGENCIES

*Alberta Gambling Research Institute* | *National Science Centre (Poland)* | *National Science Foundation—Decision, Risk, and Management Sciences (United States)* | *National Science Foundation—Social Psychology (United States)* | *Swiss National Science Foundation*

REVIEWER FOR PUBLISHERS

*John Wiley & Sons Canada* | *Pearson Canada*

TENURE REVIEWER

College of Business, Stony Brook University (2019)

GRADUATE EXTERNAL EXAMINER

Khadija Dairywala, Brock University, MA (Psychology) (2018)

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**SERVICE**

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*University of Regina*

Hill/Levene Research Website Developer and Webmaster (2017–present)

Business Administration Representative to Faculty of Arts (2013–2015, 2018–present)

Graduate Program Committee, Hill/Levene Schools of Business (2018–present)

Director, Laboratory for Behavioral Business Research (2016–present)

Academic Market Supplement Committee (2013–present)

Area Group Chair, Organizational Behavior/Human Resources Management (2016–2018)

Business Administration Representative to Faculty of Kinesiology and Health Studies (2016–2018)

Research Committee, Hill/Levene Schools of Business (2016–2018)

Program Lead–Research, Hill/Levene Schools of Business (2017)

Reviewer, 27<sup>th</sup> Canadian Society for Brain, Behavior, and Cognitive Science Conference (2017)

Strategic Planning Committee, Hill/Levene Schools of Business (2016)

Executive of University Council (2014–2016)

Undergraduate Program Committee, Hill/Levene Schools of Business (2013–2017)

*University of Guelph*

43<sup>rd</sup> Ontario Undergraduate Psychology Conference Committee (2011)

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**SERVICE (continued)**

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*University of Lethbridge*

Graduate Representative, Canadian Psychological Association (2010–2011)

Lethbridge Youth Justice Committee (2010)

Student Awards Committee (2010)

Coordinator, Psychology Reading Group (2008–2009)

Vice-Chair, Alberta Graduate Council (2006–2007)

Vice-President (External), Graduate Students Association (2006–2007)

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**CONSULTING PROJECTS**

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Crown Investments Corporation of Saskatchewan

*Annual Demographic Survey* (2019)

International Brotherhood of Electrical Workers

*The Impact of Shift Length and Fatigue on Decision-Making and Mental Health* (2018)

YMCA of Regina

*Regina Homelessness Survey* (2016)

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**CITIZENSHIP**

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*Place of Birth:* Simcoe, Ontario, Canada

*Citizenship:* Canadian

— Last updated December 6, 2018 —