

RESEARCH & PROFESSIONAL IMPACT 2020 ANNUAL REPORT:

Hill and Levene Schools of Business

Peer Reviewed Journal Articles published during 2020

* Gharaei, A. & **Almehdawe, E.** (2020). Economic growing quantity. *International Journal of Production Economics*, 223, 107517. **A**

* Ingolfsson, A., **Almehdawe, E.**, Pedram, A., & Tran, M. (2020). Comparison of fluid approximations for service systems with state-dependent service rates and return probabilities. *European Journal of Operational Research*, 283(2), 562-575. **A***

Levit, T. & Cismaru, M. (2020). Marketing social marketing theory to practitioners. *International Review on Public and Nonprofit Marketing*, 17, 237-252. **B**

Davis, J. & **Cismaru, M.** (2020). Preventing Youth from Driving High. *Canadian Journal of Family and Youth*, Vol. 12(1), 44-64.

Grandy, G. & Mavin, S. (2020). Informal and socially situated learning: Gendered practices and becoming women church leaders. *Gender in Management: An International Journal*, 35(1), 61-75. **C**

Han, Y. & Sears, G. (2020). The influence of Holland's vocational interests on work-family conflict: An exploratory analysis. *Journal of Employment Counseling*, 57(2), 66-84. **A**

He, J., **Huang, H.**, & Zhang, S. (2020). Ambiguity Aversion, Information Acquisition, and Market Opacity. *Annals of Economics and Finance*,

(21)2, 263-329. **C**

Jongwe, A.I., **Moroz, P.W.**, Gordon, M., & **Anderson, R.B.** (2020). Strategic Alliances in Firm-Centric and Collective Contexts: Implications for Indigenous Entrepreneurship. *Economies*, 8(2), 31. **C**

* **Nkongolo-Bakenda, J.M.** & Chrysostome, E.V. (2020). Dual environments of home and host countries of diasporic transnational entrepreneurs: an empirical study in the Canadian context. *International Journal of Entrepreneurship and Small Business*, (39)4: 455-500.

Nkongolo-Bakenda, J.M. & Chrysostome, E.V. (2020). Exploring the organizing and strategic factors of diasporic transnational entrepreneurs in Canada: An empirical study. *Journal of International Entrepreneurship*, 18(3), 336-372.

Pennycook, G. (2020). Belief bias and its significance for modern social science. *Psychological Inquiry*, 31, 57-60.

Pennycook, G., Bear, A., Collins, E., & Rand, D.G. (2020). The implied truth effect: Attaching warnings to a subset of fake news headlines increases perceived accuracy of headlines without warnings. *Management Science*, 66, 4921-5484. **FT50 & A***

Pennycook, G., Cheyne, J.A., Koehler, D.J., & Fugelsang, J.A. (2020). On

the belief that beliefs should change according to evidence: Implications for conspiratorial, moral, paranormal, political, religious, and science beliefs. *Judgment & Decision Making*, 15, 476-498.

Pennycook, G., McPhetres, J., Zhang, Y., Lu, J.G., & Rand, D.G. (2020). Fighting COVID-19 misinformation on social media: Experimental evidence for a scalable accuracy nudge intervention. *Psychological Science*, 31, 770-780. **A***

* **Pennycook, G.** & Rand, D.G. (2020). Who falls for fake news? The roles of bullshit receptivity, overclaiming, familiarity, and analytic thinking. *Journal of Personality*, 88, 185-200. **A**

Dias, N., **Pennycook, G.**, & Rand, D.G. (2020). Emphasizing publishers does not effectively reduce susceptibility to misinformation on social media. *The Harvard Kennedy School (HKS) Misinformation Review*. <https://doi.org/10.37016/mr-2020-001>

Continued on page 2...

* reported in a previous year's bulletin when article was initially published online

The Financial Times' **FT50** ranking identifies the top 50 academic (peer-reviewed) journals in business and management. The Australian Business Deans Council's (ABDC) list also assesses a journal's quality, grading 2,767 different journal titles as **A***, **A**, **B** and **C** with only 6.9% of those assessed achieving the **A*** rating and 20.8% achieving the **A** rating.

Peer Reviewed Journal Articles - continued...

- Epstein, Z., **Pennycook, G.**, & Rand, D.G. (2020). Will the crowd game the algorithm? Using layperson judgments to combat misinformation on social media by down ranking distrusted sources. *Proceedings of the ACM on Human-Computer Interaction*. <https://doi.org/10.1145/3313831.3376232>
- Martel, C., **Pennycook, G.** & Rand, D.G. (2020). Reliance on emotion promotes belief in fake news. *Cognitive Research: Principles and Implications*, 5, 47.
- Mosleh, M., **Pennycook, G.**, & Rand, D.G. (2020). Self-reported willingness to share political news articles in online surveys correlates with actual sharing on Twitter. *PLOS One*, 15(2), e0228882.
- Scherer, L.D. & **Pennycook, G.** (2020). Who is Susceptible to Online Health Misinformation? *American Journal of Public Health*, 110, S276-S277. **A***
- Tappin, B.M., **Pennycook, G.**, & Rand, D.G. (2020). Bayesian or biased? Analytic thinking and political belief updating. *Cognition*, 204, 104375.
- Tappin, B.M., **Pennycook, G.**, & Rand, D.G. (2020). Thinking clearly about causal inferences of politically motivated reasoning: Why paradigmatic study designs often undermine causal inference. *Current Opinion in Behavioral Sciences*, 34, 81-87.
- Bago, B., Rand, D.G., & **Pennycook, G.** (2020). Fake news, fast and slow: Deliberation reduces belief in false (but not true) news headlines. *Journal of Experimental Psychology: General*, 149, 149(8), 1608–1613. **A***
- * De keersmaecker, J., Dunning, D., **Pennycook, G.**, Rand, D.G., Sanchez, C., Unkelbach, C., & Roets, A. (2020). Investigating the robustness of the illusory truth effect across individual differences in cognitive ability, need for cognitive closure, and cognitive style. *Personality and Social Psychology Bulletin*, 46, 204-215.
- Van Bavel, J.J., Baicker, K., Boggio, P.S., ... **Pennycook, G.**, ... (2020). Using social and behavioural science to support COVID-19 pandemic response. *Nature Human Behavior*, 4, 460-471. **A***
- Pasquetto, I.V., Swire-Thompson, B., Amazeen, M.A., ... **Pennycook, G.**, ... (2020) Tackling misinformation: What researchers could do with social media data. *The Harvard Kennedy School (HKS) Misinformation Review*, 8, 1-14.
- Rubalcava, A.** (2020). The effects of Canadian SOX on the price discount of Canadian equity offerings. *International Journal of Business and Finance Research*, 14(1), 71-84. **C**
- Sinclair, P.** & Blachford, D. (2020). The Kago Suihen Textbook Series and Japan's Business Language Education in Early Twentieth-Century Shanghai. *Journal of Teaching in International Business*, 31(3). **C**
- Stevens, A.** (2020). Trajectories of Union Renewal: Migrant Workers and the Revitalization of Union Solidarity in Saskatchewan. *Labour / Le Travail*, 85, 235-259.
- Turner, N., **Tucker, S.**, & Deng, C. (2020). Revisiting vulnerability: Comparing young and adult workers' safety voice intentions under different supervisory conditions. *Accident Analysis & Prevention*, 135, 105372.
- Walker, K., Yu, X., & **Zhang, Z.** (2020). All for One or All for Three: Empirical Evidence of Paradox Theory in the Triple-Bottom-Line. *Journal of Cleaner Production*, 275. **A**
- PUBLISHED ONLINE FIRST** in 2020
- Almehdawe, E.**, **Khan, S.**, Lamsal, M., & Poirier, A. (2020). Factors affecting Canadian credit unions' financial performance. *Agricultural Finance Review*, <https://doi.org/10.1108/AFR-06-2019-0065>. Published online first June 19, 2020. **C**
- Whiley, L.A., Stutterheim, S., & **Grandy, G.** (2020). Breastfeeding, 'tainted' love, and femmephobia: Containing the 'dirty' performances of embodied femininity. *Psychology & Sexuality*, <https://doi.org/10.1080/19419899.2020.1757501>. Published online first May 5, 2020.
- Moroz, P.W.** & Gamble, E.N. (2020). Business model innovation as a window into adaptive tensions: Five paths on the B Corp journey. *Journal of Business Research*, <https://doi.org/10.1016/j.jbusres.2020.01.046>. Published online first February 11, 2020. **A**
- Colbourne, R., **Moroz, P.W.**, Hall, C., Lendsay, K., & Anderson, R.B. (2020). Indigenous works and two eyed seeing: Mapping the case for indigenous-led research. *Qualitative Research in Organizations and Management: An International Journal*, <https://doi.org/10.1108/QROM-04-2019-1754>. Published online first January 11, 2020.
- Tappin, B.M., **Pennycook, G.**, & Rand, D.G. (2020). Rethinking the link between cognitive sophistication and politically motivated reasoning. *Journal of Experimental Psychology: General*, <https://doi.org/10.1037/xge0000974>. Published online first September 14, 2020. **A***
- Bronstein, M., **Pennycook, G.**, Buonomano, L., & Cannon, T.D. (2020). Belief in fake news, responsiveness to cognitive conflict, and analytic reasoning engagement. *Thinking and Reasoning*, <https://doi.org/10.1080/13546783.2020.1847190>. Published online first November 16, 2020.
- Sinclair, P.** (2020). Japanese Universities' Fraught Relationship with the Chinese Language. *Japanese Studies*, <https://doi.org/10.1080/10371397.2020.1819218>. Published online first September 9, 2020.
- Watson, L.** & Beshai, S. (2020). Causal explanations of depression on perceptions of and likelihood to choose cognitive behavioural therapy and antidepressant medications as depression treatments. *Psychology and Psychotherapy: Theory, Research and Practice*, <https://doi.org/10.1111/papt.12300>. Published online first August 4, 2020.
- Laplume, A., Walker, K., **Zhang, Z.**, & Yin, X. (2020). Incumbent Stakeholder Management Performance and New Entry. *Journal of Business Ethics*, <https://doi.org/10.1007/s10551-020-04629-8>. Published online first September 30, 2020. **FT50 & A**

External Grants



Dr. Eman Almehdawe was the recipient of a Mitacs Research Training Award for \$6,000 for her project “The effect of workload and speed on performance in the healthcare system.”



Dr. Peter Moroz is the principal investigator with Indigenous Works, Dr. Rick Colbourne and **Dr. Robert Anderson** of a SSHRC grant for \$26,130 for 2020 for the project “Engagement levels and career pathways of graduate and doctoral students conducting research with Indigenous peoples.”



Dr. Shelagh Campbell and **Dr. Andrew Stevens** are co-principal investigators of a Social Sciences and Humanities Research Council of Canada (SSHRC) Connection Grant for 2020-2021 for \$12,999 for their project “Work in the West: Implications for Land & Labour.”



Dr. Gordon Pennycook is the principal investigator of a SSHRC Insight Grant for \$316,160 for 2020-2025 for his project “The psychology of online disinformation.”



Dr. Gina Grandy and **Dr. Robert Anderson** are co-investigators on a SSHRC Partnership Grant for \$2,446,979 for 2020-2026 for the project “Inclusive Innovation and Entrepreneurship Network”. The principal investigator is Dr. Wendy Cukier at the Diversity Institute, Ryerson University.

Dr. Gordon Pennycook is a co-principal investigator with Timothy Caulfield, Dr. Cheryl Peters and Christen Rachul of a Canadian Institutes of Health Research (CIHR) Grant for \$381,708 for 2020-2021 for their project “Coronavirus Outbreak: Mapping and Countering Misinformation.”

Dr. Gordon Pennycook is a co-principal investigator with Dr. David Rand of a Reset Research Grant (a project of Luminate Projects Limited) for \$200,000 (USD) for 2020 for their project “Interventions to Combat the Spread of Misinformation on Social Media.”

Dr. Gordon Pennycook is a co-investigator with Dr. Michael McNamara and Dr. Nathaniel Barr of a Natural Sciences and Engineering Council of Canada (NSERC) College and Community Social Innovation Program (CCSIF) for \$381,708 for 2020-2023 for the project “Community Ideas Factory: Behavioural Insights Unit.”

Books & Book Chapters

Raimi L. & **Isiaka A.S.** (2020) Regional Review: Africa. In: D. Crowther & S. Seifi (Eds). *The Palgrave Handbook of Corporate Social Responsibility*. Palgrave Macmillan, Cham.

Lewandowsky, S., Cook, J., Ecker, U., Albarracín, D., Amazeen, M.A., Kendeou, P., Lombardi, D., Newman, E.J., **Pennycook, G.**, Porter, E., Rand, D.G., Rapp, D.N., Reifler, J., Roozenbeek, J., Schmid, P., Seifert, C.M., Sinatra, G.M., Swire-Thompson, B., van der Linden, S., Vraga, E.K., Wood, T.J., Zaragoza, M. S. (2020). *The Debunking Handbook 2020*.

Cases

Feeney, J., Street, C., & Frost, A. (2020). *Banishing Performance Ratings at iQmetrics*. Ivey publishing #9B20C006.

Heinrichs, D. & Taylor, M. (2020). *Rethinking B-Sc'ool Apparel at Hill*. Ivey publishing #9B20A009.

Khan, S. & Busaba, W. (2020). *Input Capital: Customized Financing for Canola Producers*. Ivey publishing #9B20N037.

Moroz, P. & Parker, S. (2020). *Conexus Credit Union: Anchoring a Digital Technology Startup Ecosystem*. Ivey publishing #9B20M170.

Other Journal Contributions & Peer (& Non-Peer) Reviewed Articles

Grandy, G. (2020). Editorial. *Case Research Journal*, 40 (1, 4).

Grandy, G., Cukier, W., & Gagnon, S. (2020). (In)visibility in the margins: COVID-19, women entrepreneurs and the need for inclusive recovery. *Gender in Management: An International Journal*, 35(7/8), 667-675.

Reports

Fletcher, A., Newton, C., & **Grandy, G.** (2020). A Report on Women Ag Entrepreneurs in Saskatchewan. Women Entrepreneurship Knowledge Hub (WEKH), University of Regina.

Levit, T. (2020). CCE Online Instructional Design Delivery Feasibility Report. CMD, University of Regina.

Tucker, S. & Keefe, A. (2020). 2020 Report on Work Fatality and Injury Rates in Canada. University of Regina.

Other Scholarly Contributions

Grandy, G. (2020). Perspective on the Case Method in Management Education. IBS Center for Management Research. <https://www.icmrindia.org/interview%20profile/Gina%20Grandy.html>

Conference Proceedings & Presentations

Sivakumar, G., **Almehdawe, E.**, & Kabir, G. (2020). *Development of a Collaborative Decision-Making Framework to Improve the Patients' Service Quality in the Intensive Care Unit.* International Conference on Decision Aid Sciences and Applications, November 2020 – online.

Sivakumar, G., **Almehdawe, E.**, & Kabir, G. (2020). Development of a Collaborative Decision-Making Framework to Improve the Patients' Service Quality in the Intensive Care Unit. *2020 International Conference on Decision Aid Sciences and Application (DASA)*, 597-600.

Campbell, S. (2020). *Labour process under living skies.* ILERA Conference, June 2020 – online.

Grandy, G. (2020). *Writing More Diverse Business Cases.* Case Division, Administrative Sciences Association of Canada Annual Conference, June 2020 – online.

Grandy, G. & Woodwark, M. (2020). *Let's Bring More Diversity into Business Cases.* North American Case Research Association Annual Conference, October 2020 – online.

Grandy, G., Fletcher, A., & Newton, C. (2020). *Women Entrepreneurs in Ag in Saskatchewan: Early Findings.* Advancing Women in Agriculture Conference, November 2020 – online.

Han, Y. & Sears, G. (2020). *Do Holland's Vocational Personality Types Influence Perceptions of Work-Family Conflict?* Society for Personality and Social Psychology Annual

Convention, New Orleans, LA.

Johnson, E. (2020). *Big Data: challenge and opportunities.* International Conference on Web Services Computing – Data Analytics and Visualisation summit, Ernakulam, India.

Kim, Y. & Park, J.C. (2020). *Presidential Power and Stock Returns.* Financial Management Association Annual conference, October 2020 – online.

Kim, Y., Chung, K., & Chuwonganant, C. (2020). *Pre-Opening Price Indications and Market Quality: Evidence from NYSE Rule-48.* Financial Management Association Annual conference, October 2020 – online.

Pennycook, G., Tappin, B.M., & Rand, D.G. (2020). *Attitude updating, motivated reasoning, and cognitive reflection: Two natural experiments relating to the Cohen testimony and Mueller Report.* Society for Personality and Social Psychology Annual Meeting (Politics Preconference), New Orleans, LA.

Rennie, M. (2020). *Financial Reporting for the HBC surrender and First Nations' surrender of Rupert's Land and the North-Western Territory.* Administrative Sciences Association of Canada Annual Conference, June 2020 – online.

Baker, R. & **Rennie, M.** (2020). *John Langton: Pioneer Accountant and Canada's First Auditor General.* Administrative Sciences Association of Canada Annual Conference, June 2020 – online.

Turner, N., Granger, S., **Tucker, S.**, Deng, C., & Kelloway, E.K. (2020). *Are parents' work injuries associated with their children's mental health? The moderating role of children's work centrality.* In M. Gilek (Chair). Work and well-being 2. Symposium presented at EAWOP/ESRC Small Group Meeting on Young People's Work, Employment and Careers, Glasgow, UK.

Recognition

Dr. Gordon Pennycook has been:

- awarded the "Early Career Award" from the Canadian Society for Brain Behaviour and Cognitive Science. The award is given out once per year and Dr. Pennycook was only the 10th person to have received the award.
- named a Member of the Royal Society of Canada's College of New Scholars, Artists and Scientists.



Community Involvement

Bruce Anderson is Chair of the Habitat for Humanity Saskatchewan Board.

Megan Costiuk is an external member of the Universities Academic Pension Plan Audit Committee.

Lee Elliott is a member of the Board of Regents for Luther College.

Dr. Jacqui Gagnon is a board member for the Rainbow Youth Centre and chair of their Finance Committee.

Dr. Gina Grandy is:

- Member of the Saskatchewan Chamber of Commerce Labour Council
- Board Member for Economic Development Regina

Nola Joorisity is:

- Vice Chair - Sask Energy
 - Chair of the Audit and Finance Committee
- VP Finance - Canadian Ski Patrol - Saskatchewan Division
- Co-chair of Ski Swap - Canadian Ski Patrol
- External advisor to the Board of Leith Wheeler Investment Counsel.

Dr. Saqib Khan is the Chair of Finance Committee of the Islamic Association of Saskatchewan, Regina.

Dr. Peter Moroz is the Lead Research Consultant with Indigenous Works.

Dr. Jean-Marie Nkongolo-Bakenda is the President of the Association for the Development of the Rural Communities in Congo (ADERC-Canada).

Dr. Gordon Pennycook is a member of the Fine-Arts Preschool Board.

Dr. Morina Rennie is a member of the Audit Committee of Saskatchewan (term ended October 2020).

Dr. Sean Tucker is the Associate Director of Research for the Saskatchewan Workers Compensation Board.

Dr. Lisa Watson is:

- Chair - Freeform Solutions Board
- Member of Regina Symphony Orchestra Board
- Member of REACH Board

Dr. Zhou Zhang is member of the Association of Chinese-Canadian Professors (ACCP), Regina Chapter Board.

Editorial Board Membership

Dr. Magdalena Cismaru is an Editorial Board Member for *International Review on Public and Nonprofit Marketing Journal*.

Dr. Gina Grandy is the Editor of *Case Research Journal*; an Editorial Board Member for *Gender in Management: An International Journal*; and an Editorial Board Member for *Management Learning*.

Dr. Gordon Pennycook is an Editorial Board Member for *Judgment & Decision Making*; and an Editorial Board Member for *Thinking & Reasoning*.

Dr. Morina Rennie is an Editorial Board Member for *Accounting Perspectives*; and an Editorial Board Member for *Accounting History*.

Dr. Arturo Rubalcava is an Editorial Board Member for *Journal of Business & Financial Affairs*.

Dr. Lisa Watson is an Editorial Board Member for *Canadian Journal of Administrative Sciences*.

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