

ETIENNE P. LEBEL, PhD

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SUMMARY

I investigate the credibility of scientific research. My current efforts are focused on [Curate Science](#), an integrated audit system to ensure that researchers', journals', universities', and funders' research is **transparent** (i.e., meets minimum transparency standards) and **credible** (e.g., survives follow-up scrutiny via new sample replications). I previously lead [PsychDisclosure.org](#) a grassroots initiative that contributed to raising transparency standards [at leading journals in psychology](#). My background is in social psychology where I examined racial biases/prejudice and methodological issues in psychology research (e.g., [units of measurement standardization](#); [suboptimal research practices](#) that [decrease replicability](#)).

ACADEMIC & PROFESSIONAL POSITIONS

KU Leuven (Belgium) <i>Marie-Curie Fellow (European Commission; USD\$200,000)</i>	2018-2020
University of Western Ontario <i>Research Associate</i>	2017-2018
IGDORE (Institute for Globally Distributed Open Research and Education) <i>Researcher and Board Member</i>	2017-2018
University of California – Berkeley <i>Project Scientist</i>	2016
University of Western Ontario <i>Research Associate/Lecturer</i>	2014-2016
Montclair State University (USA) <i>Assistant Professor</i>	2013-2014

PROFESSIONAL ACCOMPLISHMENTS

- Founder of grassroots transparency initiative [PsychDisclosure.org](#)** 2012-2014
- Platform for authors to disclose four categories of methodological details not required to be reported according to accepted reporting standards at the time, but which are essential for accurate interpretation and evaluation of research findings.
 - Success of initiative influenced psychology's flagship journal *Psychological Science* to [raise its transparency standards](#); since January 2014 all authors must now confirm the disclosure of the four methodological categories covered by PsychDisclosure.org [during submission](#).

BOOKS

LeBel, E. P. (2011). *Metric calibration of psychological instruments: Utility and feasibility*. Saarbrücken, Germany: LAP Lambert Academic Publishing. [[Buy on Amazon.com](#)]

PUBLICATIONS (Peer-reviewed Articles and Chapters; selection)

- LeBel, E. P., Vanpaemel, W., Cheung, I., & Campbell, L. (2019). A brief guide to evaluate replications. *Meta-Psychology*, 3. [[PsyArXiv preprint](#)] [[PDF](#)]
- LeBel, E. P., McCarthy, R., Earp, B., Elson, M., & Vanpaemel, W. (2018). A unified framework to quantify the credibility of scientific findings. *Advances in Methods and Practices in Psychological Science*, 1(3), 389-402. [[PsyArXiv preprint](#)] [[PDF](#)]
- LeBel, E. P., Loving, T. J., & Campbell, L. (2017). Benefits of open and high-powered research outweigh costs. *Journal of Personality and Social Psychology*, 113, 230-243. [[SSRN pre-print](#)] [[PsyArXiv preprint](#)] [[Shiny App](#)] [[PDF](#)]
- LeBel, E. P., & John, L. (2017). Psychological and institutional obstacles toward more transparent reporting of psychological science. In S. O. Lilienfeld & I. D. Waldman (Eds.), *Psychological Science Under Scrutiny: Recent Challenges and Proposed Solutions*. New York, NY: John Wiley & Sons. [[Buy from Wiley.com](#)] [[PDF](#)]
- Cheung, I., Campbell, L., LeBel, E., ... Yong, J. C. (2016). Registered Replication Report of Finkel, Rusbult, Kumashiro, & Hannon's (2002) Study 1. *Perspectives on Psychological Science*, 11, 750-764. [[PDF](#)]
- LeBel, E. P. (2015). A new replication norm for psychology. *Collabra*. [[PDF](#)]
- Aarts, A. A. ... , LeBel, E. P., ... , Nosek, B. A. (2015). Estimating the reproducibility of psychological science. *Science*, 349, aac4716 [[PDF](#)]
 †Paper covered by [more than 100 news articles](#).
- LeBel, E. P., Borsboom, D., Giner-Sorolla, R., Hasselman, F., Peters, K. R., Ratliff, K. A., & Smith, C. T. (2013). PsychDisclosure.org: Grassroots support for reforming reporting standards in psychology. *Perspectives on Psychological Science*, 8, 424-432. [[Supplementary Materials](#)] [[PDF](#)]
 †Initiative mentioned in [New Yorker piece on improving science](#).
- LeBel, E. P., & Peters, K. R. (2011). Fearing the future of empirical psychology: Bem's (2011) evidence of psi as a case study of deficiencies in modal research practice. *Review of General Psychology*, 15, 371-379. (*Both authors contributed equally) [[PDF](#)]
 †Research covered in [Time magazine Ideas section](#).

GRANTS, AWARDS, & SCHOLARSHIPS (selection)

- Marie-Curie Fellowship Grant (**Value: USD\$200,000**)[†] 2018-2020
European Commission (hosted at KU Leuven, Belgium)
Transparency instruments to quantify the transparency, robustness, and replicability of empirical research
 †Among Europe's most competitive and prestigious awards, aimed to support the best, most promising scientists [[1](#)]
- 2-year longitudinal RCT meta-scientific study grant (**Value: USD\$290,000**) 2016
Lead grant writer; Berkeley Initiative for Transparency in the Social Sciences (BITSS)
State of Social Science Study: Tracking & Increasing Transparency & Reproducibility Practices
Anonymous Donor
- Leamer-Rosenthal Open Science Prize – Emerging Researcher (**Value: USD\$10,000**) 2015
Berkeley Initiative for Transparency in the Social Sciences (BITSS)

Social Science Meta-Analysis and Research Transparency (SSMART) grant (Value: USD\$30,000) <i>Berkeley Initiative for Transparency in the Social Sciences (BITSS)</i> <i>Examining the Reproducibility of Meta-Analyses in Psychology</i> (PI: Daniel Lakens)	2015
Curate Science beta seed grant (Value: USD\$10,000) <i>Center for Open Science (COS)</i>	2014-2015
New faculty assistant professor start-up grant (Value: USD\$58,000) <i>Montclair State University</i>	2013-2014
SSHRC Post-Doctoral fellow grant (Value: CAD\$81,000.00) <i>Social Sciences and Humanities Research Council (SSHRC)</i>	2011-2013
Canadian Graduate Scholarship Doctoral Scholarship (Value: CAD\$105,000.00) <i>Social Sciences and Humanities Research Council (SSHRC)</i>	2007-2010

MEDIA COVERAGE OF RESEARCH (selection)

[The Science 'Reproducibility Crisis' – And What Can Be Done About It](#) (*The Conversation*, March 15, 2017)

[How the Reproducibility Crisis in Academia is Affecting Scientific Research](#) (*Forbes Magazine*, February 9, 2017)

[Why Academic Research is So Unpredictable and What We Can Do to Fix It](#) (*Huffington Post*, February 9, 2017)

[Why is so much research dodgy?](#) (*The Guardian*, October 17, 2016)

[The 7 biggest problems facing science, according to 270 scientists](#) (*Vox*, September 7, 2016)

[We need to talk about the bad science being funded](#) (*The Conversation*, July 18, 2016)

[Why so much science research is flawed -- and what to do about it](#) (*New Scientist*, April 13, 2016)

[Sloppy Science: Are Sketchy Practices in the Lab to Blame for the Replication Crisis in Psychology Research?](#) (*Slate Magazine*, March 21, 2016)

[Does social science have a replication crisis?](#) (*The Washington Post*, March 9, 2016)

[Whistle-blower scientist wins \\$10K prize](#) (*London Free Press*, December 14, 2015)

[Make Science More Reliable, Win Cash Prizes: Honoring young researchers who champion rigorous, transparent research is a small step towards changing the culture of science.](#) (*The Atlantic*, December 10, 2015)

[Taxpayer-funded research agencies 'need to wake up'](#) (*London Free Press*, September 20, 2015)

[London scientist Etienne LeBel has exposed questionable work of senior researchers](#) (*London Free Press*, *Stratford Beacon Herald*, *St. Thomas Times*, September 5, 2015)

['Hobo scientist' presses for truth in journals](#) (*Ottawa Citizen*, September 5, 2015)

[Scientists' claims fail rebel's smell test](#) (*Sarnia Observer*, September 5, 2015)

[We tried to reproduce 100 published psychological studies -- the results were abysmal](#) (*National Post*, August 28, 2015)

[Of 100 Published Psychology Studies, Less Than Half Could Be Reproduced Successfully](#) (*Popular Science*, August 27, 2015)

[Study delivers bleak verdict on validity of psychology experiment results](#) (*The Guardian*, August 27, 2015)

[How Reliable Are Psychology Studies?](#) (*The Atlantic*, August 27, 2015)

[Cleaning up science](#) (*The New Yorker*, December 21, 2012)

[Can We Trust Psychological Research?](#) (*Time Magazine*, July 17, 2012)