**Etienne P. LeBel, PhD**

KU Leuven, Faculty of Psychology and Educational Sciences

Tiensestraat 102, Leuven, Belgium 3000

[etienne.lebel@gmail.com](mailto:etienne.lebel@gmail.com) ◆ [etiennelebel.com](http://etiennelebel.com/)

# SUMMARY

I investigate the credibility of scientific research. My current efforts are focused on [Curate Science](http://CurateScience.org), an integrated system and platform to allow researchers, journals, universities, and funders to ensure that research is ***transparent*** (i.e., meets minimum transparency standards) and ***credible*** (survives various kinds of follow-up scrutiny, e.g., replications). I previously lead [PsychDisclosure.org](http://psychdisclosure.org/) a grassroots initiative that contributed to raising transparency standards [at leading journals in psychology](http://www.psychologicalscience.org/index.php/publications/observer/obsonline/whats-new-at-psychological-science.html). My background is in social psychology where I examined racial biases/prejudice and methodological issues in psychology research (e.g., [units of measurement standardization](https://ir.lib.uwo.ca/cgi/viewcontent.cgi?article=1282&context=etd); [suboptimal research practices](file:///C:\Users\Etienne%20LeBel\Google%20Drive\webpage\live\public\documents\l&p(2011,rgp).pdf) that [decrease replicability](file:///C:\Users\Etienne%20LeBel\Google%20Drive\webpage\live\public\documents\l&p(2011,pspb).pdf)).



## BOOKS

|  |  |
| --- | --- |
| **Metric calibration of psychological instruments: Utility and feasibility** | [PDF](http://ir.lib.uwo.ca/etd/174/) |
| EP LeBel (2011) | [Buy on Amazon.com](http://www.amazon.com/Metric-Calibration-Psychological-Instruments-Feasibility/dp/384654311X) |
| Saarbrucken, Germany: LAP Lambert Academic Publishing |  |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png**†** see [here](#OLE_LINK1) for transparency badges legend |  |

**PUBLICATIONS (Peer-reviewed; for interactive publication list, see** [**my Curate Scholar page**](https://curatescience.org/app/author/etienne-p-lebel)**)**

|  |  |
| --- | --- |
| **A brief guide to evaluate replications** | [PDF](https://open.lnu.se/index.php/metapsychology/article/view/843/1835) |
| EP LeBel, W Vanpaemel, I Cheung, & L Campbell (2019) | [PsyArXiv preprint](https://osf.io/paxyn/) |
| *Meta-Psychology* |  |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  |

|  |  |  |
| --- | --- | --- |
| **A unified framework to quantify the credibility of scientific findings** | | [PDF](https://etiennelebel.com/documents/lebeletal(2018,ampss)a-unified-framework-to-quantify-the-credibility-of-scientific-findings.pdf) |
| EP LeBel, R McCarthy, B Earp, M Elson, & W Vanpaemel (2018) | [PsyArXiv preprint](https://osf.io/preprints/psyarxiv/uwmr8) | |
| *Advances in Methods and Practices in Psychological Science* |  | |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Falsifiability is not optional** | | [PDF](http://etiennelebel.com/documents/lbcl(2017,jpsp).pdf) |
| EP LeBel, D Berger, L Campbell, & TJ Loving (2017) | [PsyArXiv preprint](https://osf.io/preprints/psyarxiv/dv94b/) | |
| *Journal of Personality and Social Psychology* |  | |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Benefits of open and high-powered research outweigh costs** | | [PDF](http://etiennelebel.com/documents/lcl(2017,jpsp).pdf) |
| EP LeBel, L Campbell, & TJ Loving (2017) | [PsyArXiv preprint](https://osf.io/preprints/psyarxiv/fcxge/) | |
| *Journal of Personality and Social Psychology* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/hpwqd/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Complex phenomena require sophisticated designs: Why we shouldn't give up on replicability** | | [PDF](https://etiennelebel.com/documents/hf&l(2017,fip).pdf) [HTML](https://www.frontiersin.org/articles/10.3389/fpsyg.2017.01004/full) |
| M Heino, EI Fried, & EP LeBel (2017) | [PsyArXiv preprint](https://osf.io/preprints/psyarxiv/6b95w/) | |
| *Frontiers in Psychology* |  | |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Psychological and institutional obstacles toward more transparent reporting of psychological science** | | [PDF](http://etiennelebel.com/documents/l&j(inpress,chapter).pdf) [Buy from Wiley.com](http://ca.wiley.com/WileyCDA/WileyTitle/productCd-1118661079.html) |
| EP LeBel,& L John (2017) |  | |
| In S. O. Lilienfeld & I. D. Waldman (Eds.), *Psychological Science Under Scrutiny: Recent Challenges and Proposed Solutions*. New York, NY: John Wiley & Sons. |  | |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Registered Replication Report of Finkel, Rusbult, Kumashiro, & Hannon's (2002) Study 1** | | [PDF](http://journals.sagepub.com/doi/pdf/10.1177/1745691616664694) [HTML](http://journals.sagepub.com/doi/10.1177/1745691616664694) |
| I Cheung, L Campbell, EP LeBel, ... , & Yong, J. C. (2016) |  | |
| *Perspectives on Psychological Science* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/3nz7j/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Estimating the reproducibility of psychological science** | | [PDF](http://etiennelebel.com/documents/osc(2015,science).pdf) |
| AA Aarts, ... , EP LeBel, ... , BA Nosek (2015) | [PsyArXiv preprint](https://osf.io/447b3/) | |
| *Science* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/ytpuq/wiki/home/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png **†Paper covered by** [**more than 100 news articles**](https://docs.google.com/spreadsheets/d/1U8ehsVUKyExq_G-8i5--0-EhYOcFnJMd3_vdxKPIbuc/edit#gid=0)**.** |  | |

|  |  |
| --- | --- |
| **A new replication norm for psychology** | [PDF](https://etiennelebel.com/documents/l(2015,collabra).pdf) |
| EP LeBel (2015) | [HTML](http://collabra.org/articles/10.1525/collabra.23/) |
| *Collabra* |  |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  |

|  |  |  |
| --- | --- | --- |
| **Replication difficulties of Correll's (2008) modulation of 1/f noise in a racial bias task** | | [PDF](http://etiennelebel.com/documents/m&l(2015,pbr).pdf) [PsyArXiv preprint](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2435572) |
| C Madurski & EP LeBel (2015) |  | |
| *Psychonomic Bulletin & Review* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/zx4ia/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Madness in the method: Fatal flaws in triple-blind mediumship research** | | [Buy on Amazon.com](https://www.amazon.com/exec/obidos/ASIN/0810886774/themetapsycholog) |
| C Battista, N Gauvrit, & EP LeBel (2015) |  | |
| In M. Martin & K. Augustine (Eds.), *The Myth of an Afterlife: The Case Against Life After Death.* Lanham, MD: Scarecrow Press |  | |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Enhancing transparency of the research process to increase accuracy of findings: A guide for relationship researchers** | | [PDF](http://etiennelebel.com/documents/cl&l(2014,pr).pdf) [SSRN preprint](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2435185) |
| L Campbell, TJ Loving, & EP LeBel (2014) |  | |
| *Personal Relationships* |  | |

C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png

|  |  |  |
| --- | --- | --- |
| **Big secrets do not necessarily cause hills to appear steeper** | | [PDF](http://etiennelebel.com/documents/l&w(2014,pbr).pdf) |
| EP LeBel & CJ Wilbur (2014) |  | |
| *Psychonomic Bulletin & Review* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/zx4ia/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **The Reproducibility Project: A model of large-scale collaboration for empirical research on reproducibility** | | [PDF](http://eprints.lse.ac.uk/65169/1/Kappes_Reproducibility%20project_protected.pdf) [Buy on Amazon.com](https://www.amazon.com/Implementing-Reproducible-Research-Chapman-Hall/dp/1466561599) |
| AA Aarts, ... , EP LeBel, ... , BA Nosek (2014) |  | |
| In V. Stodden, F. Leisch, & R. Peng (Eds.), *Implementing Reproducible Computational Research (A Volume in The R Series*). New York, NY: Taylor & Francis |  | |

|  |  |  |
| --- | --- | --- |
| **Heightened sensitivity to temperature cues in highly anxiously attached individuals: Real or elusive phenomenon?** | | [PDF](http://etiennelebel.com/documents/l&c(2013,psci).pdf) |
| EP LeBel & L Campbell (2013) |  | |
| *Psychological Science* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/dsxen/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **PsychDisclosure.org: Grassroots support for reforming reporting standards in psychology** | | [PDF](http://etiennelebel.com/documents/lbghprs(2013,pps).pdf) |
| EP LeBel, DBorsboom, KR Peters, … , & CT Smith(2013) |  | |
| *Perspectives on Psychological Science* |  | |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png **†Initiative mentioned in** [**New Yorker piece on improving science**](http://nyr.kr/Tj8Ll3)**.** |  | |

|  |  |  |
| --- | --- | --- |
| **The interactive role of implicit and explicit partner evaluations on ongoing affective and behavioral romantic realities** | | [PDF](http://etiennelebel.com/documents/l&c(2013,spps).pdf) |
| EP LeBel& LCampbell(2013) |  | |
| *Social Psychological and Personality Science* |  | |
| C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **An open, large-scale, collaborative effort to estimate the reproducibility of psychological science** | | [PDF](http://etiennelebel.com/documents/osc(2012,pps).pdf) |
| AA Aarts, ... , EP LeBel, ... , & BA Nosek (2012) |  | |
| *Perspectives on Psychological Science* |  | |

C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png

|  |  |  |
| --- | --- | --- |
| **Socially desirable responding and its elusive effects on the validity of personality assessments** | | [PDF](https://etiennelebel.com/documents/p&l(2012,jpsp).pdf) |
| SV Paunonen & EP LeBel (2012) |  | |
| *Journal of Personality and Social Psychology* |  | |
| [code](https://osf.io/g8k8g/files/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Name-letter preferences for new last name and abandoned birth name initials in the context of name-change via marriage** | | [PDF](http://etiennelebel.com/documents/s&l(2012,sp).pdf) |
| S Stieger & EP LeBel (2012) |  | |
| *Social Psychology* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/dsxen/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Fearing the future of empirical psychology: Bem’s (2011) evidence of psi as a case study of deficiencies in modal research practice** | | [PDF](http://etiennelebel.com/documents/l&p(2011,rgp).pdf) |
| EP LeBel & KR Peters (2011) |  | |
| *Review of General Psychology* |  | |

C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png **†Research covered in** [**Time magazine Ideas section**](http://ideas.time.com/2012/07/17/can-we-trust-psychological-research/)**.**

|  |  |  |
| --- | --- | --- |
| **Sexy but often unreliable: Impact of unreliability on the replicability of experimental findings involving implicit measures** | | [PDF](http://etiennelebel.com/documents/l&p(2011,pspb).pdf) |
| EP LeBel& SV Paunonen (2011) |  | |
| *Personality and Social Psychology Bulletin* |  | |
| [code](https://osf.io/g8k8g/files/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Attitude accessibility as a moderator of implicit and explicit self-esteem correspondence** | | [PDF](http://etiennelebel.com/documents/l2010sai.pdf) |
| EP LeBel (2010) |  | |
| *Self and Identity* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/dsxen/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Attentional influences on affective priming: Does categorization influence spontaneous evaluations of multiply categorizable objects?** | | [PDF](http://etiennelebel.com/documents/gcld2010ce.pdf) |
| B Gawronski, W Cunningham, EP LeBel, & R Deutsch (2010) |  | |
| *Cognition and Emotion* |  | |

|  |  |  |
| --- | --- | --- |
| **How to find what's in a name: Scrutinizing the optimality of five scoring algorithms for the name-letter task** | | [PDF](http://etiennelebel.com/documents/l&g(2009,ejp).pdf) |
| EP LeBel & B Gawronski (2009) |  | |
| *European Journal of Personality* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/dsxen/)C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png |  | |

|  |  |  |
| --- | --- | --- |
| **Implicit partner affect, relationship satisfaction, and the prediction of romantic breakup** | | [PDF](http://etiennelebel.com/documents/l&c(2009,jesp).pdf) |
| EP LeBel & L Campbell (2009) |  | |
| *Journal of Experimental Social Psychology* |  | |

|  |  |  |
| --- | --- | --- |
| **Methodological issues in the validation of implicit measures. Comment on De Houwer, Teige-Mocigemba, Spruyt, and Moors (2009)** | | [PDF](http://etiennelebel.com/documents/glpb2009pb.pdf) |
| B Gawronski, EP LeBel, KR Peters, & R Banse (2009) |  | |
| *Psychological Bulletin* |  | |

|  |  |  |
| --- | --- | --- |
| **Response interference as a mechanism underlying implicit measures: Some traps and gaps in the assessment of mental associations with experimental paradigms** | | [PDF](http://etiennelebel.com/documents/gdlp2008ejpa.pdf) |
| B Gawronski, R Deutsch, EP LeBel, & KR Peters (2008) |  | |
| *European Journal of Psychological Assessment* |  | |

|  |  |  |
| --- | --- | --- |
| **What makes mental associations personal or extra-personal? Conceptual issues in the methodological debate about implicit attitude measures** | | [PDF](http://etiennelebel.com/documents/gpl_2008_sppc.pdf) |
| B Gawronski, KR Peters, & EP LeBel (2008) |  | |
| *Social and Personality Psychology Compass* |  | |

|  |  |  |
| --- | --- | --- |
| **Understanding patterns of attitude change: When implicit measures show change, but explicit measures do not** | | [PDF](http://etiennelebel.com/documents/gl2008jesp.pdf) |
| B Gawronski, & EP LeBel (2008) |  | |
| *Journal of Experimental Social Psychology* |  | |

|  |  |  |
| --- | --- | --- |
| **What do implicit measures tell us? Scrutinizing the validity of three common assumptions.** | | [PDF](http://etiennelebel.com/documents/glp2007pps.pdf) |
| B Gawronski, EP LeBel, & KR Peters (2007) |  | |
| *Perspectives on Psychological Science* |  | |

**WORKING PAPERS**

|  |  |  |
| --- | --- | --- |
| **Replication difficulties of Payne, Hall, Cameron, and Bishara’s (2010) multinomial processing tree model of the Affect Misattribution Procedure** | | [SSRN preprint](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2459994) |
| C Tobin & EP LeBel (2014) |  | |
| *Unpublished manuscript, Montclair State University* |  | |
| [C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\code.png](https://osf.io/zx4ia/) |  | |

|  |  |  |
| --- | --- | --- |
| **Mechanism heterogeneity in the Affect Misattribution Procedure** | | [Preprint](https://etiennelebel.com/documents/LeBel&Stahl_posterSubmission_final.pdf) |
| EP LeBel & C Stahl (2013) |  | |
| *Unpublished manuscript, Montclair State University* |  | |

# ACADEMIC & PROFESSIONAL POSITIONS

KU Leuven (Belgium) 2018-2020

*Marie-Curie Fellow (European Commission; USD$200,000)*

University of Western Ontario 2017-2018

*Research Associate*

Institute for Globally Distributed Open Research and Education (IGDORE) 2017-2018

*Researcher and Board Member*

University of California – Berkeley 2016

*Project Scientist*

University of Western Ontario 2014-2016

*Research Associate/Lecturer*

Montclair State University (USA) 2013-2014

*Assistant Professor*

University of Western Ontario 2011-2013

*Post-Doctoral Fellow*

## PROFESSIONAL ACCOMPLISHMENTS

**Founder of grassroots transparency initiative** [**PsychDisclosure.org**](http://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](http://www.psychologicalscience.org/observer/whats-new-at-psychological-science); since January 2014 all authors must now confirm the disclosure of the four methodological categories covered by PsychDisclosure.org [during submission](http://www.psychologicalscience.org/publications/psychological_science/ps-submissions#DISC).

# GRANTS, AWARDS, & SCHOLARSHIPS

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*](https://en.wikipedia.org/wiki/Marie_Sk%C5%82odowska-Curie_Actions)*]*

Visiting Scholar and Travel Grant (**Value: USD$3,500**) 2018

*Institute for Globally Distributed Open Research and Education (IGDORE)*

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**) 2015

*Berkeley Initiative for Transparency in the Social Sciences (BITSS)*

*Examining the Reproducibility of Meta-Analyses in Psychology* (PI: Daniel Lakens)

Curate Science beta seed grant (**Value: USD$10,000**) 2014-2015

*Center for Open Science (COS)*

New faculty assistant professor start-up grant (**Value: USD$58,000**) 2013-2014

*Montclair State University*

SSHRC Post-Doctoral fellow grant **(Value: CAD$81,000.00)**  2011-2013

*Social Sciences and Humanities Research Council (SSHRC)*

Canadian Graduate Scholarship Doctoral Scholarship **(Value: CAD$105,000.00)** 2007-2010

*Social Sciences and Humanities Research Council (SSHRC)*

Ontario Graduate Scholarship **(Value: CAD$15,000.00, declined)** 2007-2008

Western Graduate Research Scholarship **(Value: CAD$2,100.00)** 2007

Canadian Graduate Scholarship Master’s **(Value: CAD$17,500.00)** 2006-2007

*Social Sciences and Humanities Research Council (SSHRC)*

Ontario Graduate Scholarship **(Value: CAD$15,000.00, declined)** 2006-2007

Ontario Graduate Scholarship **(Value: CAD$15,000.00)**  2005-2006

President's Graduate Scholarship **(Value: CAD$10,000.00, declined)**  2005

*University of Waterloo*

Certificate of Academic Excellence, Honor’s Thesis 2005

*Canadian Psychological Association*

Honor’s Thesis Award, Department of Psychology 2005

*University of Waterloo*

Weyerhaeuser Canadian National Scholarship **(Value: CAD$8,000.00)**  2000-2004

# EDUCATION

**Ph.D., Social Psychology** 2007-2011

University of Western Ontario

* Dissertation title: *The Utility and Feasibility of Metric Calibration for Basic Psychological Research*

**M.Sc., Social Psychology** 2005-2007

University of Western Ontario

* Master’s thesis title: *Underlying Mechanisms of Implicit and Explicit Intergroup Bias*

**B.A., Honors Psychology Program** 2000-2005

University of Waterloo

* Honor’s thesis title: *The Effect of Subliminal Self-Affirmation on Stereotype Activation*

**TALKS / CONFERENCE PRESENTATIONS**

LeBel, E. P. (2019, April). *Curate Science: A Platform to Label and Link the Transparency of Research.* Invited talk presented as part of KU Leuven’s *Research Integrity Seminar Series*, KU Leuven, Leuven, Belgium.

LeBel, E. P. (2019, March). *Curate Science: Transparency Labels for Science.* Invited talk presented at the workshop *Rethinking the Robustness and Reliability of Research: Researchers in the Face of the Crisis of Reproducibility*, University of Bordeaux, Bordeaux, France.

LeBel, E. P. (2018, April). *Curate Science: Crowdsourcing the Credibility of Empirical Research.* Invited talk presented at IGDORE’s inaugural open science conference, Institute for Globally Distributed Open Research and Education, Bali, Indonesia.

LeBel, E. P. (2017, September). *Estimating the Trustworthiness of Empirical Research by Quantifying its Transparency.* Invited talk presented at LMU’s Open Science Committee group, Ludwig-Maximilian University of Munich (LMU), Munich, Germany.

LeBel, E. P. (2017, September). *The Social Psychology of Bad Science and a New Way Forward.* Invited talk presented at the Personality Psychology and Psychological Diagnostics (DPPD) conference, Ludwig-Maximilian University of Munich (LMU), Munich, Germany.

LeBel, E. P. (2017, August). *Curate Science: Quantifying the Trustworthiness of Empirical Research.* Invited talk presented at the National Science Foundation (NSF) Behavioral Ontology Learning meeting, Stanley Hotel, Estes Park, CO, USA.

LeBel, E. P. (2015, November). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Department of Psychology, Ghent University, Ghent, Belgium.

LeBel, E. P. (2015, November). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Studium Generale lecture series, Eindhoven University, Eindhoven, Netherlands.

LeBel, E. P. (2015, November). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Department of Psychology, University of Amsterdam, Amsterdam, Netherlands.

LeBel, E. P. (2015, November). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Cognition and Brain Sciences Unit, University of Cambridge, Cambridge, United Kingdom.

LeBel, E. P. (2015, October). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Negotiations, Organizations, and Markets unit at Harvard Business School, Boston, MA, USA.

LeBel, E. P. (2015, October). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Center for Open Science, Charlottesville, VA, USA.

LeBel, E. P. (2015, October). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Department of Psychology, University of Oregon, Eugene, OR, USA.

LeBel, E. P. (2015, September). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Department of Psychology, University of Washington, Seattle, WA, USA.

LeBel, E. P. (2015, September). *Curate Science: Facilitating the independent verification of published findings.* Talk presented at the Department of Psychology, University of Illinois – Urbana-Champaign, Urbana-Champaign, IL, USA.

LeBel, E. P. (2015, March). *Curate Science: An online tool to facilitate and incentivize the independent verification of published findings.* Talk presented at the Department of Psychology, University of California San Diego, San Diego, CA, USA.

LeBel, E. P. (2014, June). *Curate Science: Accelerating the growth of cumulative knowledge by curating key information about scientific articles.* Talk presented at the Transparency Practices for Social Science Workshop, Berkeley Initiative for Transparency in the Social Sciences (BITSS), Berkeley, CA, USA.

LeBel, E. P., Lai, C., Gilbert, E., & Strohminger, N. (2014, May). *The reproducibility project: Estimating the reproducibility of psychological science [Design section]*. Talk presented at the Association for Psychological Science conference, San Francisco, CA, USA.

LeBel, E. P. (2014, February). *Science-Commons.org: Accelerating cumulative knowledge*. Talk presented at the Center for Advanced Study in Behavioral Sciences (Research Integrity working group), Stanford University, Stanford, CA, USA.

LeBel, E. P., & Paunonen, S. V. (2013, May). *PsychDisclosure.org as an entry point toward* *broader scientific openness via OpenScienceFramework.org.* Talk presented at the developer pre-conference at Association for Psychological Science, Washington, D.C., USA.

LeBel, E. P., & Paunonen, S. V. (2013, May). *PsychDisclosure.org as a case in point for mandatory disclosure statements*. Poster presented at the Association for Psychological Science conference, Washington, D.C., USA.

Campbell, L., & LeBel, E. P. (2011, October). *Implicit partner evaluations uniquely and interactively predict ongoing affective and behavioral romantic realities.* Paper presented at the conference of the Society of Experimental Social Psychology, Washington, D.C., USA.

LeBel, E. P., & Gawronski, B. (2011, January). *Metric calibration of psychological instruments in social psychology.* Poster presented at the inaugural New Methods Preconference of the Meeting of the Society for Personality and Social Psychology, San Antonia, Texas, USA.

LeBel, E. P., & Gawronski, B. (2011, January). *Metric calibration of psychological instruments in social psychology.* Poster presented at the annual Meeting of the Society for Personality and Social Psychology, San Antonia, Texas, USA.

Paunonen, S. V.,&LeBel, E. P.(2010, May). *Criterion validity, construct validity, and socially desirable self-reports.* Paper presented during invited address at the University of Tartu, Tartu, Estonia.

LeBel, E. P., & Campbell, L. (2010, January). *Implicit partner affect, relationship satisfaction, and the prediction of romantic breakup.* Poster presented at the annual Meeting of the Society for Personality and Social Psychology, Las Vegas, Nevada, USA.

LeBel, E. P., & Campbell, L. (2009, October). *Implicit partner affect, relationship satisfaction, and the prediction of romantic breakup.* Informal paper presented at the annual Conference of the Society of Experimental Social Psychology (SESP), Portland, ME, USA.

LeBel, E. P., & Campbell, L. (2009, August). *Implicit partner affect, relationship satisfaction, and the prediction of romantic breakup.* Poster presented at the 12th Ontario Symposium, University of Western Ontario, London, Ontario, Canada.

LeBel, E. P., & Campbell, L. (2009, April). *Implicit partner affect, relationship satisfaction, and the prediction of romantic breakup.* Paper orally presented at the annual Midwestern Psychological Association conference, Chicago, IL, USA.

LeBel, E. P., & Gawronski, B. (2009, February). *How to find what's in a name: Scrutinizing the optimality of five scoring algorithms for the name-letter task.* Poster presented at the 10th annual Meeting of the Society for Personality and Social Psychology, Tampa, FL, USA.

LeBel, E. P., & Campbell, L. (2008, February). *The discrepant self and its relations to relationship satisfaction and commitment.* Poster presented at the Self and Identity pre-conference of the 9th annual Meeting of the Society for Personality and Social Psychology, Albuquerque, NM, USA.

LeBel, E. P., & Gawronski, B. (2008, February). *I like it, but I wonder why: Causal attribution as a moderator of the relation between implicit and explicit evaluations.* Poster presented at the 9th annual Meeting of the Society for Personality and Social Psychology, Albuquerque, NM, USA.

Gawronski, B., Peters, K. R., &LeBel, E. P. (2008, February). *What makes mental associations personal or extra-personal? Conceptual issues in the methodological debate about implicit attitude measures.* Informal paper presented at the 8th Social Cognition Preconference at the 9th Annual Meeting of the Society for Personality and Social Psychology (SPSP), Albuquerque, NM, USA.

Gawronski, B., Peters, K. R., & LeBel, E. P. (2007, October). *Personal vs. extra-personal associations in implicit attitude measures: Conceptual issues in a methodological debate*. Informal paper presented at the annual Conference of the Society of Experimental Social Psychology (SESP), Chicago, IL, USA.

LeBel, E. P., & Gawronski, B. (2007, August). *I like it, but I wonder why: Causal attribution as a moderator of the relation between implicit and explicit evaluations.* Paper orally presented at the European Association for Personality Psychology (EAPP) summer school on implicit measures of personality, Bertinoro, Italy.

LeBel, E. P., & Gawronski, B. (2007, June). *I like my group because I like myself: Underlying mechanisms of implicit and explicit intergroup bias.* Poster presented at the annual Western-Waterloo Conference, University of Waterloo, Waterloo, Ontario, Canada.

LeBel, E. P., & Gawronski, B. (2007, January). *I like my group because I like myself: Underlying mechanisms of implicit and explicit intergroup bias.* Poster presented at the 8th annual Meeting of the Society for Personality and Social Psychology, Memphis, TN, USA.

Gawronski, B., LeBel, E. P., & Peters, K. P. (2006, October). *What do implicit measures tell us? Scrutinizing the validity of three common assumptions.* Informal paper presented at the annual Conference of the Society of Experimental Social Psychology (SESP), Philadelphia, PA, USA.

LeBel, E. P., & Gawronski, B. (2006, January). *Reasons versus feelings: Introspection and the relation between explicit and implicit attitudes.* Poster presented at the 7th annual Meeting of the Society for Personality and Social Psychology, Palm Springs, CA, USA.

LeBel, E. P. (2005, April). *Do unbeknownst good feelings protect people from bad thoughts? The effect of subliminal self-affirmation on stereotype activation.* Honor’s thesis orally presented at annual Ontario Honor’s Psychology Thesis Conference at Trent University, Peterborough, Ontario, Canada.

**TEACHING EXPERIENCE**

***Course Instructor*** 2014 (winter)

Experimental Psychology (Master’s level)

*Montclair State University*

***Course Instructor*** 2014 (winter)

Research Methods & Statistics (Undergraduate)

*Montclair State University*

***Course Instructor*** 2013 (fall)

Research Methods & Statistics (Undergraduate; Two sections)

*Montclair State University*

***Course Instructor*** 2011 (summer)

Psychology of Persuasion

*University of Western Ontario*

* Frequent use of rich multi-media content to augment learning
* Tailored discussion questions and essay assignments to student interests

***Course Instructor*** 2011 (winter)

Psychology of Persuasion

*University of Western Ontario*

* Updated course content including adding interactive components
* Updated written answer exam questions based on current events

**STUDENT SUPERVISION EXPERIENCE**

***Master’s Thesis Supervision*** 2014

Courtney Tobin, *Montclair State University*

***Independent Study Course Supervisor*** 2012 Artem Akopyan, *University of Western Ontario*

*Mechanisms Underlying the Affect Misattribution Procedure: An Independent Direct Replication and Extension*

* Topic examined in the context of methodological controversies in psychology (i.e., questionable research practices and the replication crisis)

***Honor’s Thesis Co-Supervisor***(in conjunction with Dr. Bertram Gawronski) 2007-2008

Julia Williams, *University of Western Ontario*

*The Effects of Personal Threat on Implicit and Explicit Intergroup Bias*

***Honor’s Thesis Co-Supervisor***(in conjunction with Dr. Bertram Gawronski) 2006-2007

Crystal Gregoire, *University of Western Ontario*

*Influencing Implicit Intergroup Bias via Evaluative Conditioning of the Self*

# EDITORIAL SERVICES

*Journal of Open Psychology Data* Editorial Board (2013-2017)

*Psychological Bulletin*  Adhoc Reviewer

*Journal of Experimental Psychology: Learning, Memory, & Cognition*  Adhoc Reviewer

*Journal of Research in Personality*  Adhoc Reviewer

*Personality and Social Psychological Bulletin*  Adhoc Reviewer

*Journal of Experimental Social Psychology*  Adhoc Reviewer

*Personal Relationships* Adhoc Reviewer

*Social Cognition* Adhoc Reviewer

*Social Psychological & Personality Science* Adhoc Reviewer

*Journal of Applied Social Psychology*  Adhoc Reviewer

*European Journal of Social Psychology* Adhoc Reviewer

*European Journal of Personality*  Adhoc Reviewer

*PLOS ONE* Adhoc Reviewer

*Educational Researcher*  Adhoc Reviewer

*Frontiers in Psychology*  Adhoc Reviewer

*Psychological Assessment*  Adhoc Reviewer

*Social Science Research*  Adhoc Reviewer

*The Psychology Record* Adhoc Reviewer

**CURRENT PROJECT**

**Curate Science**   
*Curation products for all research stakeholders.*

Every year, millions of people suffer and/or die from serious conditions like cancer, Alzheimer’s, heart disease, anxiety/mood disorders, and suicide. To make progress on these and other problems, funded scientific research must be, at minimum, **transparent and credible** (credible research is transparent evidence that survives scrutiny from peers). Transparent and credible evidence can then be built upon, allowing ever more precise theories/hypotheses to be tested (solid cumulative knowledge cannot be built on quicksand). Sadly, there is a growing body of credible evidence that a great deal of current academic research (if not the majority: [1](https://journals.plos.org/plosmedicine/article%3Fid%3D10.1371/journal.pmed.0020124), [2](https://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1001747)) is not minimally transparent nor credible ([1](https://pdfs.semanticscholar.org/3813/c9cb1bbbf699998b622fe4c8dbb02c9db482.pdf), [2](https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0200303), [3](https://www.nature.com/articles/tp2017203), [4](https://osf.io/preprints/metaarxiv/6uhg5/), [5](http://bioinformatics.sph.harvard.edu/ngs-workshops/documents/introduction/Nat%20Genet%202009%20Ioannidis.pdf), [6](https://www.federalreserve.gov/econresdata/feds/2015/files/2015083pap.pdf), [7](https://tomhardwicke.netlify.com/files/Hardwicke_reproducibility_2018.pdf), [8](https://psyarxiv.com/fk8vh/), [9](https://etiennelebel.com/documents/osc(2015,science).pdf), [10](https://www.nature.com/articles/nrd3439-c1), [11](https://www.nature.com/articles/483531a), [12](https://osf.io/8srcd/), [13](https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.1002165), [14](https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.1002333), [15](https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.2006930), [16](https://academic.oup.com/clinchem/article/63/5/963/5612947)).

[Curate Science](http://curatescience.org/) is an integrated system and platform to verify that research is **transparent and credible** (see [broad overview interactive diagram](https://etiennelebel.com/cs/cs-state-of-and-roadmap.html)). It allows researchers, journals, universities, and funders to ensure:

1. *Transparency*: Ensure research meets *minimum transparency standards* appropriate to the article type and methodologies used.
2. *Credibility*: Ensure follow-up scrutiny is linked to its parent paper, including critical commentaries, reproducibility/robustness re-analyses, and new sample replications.

By ensuring **transparency and credibility**, research stakeholders will be held accountable to the people/groups they serve, which has large potential to unleash a new era of unparalleled scientific progress, applied innovations, and human flourishing (for more details, see [this hyperlinked interactive](https://etiennelebel.com/cs/cs-state-of-and-roadmap.html) diagram, which visually summarizes our current state and roadmap).

**MEDIA COVERAGE OF RESEARCH**

[The Science ‘Reproducibility Crisis’ – And What Can Be Done About It](https://theconversation.com/the-science-reproducibility-crisis-and-what-can-be-done-about-it-74198) (*The Conversation*, March 15, 2017)

[How the Reproducibility Crisis in Academia is Affecting Scientific Research](https://www.forbes.com/sites/quora/2017/02/09/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](http://www.huffingtonpost.com/quora/why-academic-research-is_b_14664298.html) (*Huffington Post*, February 9, 2017)

[Why is so much research dodgy?](https://www.theguardian.com/higher-education-network/2016/oct/17/why-is-so-much-research-dodgy-blame-the-research-excellence-framework) (*The Guardian*, October 17, 2016)

[The 7 biggest problems facing science, according to 270 scientists](https://www.vox.com/2016/7/14/12016710/science-challeges-research-funding-peer-review-process) (*Vox*, September 7, 2016)

[We need to talk about the bad science being funded](http://theconversation.com/we-need-to-talk-about-the-bad-science-being-funded-61916) (*The Conversation*, July 18, 2016)

[Why so much science research is flawed -- and what to do about it](https://www.newscientist.com/article/mg23030690-500-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?](http://www.slate.com/articles/health_and_science/science/2016/03/the_psychology_replication_crisis_could_be_due_to_sketchy_practices_in_the.html) (*Slate Magazine*, March 21, 2016)

[Does social science have a replication crisis?](https://www.washingtonpost.com/news/monkey-cage/wp/2016/03/09/does-social-science-have-a-replication-crisis/) (*The Washington Post*, March 9, 2016)

[The six most interesting psychology papers of 2015](http://www.newyorker.com/science/maria-konnikova/the-six-most-interesting-psychology-papers-of-2015) (*The New Yorker*, December 26, 2015)

[Whistle-blower scientist wins $10K prize](http://www.lfpress.com/2015/12/14/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.](https://www.theatlantic.com/science/archive/2015/12/make-science-more-reliable-win-cash-prizes/419781/) (*The Atlantic*, December 10, 2015)

[Taxpayer-funded research agencies 'need to wake up'](http://www.lfpress.com/2015/09/20/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](http://www.lfpress.com/2015/09/04/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](http://www.pressreader.com/canada/ottawa-citizen/20150905/282243779363488) (*Ottawa Citizen*, September 5, 2015)

[Scientists' claims fail rebel's smell test](http://www.theobserver.ca/2015/09/04/london-scientist-etienne-lebel-has-exposed-questionable-work-of-senior-researchers) (*Sarnia Observer*, September 5, 2015)

[We tried to reproduce 100 published psychological studies -- the results were abysmal](http://news.nationalpost.com/news/world/we-found-only-one-third-of-published-psychology-research-is-reliable-now-what) (*National Post*, August 28, 2015)

[Of 100 Published Psychology Studies, Less Than Half Could Be Reproduced Successfully](http://www.popsci.com/scientists-attempted-reproduce-100-psychology-studies-and-succeeded-less-half-time) (*Popular Science*, August 27, 2015)

[Study delivers bleak verdict on validity of psychology experiment results](https://www.theguardian.com/science/2015/aug/27/study-delivers-bleak-verdict-on-validity-of-psychology-experiment-results) (*The Guardian*, August 27, 2015)

[How Reliable Are Psychology Studies?](https://www.theatlantic.com/science/archive/2015/08/psychology-studies-reliability-reproducability-nosek/402466/) (*The Atlantic*, August 27, 2015)

[Replication Gone Wrong](http://www.the-scientist.com/?articles.view/articleNo/40096/title/Replication-Gone-Wrong/) (*The Scientist*, May 29, 2014)

[Cleaning up science](http://www.newyorker.com/news/news-desk/cleaning-up-science) (*The New Yorker*, December 21, 2012)

[Can We Trust Psychological Research?](http://ideas.time.com/2012/07/17/can-we-trust-psychological-research/)(*Time Magazine*, July 17, 2012)

**REFERENCES**

**Dr. Hal Pashler, Ph.D.**

Department of Psychology

University of California – San Diego

Mandler 2511

9500 Gilman Drive

La Jolla, CA, USA, 92093

Phone number: (858) 534-3974

E-mail address: hpashler@ucsd.edu

**Dr. E-J Wagenmakers, Ph.D.**

Department of Psychology

University of Amsterdam

Nieuwe Achtergracht 129-B

1018 VZ Amsterdam

The Netherlands

Phone number: 0205256420

E-mail address: EJ.Wagenmakers@gmail.com

**Dr. Lorne Campbell, Ph.D.**

Department of Psychology

University of Western Ontario

Social Science Centre, Room 6328

London, Ontario, Canada N6A 5C2

Phone number: (519) 661-2111 ext. 84904

E-mail address: lcampb23@uwo.ca

**Transparency badges legend**

= Study design & analyses preregistered (badge hyperlinked to preregistered protocol)



= Study materials publicly available (badge hyperlinked to open content)



= Data publicly available (badge hyperlinked to open content)



= Analysis code publicly available (badge hyperlinked to open content)  
C:\Users\Etienne LeBel\AppData\Local\Microsoft\Windows\INetCache\Content.Word\repstd.png = Reporting guideline used &/or basic reporting declared (i.e., competing interests & funding sources declared)

