

ETIENNE P. LEBEL, PHD

KU LEUVEN, FACULTY OF PSYCHOLOGY AND EDUCATIONAL SCIENCES

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SUMMARY

I investigate the credibility of scientific research. My current efforts are focused on [Curate Science](#), 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](#) 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](#)).

BOOKS

POWERED BY 

Metric calibration of psychological instruments: Utility and feasibility

EP LeBel (2011)

Saarbrücken, Germany: LAP Lambert Academic Publishing

[PDF](#)

[Buy on Amazon.com](#)



† see [here](#) for transparency badges legend

PUBLICATIONS (Peer-reviewed; for interactive publication list, see [my Curate Scholar page](#))

A brief guide to evaluate replications

EP LeBel, W Vanpaemel, I Cheung, & L Campbell (2019)

Meta-Psychology

[PDF](#)

[PsyArXiv preprint](#)



A unified framework to quantify the credibility of scientific findings

EP LeBel, R McCarthy, B Earp, M Elson, & W Vanpaemel (2018)

Advances in Methods and Practices in Psychological Science

[PDF](#)

[PsyArXiv preprint](#)



Falsifiability is not optional

EP LeBel, D Berger, L Campbell, & TJ Loving (2017)

Journal of Personality and Social Psychology

[PDF](#)

[PsyArXiv preprint](#)



Benefits of open and high-powered research outweigh costs

EP LeBel, L Campbell, & TJ Loving (2017)

Journal of Personality and Social Psychology

[PDF](#)

[PsyArXiv preprint](#)



Complex phenomena require sophisticated designs: Why we shouldn't give up on replicability

M Heino, EI Fried, & EP LeBel (2017)

Frontiers in Psychology



[PDF](#)

[HTML](#)

[PsyArXiv preprint](#)

Psychological and institutional obstacles toward more transparent reporting of psychological science

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.



[PDF](#)

[Buy from Wiley.com](#)

Registered Replication Report of Finkel, Rusbult, Kumashiro, & Hannon's (2002) Study 1

I Cheung, L Campbell, EP LeBel, ... , & Yong, J. C. (2016)

Perspectives on Psychological Science



[PDF](#)

[HTML](#)

Estimating the reproducibility of psychological science

AA Aarts, ... , EP LeBel, ... , BA Nosek (2015)

Science



†Paper covered by more than 100 news articles.

[PDF](#)

[PsyArXiv preprint](#)

A new replication norm for psychology

EP LeBel (2015)

Collabra



[PDF](#)

[HTML](#)

Replication difficulties of Correll's (2008) modulation of 1/f noise in a racial bias task

C Madurski & EP LeBel (2015)

Psychonomic Bulletin & Review



[PDF](#)

[PsyArXiv preprint](#)

Madness in the method: Fatal flaws in triple-blind mediumship research

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



[Buy on Amazon.com](#)

Enhancing transparency of the research process to increase accuracy of findings: A guide for relationship researchers

L Campbell, TJ Loving, & EP LeBel (2014)

Personal Relationships



[PDF](#)

[SSRN preprint](#)

Big secrets do not necessarily cause hills to appear steeper[PDF](#)

EP LeBel & CJ Wilbur (2014)

Psychonomic Bulletin & Review**The Reproducibility Project: A model of large-scale collaboration for empirical research on reproducibility**[PDF](#)[Buy on Amazon.com](#)

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](#)

EP LeBel & L Campbell (2013)

Psychological Science**PsychDisclosure.org: Grassroots support for reforming reporting standards in psychology**[PDF](#)

EP LeBel, D Borsboom, KR Peters, ... , & CT Smith (2013)

Perspectives on Psychological Science†Initiative mentioned in [New Yorker piece on improving science.](#)**The interactive role of implicit and explicit partner evaluations on ongoing affective and behavioral romantic realities**[PDF](#)

EP LeBel & L Campbell (2013)

Social Psychological and Personality Science**An open, large-scale, collaborative effort to estimate the reproducibility of psychological science**[PDF](#)

AA Aarts, ... , EP LeBel, ... , & BA Nosek (2012)

Perspectives on Psychological Science**Socially desirable responding and its elusive effects on the validity of personality assessments**[PDF](#)

SV Paunonen & EP LeBel (2012)

Journal of Personality and Social Psychology**Name-letter preferences for new last name and abandoned birth name initials in the context of name-change via marriage**[PDF](#)

S Stieger & EP LeBel (2012)

Social Psychology

Fearing the future of empirical psychology: Bem's (2011) evidence of psi as a case study of deficiencies in modal research practice[PDF](#)

EP LeBel & KR Peters (2011)

Review of General Psychology†Research covered in [Time magazine Ideas section](#).**Sexy but often unreliable: Impact of unreliability on the replicability of experimental findings involving implicit measures**[PDF](#)

EP LeBel & SV Paunonen (2011)

Personality and Social Psychology Bulletin**Attitude accessibility as a moderator of implicit and explicit self-esteem correspondence**[PDF](#)

EP LeBel (2010)

Self and Identity**Attentional influences on affective priming: Does categorization influence spontaneous evaluations of multiply categorizable objects?**[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](#)

EP LeBel & B Gawronski (2009)

European Journal of Personality**Implicit partner affect, relationship satisfaction, and the prediction of romantic breakup**[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](#)

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](#)

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](#)

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](#)

B Gawronski, & EP LeBel (2008)

*Journal of Experimental Social Psychology***What do implicit measures tell us? Scrutinizing the validity of three common assumptions.**[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](#)

C Tobin & EP LeBel (2014)

Unpublished manuscript, Montclair State University**Mechanism heterogeneity in the Affect Misattribution Procedure**[Preprint](#)

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 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](#).

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]

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) <i>Social Sciences and Humanities Research Council (SSHRC)</i>	2006-2007
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) <i>University of Waterloo</i>	2005
Certificate of Academic Excellence, Honor's Thesis <i>Canadian Psychological Association</i>	2005
Honor's Thesis Award, Department of Psychology <i>University of Waterloo</i>	2005
Weyerhaeuser Canadian National Scholarship (Value: CAD\$8,000.00)	2000-2004

EDUCATION

Ph.D., Social Psychology University of Western Ontario	2007-2011
<ul style="list-style-type: none"> Dissertation title: <i>The Utility and Feasibility of Metric Calibration for Basic Psychological Research</i> 	
M.Sc., Social Psychology University of Western Ontario	2005-2007
<ul style="list-style-type: none"> Master's thesis title: <i>Underlying Mechanisms of Implicit and Explicit Intergroup Bias</i> 	
B.A., Honors Psychology Program University of Waterloo	2000-2005
<ul style="list-style-type: none"> Honor's thesis title: <i>The Effect of Subliminal Self-Affirmation on Stereotype Activation</i> 	

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 Antonio, 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 Antonio, 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

<i>Journal of Open Psychology Data</i>	Editorial Board (2013-2017)
<i>Psychological Bulletin</i>	Adhoc Reviewer
<i>Journal of Experimental Psychology: Learning, Memory, & Cognition</i>	Adhoc Reviewer
<i>Journal of Research in Personality</i>	Adhoc Reviewer
<i>Personality and Social Psychological Bulletin</i>	Adhoc Reviewer
<i>Journal of Experimental Social Psychology</i>	Adhoc Reviewer
<i>Personal Relationships</i>	Adhoc Reviewer
<i>Social Cognition</i>	Adhoc Reviewer
<i>Social Psychological & Personality Science</i>	Adhoc Reviewer
<i>Journal of Applied Social Psychology</i>	Adhoc Reviewer
<i>European Journal of Social Psychology</i>	Adhoc Reviewer
<i>European Journal of Personality</i>	Adhoc Reviewer
<i>PLOS ONE</i>	Adhoc Reviewer
<i>Educational Researcher</i>	Adhoc Reviewer
<i>Frontiers in Psychology</i>	Adhoc Reviewer
<i>Psychological Assessment</i>	Adhoc Reviewer
<i>Social Science Research</i>	Adhoc Reviewer
<i>The Psychology Record</i>	Adhoc Reviewer

CURRENT PROJECT

Curate Science *Transparent and Credible Evidence.*

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 the majority of current academic research is not minimally transparent nor credible ([1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), [9](#), [10](#), [11](#), [12](#), [13](#)).

Curate Science is an integrated system and platform to verify that research is **transparent and credible**. 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 the [falsifiability-informed framework](#) that guides the implementation of our platform and [upcoming features and platform roadmap](#)).

MEDIA COVERAGE OF RESEARCH

[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)

[The six most interesting psychology papers of 2015](#) (*The New Yorker*, December 26, 2015)

[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)

[Replication Gone Wrong](#) (*The Scientist*, May 29, 2014)

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

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

REFERENCES

Dr. Hal Pashler, Ph.D.

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 University of California – San Diego
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 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)



= Reporting guideline used &/or basic reporting declared (i.e., competing interests & funding sources declared)