Changing incentives toward transparency

Brian Nosek
University of Virginia -- Center for Open Science
Technology to *enable* change

Training to *enact* change

Incentives to *embrace* change
Project management with collaborators, project sharing with the public

The Open Science Framework (OSF) supports the entire research lifecycle: planning, execution, reporting, archiving, and discovery.
"I request that the authors add a statement to the paper confirming whether, for all experiments, they have reported all measures, conditions, data exclusions, and how they determined their sample sizes. The authors should, of course, add any additional text to ensure the statement is accurate. This is the standard reviewer disclosure request endorsed by the Center for Open Science [see http://osf.io/hadz3]. I include it in every review."

Change: *Individuals*
Change: **Societies and Funders**

- **American Economic Association**
- **NSF**
- **Bill & Melinda Gates Foundation**
- **APS** Association for Psychological Science
- **lJaf** Laura and John Arnold Foundation
- **APSA** American Political Science Association
- **NIH** National Institutes of Health
COS Communities

Community

Resources

Evaluation
Signals: Making Behaviors Visible Promotes Adoption

- OPEN DATA
- OPEN MATERIALS
- PREREGERISTERED
This Week in *Psychological Science* (TWiPS)

The links below take you to the journal via the APS website. If not already logged in, you will be redirected to log-in using your last name (Nosek) and Member ID (16341).

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**Call for Editor Nominations**

*Psychological Science in the Public Interest*

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**The Pen Is Mightier Than the Keyboard: Advantages of Longhand Over Laptop Note Taking**

*Pam A. Mueller and Daniel M. Oppenheimer*

It's becoming more and more common for students to type their notes on laptops rather than writing them out in longhand. In the first of several studies, the authors examined the effects of laptop note taking by having participants take notes on a TED talk using a laptop computer or a notepad. Thirty minutes later, the participants answered factual-recall and conceptual-application questions about the lecture. Those who took notes on laptops performed worse on conceptual-application questions -- but not on factual-recall questions. Follow-up studies indicated that although people with laptops take more notes, they tend to copy the information verbatim and therefore process the information less than do longhand note takers.

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**Gratitude: A Tool for Reducing Economic Impatience**

*David DeSteno, Ye Li, Leah Dickens, and Jennifer S. Lerner*

It is well-known that people are generally impatient and prefer immediate rewards to future rewards. To examine whether certain emotions could reduce people's economic impatience, researchers asked participants to recall events that made them feel...
Case Study: Psychological Science 2014

- Open Data
- Open Materials
- Preregistered

Research Article

The Rules of Implicit Evaluation by Race, Religion, and Age

Jordan R. Axt¹, Charles R. Ebersole¹, and Brian A. Nosek¹,²
¹Department of Psychology, University of Virginia, and ²Center for Open Science, Charlottesville, Virginia

~140 Articles  ~36 Applied  32 Awarded 1 or more badges
COS Community: Badges

Badges to Acknowledge Open Practices

Contributors: Ben B. Blohowiak, Johanna Cohoon, Lee de-Wit, Eric Eich, Frank J. Farach, Roger Giner-Sorolla, Fred Hasselman, Alex O. Holcombe, Macartan Humphreys, Melissa Lewis, Brian A. Nosek, Jonathan Peirce, Jeffrey R. Spies, Chris Seto, Sara Bowman, Don Green, Gustav Nilsonne, Jon Grahe, Stephanie Wykstra, Alicia Hofelich Mohr, Andrew Sallans

Cortex
Human Computation
Psychological Science
European Journal of Personality
Journal of Research in Personality
Psi Chi Journal of Psych. Research
Social Psychology
Registered Reports

Design → Collect & Analyze → Report → Publish

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Good Practices Template for Journals
Sharing data and materials

Replication

Disclosure Standards

Pre-registration
In Development

Good Practices Template for Journals
Journal Scorecards
University hiring and tenure standards