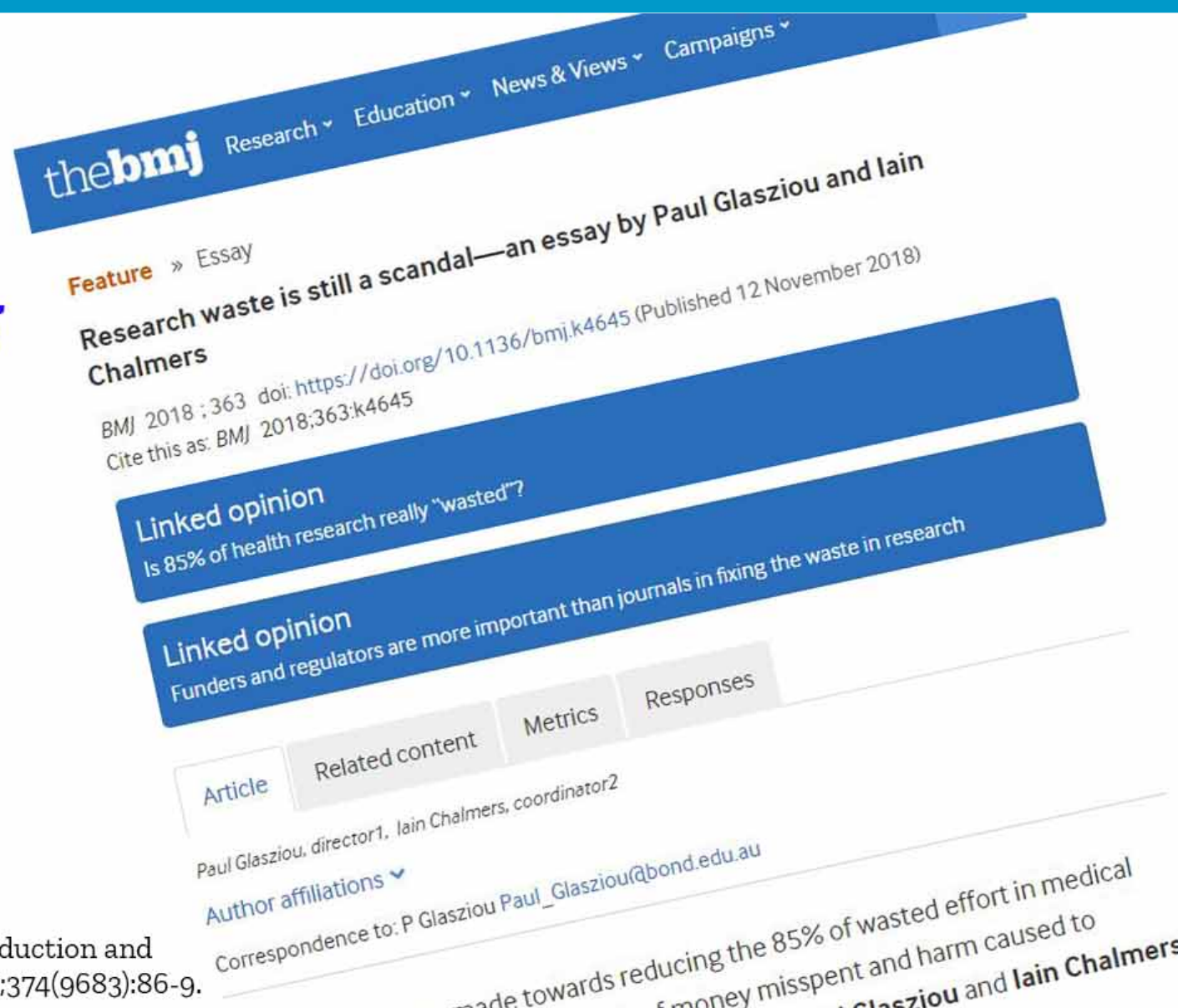


Registered Reports in Psychology

85%
of all health
research is being
avoidably
"wasted"



The New York Times

SCIENCE TIMES AT 40

Andrew Gelman, Nov. 19, 2018

Essay: The Experiments
Are Fascinating. But
Nobody Can Repeat Them.

Science is mired in a "replication" crisis. Fixing it will not be easy.

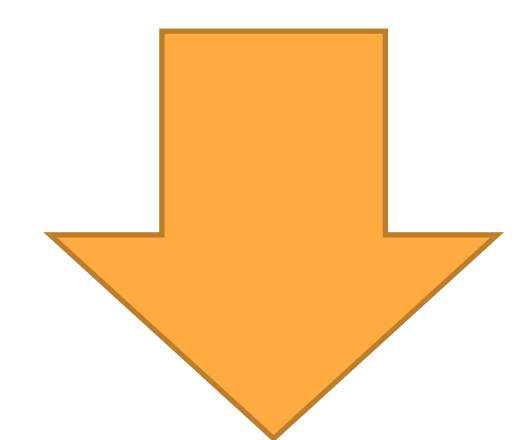
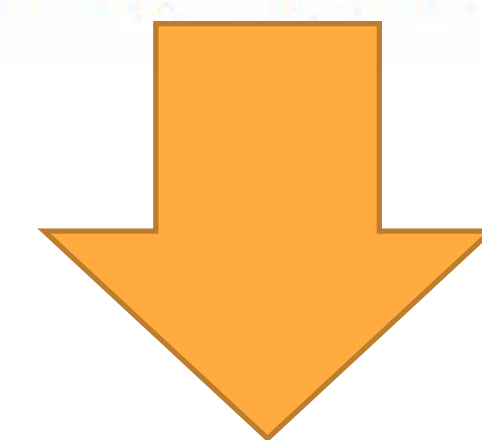
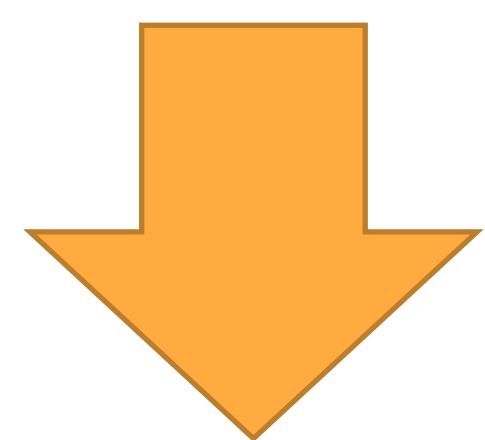
ScienceNews

MAGAZINE OF THE SOCIETY FOR SCIENCE & THE PUBLIC

SCIENCE & THE PUBLIC PSYCHOLOGY, SCIENCE & SOCIETY

'Replication crisis' spurs
reforms in how science
studies are done

BRUCE BOWER AUG. 27, 2018



Waste of (public) money, negative effects on public trust in science!

Overcoming these hurdles

Transparency ◇ Challenge findings ◇ Stop publication bias ◇ Improve methodology ◇ Preregistration

Define the research questions and analysis plan prior to observing the research outcomes; deposit the protocol in a registry.

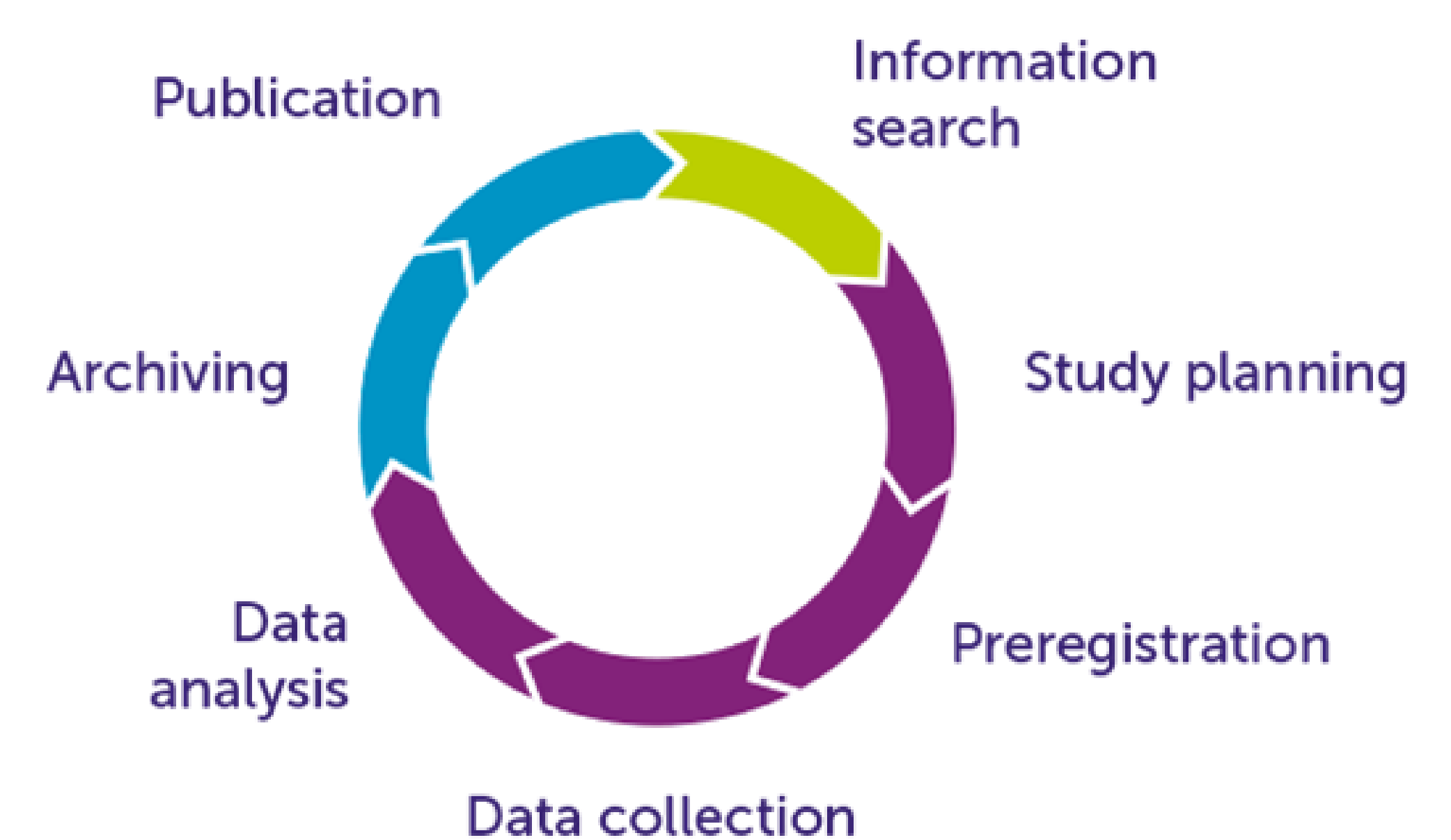
Unfortunately, adoption rate is still very low. Reasons could be:

- Ambiguous reward systems for the stakeholders involved (publishers, editors, authors)
- A lack of integration of preregistered protocols into research and publication workflows
- Missing decision aids in case of deviations from the preregistered methodology

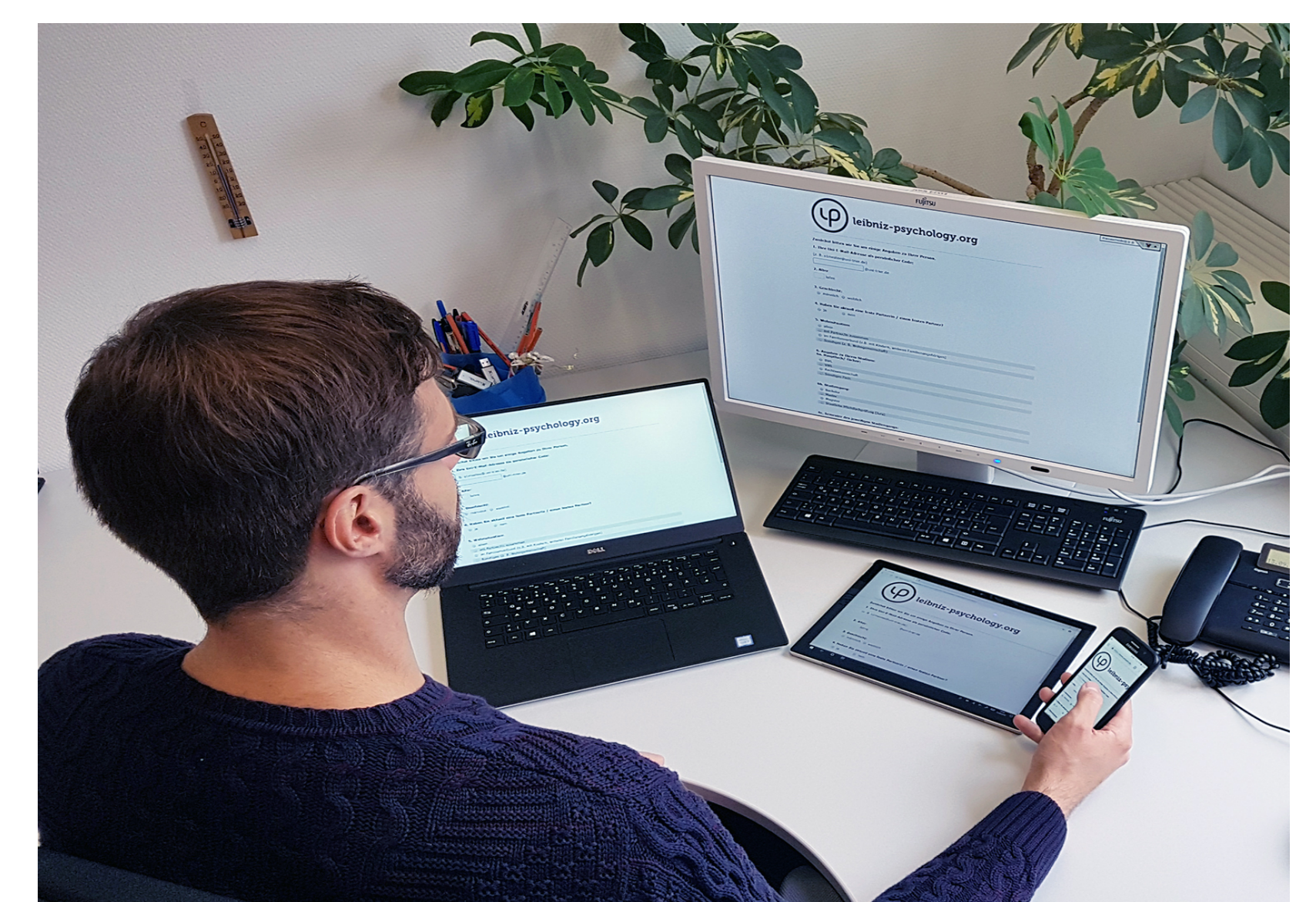
Solution: Offer preregistration services

Preregistration services at the Leibniz Institute for Psychology Information (ZPID)

- A searchable and trusted registry (PsychArchives)
- Support for easy creation and deposit of protocols into a disciplinary repository (in preparation)
- Free data collection in ZPID online and offline labs as a reward for preregistering protocols in the ZPID registry (incentive)
- Support for reviewers to detect deviations from the pre-registered protocol (in preparation)



Preregistration as an element of the research cycle



ZPID Lab

👉 Help Preregistration Becoming the Norm in (Psychological) Science 👈