

STANFORD CTSA PROGRAM ON RESEARCH RIGOR & REPRODUCIBILITY (SPORR)

*In collaboration with Duke, Indiana, Harvard and Columbia,
cordially invites you to the 8th*

Reproducibility Rounds

How Reproducible is Health Science Research?

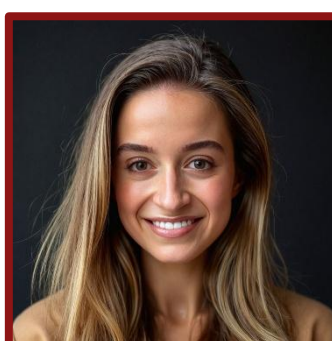
Tuesday, November 18, 2025
9 am PT | 12 pm ET | 6 pm CET

[Registration Link](#)

Speakers:



Niklas Bobrovitz,
MD, MSc, DPhil is a
third-year emergency
medicine resident in
the FRCPC program and
a research associate in
the Centre for Health
Informatics at the
University of Calgary.



Stephana Moss,
MSc, PhD, is an assistant
professor and research
chair in community-based
research and health equity
as well as the director of
research in medicine in
department of pediatrics
at Dalhousie University.

Abstract: We will discuss the methods, results, and implications of a series of scoping and systematic reviews that synthesized evidence on the reproducibility of health science research. Specific aims of the projects included describing and categorizing methods and metrics used to quantify reproducibility, synthesizing estimates of the prevalence of reproducible research, and characterizing factors associated with reproducibility. We will describe our dataset of 1,340 articles with a focus on the sub-set with empirical data. We will report on the seven methods used for conducting reproducibility research, 38 metrics to quantify reproducibility, 180 estimates of the prevalence of reproducibility, and 234 factors associated with reproducibility which we grouped into modifiable and non-modifiable categories. Finally, we will discuss the significant heterogeneity in the evidence and challenges in synthesizing this data.

Reproducibility Rounds, produced in collaboration with representatives from multiple CTSA hubs, is a **bimonthly webinar**, designed to foster an exchange of experiences and ideas between institutions, researchers and other stakeholders about how to improve biomedical research rigor and reproducibility. Rounds will be interactive. Future sessions and recordings of past rounds can be found on the SPORR website.

[Interested in contributing? Contact us at sporr@stanford.edu.](mailto:sporr@stanford.edu)

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