CARMA Short Course
June 18-19, 2025

Pre-Registration: Introduction into the Why, How, and Where to Pre-Register Management and Applied Psychology Research

Principal Instructor

Roman Briker
Maastricht University
r.briker@maastrichtuniversity.nl

Expert Speakers

Daniel Lakens
TU Eindhoven
d.lakens@tue.nl

Tamarinde L. Haven
Tilburg University
t.l.haven@tilburguniversity.edu

George C. Banks
University of North Caroline, Charlotte
gbanks3@charlotte.edu

Course Description

Pre-registration is increasingly becoming the norm and even requirement for many journals, programs, and scholarly practices. Yet, many scholars still are unsure or unaware why and how they should pre-register their studies. This short course teaches scholars (1) why they should pre-register their studies, (2) how they can pre-register their studies (on common platforms including the Open Science Framework and AsPredicted.Org), (3) navigating common pitfalls and best practices for conducting and evaluating pre-registrations (across methodologies and disciplines). The workshop will also feature short, hands-on talks and Q&A sessions with three renowned scholars with extensive pre-registration experiences.

Wednesday June 18

By Roman Briker

10:00 – 12:30

- Introduction into the need for pre-registration
- Understanding pre-registrations
- Navigating pre-registrations on the OSF and AsPredicted.Org

13:00 – 15:00

- Pre-Registration in Practice: Mock Pre-Registration
- Success strategies and pitfalls when conducting pre-registration
- Evaluating Sample Pre-Registrations in Top-Journals and Peer-Review
- Discussing the Future of Pre-Registrations and Registered Reports

Thursday June 19

10:00 – 10:30

- Reflections on Day 1 and Outlook 2 Day (Roman Briker)

10:30 – 11:30

- Why and How to Deviate from Pre-Registrations (Daniël Lakens)

11:30 – 12:15

- Navigating Pre-Registration in Qualitative Work (Tamarinde Haven)

12:30 – 13:30

- Pre-Registration: Insights from Editorial and Author Angles (George Banks)

13:30 – 14.00

- Reflections and Concluding Remarks (Roman Briker)

INSTRUCTORS AND SPEAKERS

Roman Briker is an Assistant Professor in Organizational Behavior & HRM at Maastricht University (The Netherlands). Roman received his Ph.D. in Organization & HRM from Justus-Liebig-University Giessen (Germany) and was a visiting scholar at TCU (Texas) in. He investigates the psychology of human-human and human-machine social influence processes, time (pressure) at work, and meta- and data science methods. He is also the Open Science Ambassador at Maastricht University. His research has received several prestigious awards (Marie Curie Fellowship, Best Junior Researcher, Best Overall Paper OB Division at the Academy of Management Conference 2022, Best Dissertation Award) and has been published in prestigious journals like Science Advances, Organizational Research Methods, Personnel Psychology, and Journal of Management.

Daniël Lakens is an Associate Professor in the Human-Technology interaction group at Eindhoven University of Technology (TU/e). His areas of expertise include meta-science, research methods and applied statistics. Daniel's main lines of empirical research focus on conceptual thought, similarity, and meaning. He also focuses on how to design and interpret studies, applied (meta)-statistics, and reward structures in science. A large part of his work deals with developing methods for critically reviewing and optimally structuring studies.
Daniel has a background in experimental psychologist and received his PhD from Utrecht University in 2010. Daniel's research is funded by an NWO VIDI grant for a project that aims to improve the reliability and efficiency of psychological science. He has also convinced NWO to start a pilot project with grants dedicated to replication research. He teaches an online MOOC on 'Improving Your Statistical Inferences', and won a TU/e Teacher of the Year award in 2014. He has given over 40 workshops on open science and improving research practices, co-edited a special issue consisting of pre-registered replication studies with Brian Nosek.

Tamarinde Haven is Assistant Professor of Research Methodology for the Social Behavioural Sciences. She has a background in psychology, philosophy and epidemiology. Her PhD focused on fostering a responsible research climate for integrity. After that, she worked as a postdoc at Charité - Universitätsmedizin Berlin where she started her research into responsible supervision. This led to a Rubicon grant from the Dutch Research Council (NWO) for a research stay at Aarhus University to further investigate the concept of responsible supervision. She recently received the VENI grant from the NWO. Dr. Haven's research interests include research integrity, methodology, open science, and qualitative and mixed methods research.

George C. Banks is chair and professor in the Department of Management at UNC Charlotte's Belk College of Business. He is also an affiliate faculty member of the Organizational Science Ph.D. program, the School of Data Science, and Industrial/Organizational Psychology master's program. Dr. Banks has over 60 publications, including journal articles in top-tier outlets, such as Science, Psychological Bulletin, Nature Human Behavior, Journal of Management, and Academy of Management Journal. He currently serves as a senior associate editor for The Leadership Quarterly, special issue editor for Organizational Research Methods and is on the editorial boards at Journal of Management, Organizational Research Methods, Journal of Business and Psychology, and Human Resource Management Review. He has received several awards for his research, including: the 2017 Sage Publications/CARMA Early Career Award

from the Research Methods Division of the Academy of Management, and the 2016 Best Paper award from The Leadership Quarterly/Center for Creative Leadership. He was also one of four 2016 Best Paper Award nominees for the Academy of Management Journal.

REFERENCES

Banks, G. C., Field, J. G., Oswald, F. L., O'Boyle, E. H., Landis, R. S., Rupp, D. E., & Rogelberg, S. G. (2019). Answers to 18 questions about open science practices. *Journal of Business and Psychology, 34*, 257–270. https://doi.org/10.1007/s10869-018-9547-8

Briker, R., & Gerpott, F. H. (2024). Publishing registered reports in management and applied psychology: Common beliefs and best practices. *Organizational Research Methods, 27*(4), 588–620. https://doi.org/10.1177/10944281231210309

Haven, T. L., & Van Grootel, D. L. (2019). Preregistering qualitative research. *Accountability in Research*, 26(3), 229–244. https://doi.org/10.1080/08989621.2019.1580147

Lakens, D. (2024). When and how to deviate from a preregistration. *Collabra: Psychology*, *10*(1). https://doi.org/10.1525/collabra.117094

Logg, J. M., & Dorison, C. A. (2021). Pre-registration: Weighing costs and benefits for researchers. *Organizational Behavior and Human Decision Processes, 167*, 18–27. https://doi.org/10.1016/j.obhdp.2021.05.006

Nosek, B. A., Ebersole, C. R., DeHaven, A. C., & Mellor, D. T. (2018). The preregistration revolution. *Proceedings of the National Academy of Sciences, 115*(11), 2600–2606. https://doi.org/10.1073/pnas.1708274114

Simmons, J. P., Nelson, L. D., & Simonsohn, U. (2021). Pre-registration: Why and how. *Journal of Consumer Psychology, 31*(1), 151–162. https://doi.org/10.1002/jcpy.1208