Workshop (Via Zoom)

Endorsing open-science and supporting a science “credibility revolution”: Challenges, benefits, and practical tools and tips for early career and experienced researchers

4:00 p.m. – 7:00 p.m. | March 22, 2021 (Monday)

Dr. Gilad Feldman
Assistant Professor
Department of Psychology
The University of Hong Kong

Abstract

In this 3-hour workshop, I aim to help researchers better understand and consider endorsing open-science. I will introduce the current challenges in science and the need for a “credibility revolution”, for us to self-reflect, assess, and improve our science practices. I will then outline the main challenges, possible pitfalls, and potential benefits in doing open-science. Finally, I will briefly demonstrate an array of practical tools and practices that researchers can undertake in their own research. I will share my own journey and my experience regarding open-science, in training undergraduates in coursework, supervising guided thesis students, and working with our growing early career researcher network.

Open-science topics covered:
- Pre-registrations, power analyses and Registered Reports (briefly, covered in depth in a separate workshop)
- Replications and extensions (briefly, covered in depth in a separate workshop)
- High-quality open peer review, assessments of existing research, and red-teams
- Openly sharing research workflow, datasets, and code
- Open collaboration and community: contributorship (CRediT Contributor Roles Taxonomy)
- Meta-science
- Change in assessment of researchers (hiring, promotion, impact)
- Move to and support of community open source tools (e.g., R/JAMOVI/JASP, etc.)
- Preprints and a bit about open access

Previous open-science workshops can be found on:
https://www.youtube.com/playlist?list=PLRAF6P3W1K4cvLnkXXHb0jFUR-OwVcJ9k

Open science tools and resources developed: https://mgto.org/pre-registered-replications/#getinvolved

Suggested readings:

Please do go over the resources and prepare questions you’d like me to address in the workshop. Feel free to email me in advance at gfeldman@hku.hk if there’s a specific concern or practicality you’d like me to address.

Register in advance for this meeting: https://hku.zoom.us/meeting/register/tJMvc-2vqisuH9L5yguarp-Dl04g5_fayRbj

After registering, you will receive a confirmation email containing information about joining the meeting.

~All are Welcome~

Enquiry: gfeldman@hku.hk | Dr. Gilad Feldman