**Open Science Student Support Group: Facilitator's Guide**

Thank you for participating in an Open Science Student Support Group session! This guide will outline what the session is about, challenges based the session topic, the session agenda with key roles outlined for each agenda item, discussion questions for each round, and facilitation tips.

**Session topic:** Intro to Open Science

**Date:** October 9, 2020

**Time:** 4pm - 6pm

**Location:** Zoom (registration required to access link)

**Presenter:** Gwen van der Wijk

**Main facilitator:** Emiko Muraki

**Chat facilitator:** Chelsea Moran

**Breakout facilitator(s):**

**Session description:**

Not sure what Open Science is about? Or maybe you do, but don’t know where to get started with making your own research more ‘open’? Join our first session to get an overview of different open science practices, why such practices are crucial for advancing psychological science, what the benefits and risks of these practices are and how you can start implementing such practices into your research! With lots of discussion and challenges of different difficulty levels, there will be something to gain for everyone!

**Challenges:**

**Easy:** Share this article with your lab and discuss what/how you can all start incorporating open science practices

**Medium:** Pick one open science practice and make a plan for how to start incorporating it into your everyday work

**Hard:** Order the open science practices included in this article according to your priorities/relevance to your projects, and how easy/hard it would be to implement, and make a plan to start implementing these one by one. Start with practices that are both easy and important, and work your way to the harder, less relevant practices.

**Session agenda**

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| --- | --- | --- | --- |
| **Time** | **Length** | **Item** | **Resources** |
| 4pm | ~5 min | Welcome and introduction  Land acknowledgement | Main facilitator |
| 4:05pm | ~15 - 30min | Round 1 (full group)  Introductions   * Name * Pronouns * Research lab/supervisor * Interests (academic and otherwise) * What do you know about open science? | Main facilitator |
| 4:35pm | ~10 - 20 min | Presentation | Presenter |
| 4:55pm | ~10 min | Questions to the Presenter | Main facilitator  Chat facilitator |
| 5:05pm | ~20 min | Round 2 (breakouts)   * Do you have any questions about today's topic? * What is the most important practice we have discussed today for you? | Main facilitator  Chat facilitator  Breakout facilitators |
| 5:25pm | ~30 min | Round 3 (breakouts)   * How do these practices relate to your own projects? * What practices would you like to incorporate into your everyday work? | Main facilitator  Chat facilitator  Breakout facilitators |
| 5:55pm | ~5 min | Wrap up   * Closing ritual/positive example of open science * Introduce topic for next session | Main facilitator |

**Topic resources:**

**Papers:**

Kathawalla et al., 2020: Easing Into Open Science: A Tutorial for Graduate Students

**Videos:**

https://www.youtube.com/watch?v=KoyEfw\_gwFY

https://www.youtube.com/watch?v=c-bemNZ-IqA

Interview with Alexandra Elbakyan on Sci-hub project and open access to scientific papers:

https://www.youtube.com/watch?v=dz1Uj20tZvs

Brian Nosek on open science (creator of OSF?):

https://www.youtube.com/watch?v=DBGvZ0ni5Tk

Dr. Siouxsie Wiles, the University of Auckland, New Zealand on Open Science:

https://www.youtube.com/watch?v=7\_9y3wbUgzU

**Facilitation tips (adapted from** [**Facilitating Group Discussions**](https://web.stanford.edu/group/resed/resed/staffresources/RM/training/facilguide.html#situs)**)**

* If the discussion isn't flowing, ask follow-up and/or probing questions, such as:
* "Can you say a little more about..."
* "Can you give us an example?"
* Offer a comment and ask for agreement or disagreement from the group
* If someone is monopolizing the discussion, try redirecting with statements like:
* "I'd like to hear what others have to say about that" referring to what the speaker just said
* Ask another person a question when the speaker takes a pause
* Explain that you appreciate their viewpoint, but you would like to make sure everyone has a chance to contribute
* If someone keeps changing the subject or goes on tangents:
* "That's really interesting, how do you feel about...." and then redirect to the topic
* If people keep interrupting:
* Try to manage the conversation order, such as "Okay, first Sarah, then Randy, then Marie"
* Try to re-establish the conversation order "You make an interesting point. I'd like to finish hearing from Renee, and then I know that Tom wanted to add thoughts as well"
* If there are confrontational/impatient individuals in the group
* Remind everyone that open science is a process, and that we are all here because we are interested in incorporating this into our work