

GOOD SCIENTIFIC PRACTICE

Workshop Description

Any responsible conduct of research should be based on honesty, accuracy, efficiency, and objectivity. The workshop *Good Scientific Practice* focuses on these scientific standards of international research. It raises awareness of the subject matter by providing junior scientists with a set of professional values and ethical norms as well as the required competencies and skills to pursue scientific integrity. The content of the course follows the curriculum “Safeguarding Good Scientific Practice” (Memorandum and Code of Conduct) of the Deutsche Forschungsgemeinschaft (DFG).

Specific Topics

- Introduction to good scientific practice
- Mentoring in the science system
- Misconduct in scientific research
- Conflicts of interest in scientific cooperation
- Data management
- Publication ethics

Aims

The workshop instructs participants on the principles of good scientific practice.

Doctoral candidates and postdocs learn how to comply with the international values and standards of good scientific research and ethical practice.

Methodology

The online workshop combines self-study (Vimeo videos) and open discussions via video conferencing (Zoom). An educational film sequence, a role-play (online small group work), various video clips of case studies or delicate situations, and a set of questions concerning data management (online partner work) will contribute to a vital learning environment.

Participants are actively involved and encouraged to compare their experience of scientific work with the international standards of good scientific practice. Using an interactive platform, they can finally test their decision-making.

Workshop Schedule (subject to modification)

The Zoom meeting room (including breakout rooms) will be open all day.

Participants will have access to the Vimeo and Dropbox platform for three days after the workshop.

<p>Part I – Video conference / ZoomMeeting – 9:00–9:30 a.m.</p> <ul style="list-style-type: none"> ○ WARM-UP / INTRO / FAQ / GROUPING
<p>Now, get ready for the self-study. Follow the Vimeo-link and the Dropbox-Link!</p>
<p>PART II – Self-study – 9:30–10:45 a.m.</p> <ul style="list-style-type: none"> ○ INTRODUCTION ○ I AM HERE FOR YOU! – Mentoring in the science system ○ SMALL GROUP / PARTNER WORK
<p>Short break – 10:45–11:00 a.m.</p>
<p>PART III – Self-study – 11:00–12:00 p.m.</p> <ul style="list-style-type: none"> ○ NO WAY! – Misconduct in scientific research ○ WHO’S WHO – Whistleblower, ombudsperson, commission, procedures, and consequences ○ ZoomMeeting – 12:00–1:00 p.m.
<p>Lunch break – 1:00–2:00 p.m.</p>
<p>PART IV – Self-study – 2:00–3:00 p.m.</p> <ul style="list-style-type: none"> ○ MINE, YOURS, OURS! – Conflicts of interest in scientific cooperation ○ KEEP A COOL HEAD! – Handling research data ○ SMALL GROUP / PARTNER WORK
<p>Short break – 3:00–3:15 p.m.</p>
<p>PART V – Self-study – 3:15–4:15 p.m.</p> <ul style="list-style-type: none"> ○ PITFALLS EVERYWHERE – Publication ethics ○ INTO THE SHOES – Interactive learning platform
<p>No break, please grab your notes and be ready for discussion.</p>
<p>PART VI – Video conference / ZoomMeeting – 4:15–5:00 p.m.</p> <ul style="list-style-type: none"> ○ DISCUSSION / CONCLUSION & EVALUATION