

GOOD SCIENTIFIC PRACTICE

Workshop Description

The one-day workshop *Good Scientific Practice* focuses on the scientific standards of international research. Good scientific practice is based on honesty and should promote public trust in scientific findings. This course provides doctoral students with the required competencies and skills such as integrity, responsibility and communication as well as a set of scientific guidelines. The content of the course follows the curriculum “Safeguarding Good Scientific Practice” 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

Aim

The workshop instructs participants on the principles of good scientific practice. Doctoral candidates learn how to comply with the international values and standards of good scientific research and ethical practice.

Methodology

The workshop combines presentation and group as well as open discussion. Role plays, case studies and appropriate solutions for different policy options will be exercised. Participants are actively involved and encouraged to compare their experience of scientific work with the international standards of good scientific practice.

Workshop Schedule (Subject to modification)

9:00 – 10:45 am (90 min +15 min) WARM-UP / INTRO I AM HERE FOR YOU! – Mentoring in the science system
10:45 – 11:00 am (15 min) break
11:00 am – 12:30 pm (90 min) NO WAY! – Misconduct in scientific research
12:30 – 1.30 pm (60 min) lunch break
1:30 – 3:00 pm (90 min) WHO'S WHO – Whistleblower, ombudsperson, commission, procedures and consequences MINE, YOURS, OURS! – Conflicts of interest in scientific cooperation
3:00 – 3:15 pm (15 min) break
3:15 – 5:00 pm (90 min + 15 min) KEEP A COOL HEAD! – Handling research data PITFALLS EVERYWHERE – Publication ethics CONCLUSION & EVALUATION