

Good Scientific Practice for doctoral and postdoctoral researchers

The seminar is a fundamental introduction to the principles for safeguarding good scientific practice based on the recommendations of the Deutsche Forschungsgemeinschaft (DFG)¹. These recommendations form a fundamental framework, implemented via rules, guidelines and codices of nearly all universities and research institutions in Germany. At Paderborn University researchers are required to comply with the "Rules for the securing of good academic practice and basic principles for the procedure on suspicion of academic misconduct at Paderborn University"²

Therefore the seminar focuses on the perspectives of doctoral researchers by introducing and discussing the following topics:

I. Basics of responsible conduct and ethical principles in science

- Introduction: Values, virtues, potential problems and conflicts in scientific contexts
- Basic recommendations of the DFG, relevant codices and regulations for safeguarding good scientific practice and scientific integrity
- Scientific misconduct: Examples, elements of offense and consequences, procedures for coping with scientific misconduct

II. General responsibilities of scientists in context of:

- Data collection and research documentation
- Publication process, authorship and review of manuscripts
- Supervision: Expectations, duties and roles
- Organizational culture: Challenges of collaboration and communication in teams and in scientific collaborations. Strategies to prevent and to manage problems and conflict in everyday scientific environment
- Procedures in case of suspicion and relevant contact persons

III. Important specific responsibilities:

- Important issues prior to any data collection, Authorization or permission relevant research
- *Research with animals: Basic aspects of responsibility and contact persons
- *Research with humans: Basic aspects of responsibility and contact persons
- *Surveys, Interviews, Data privacy and security

[*depending on disciplinary background and research projects of participants]

Trainer

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¹ available via:

http://www.dfg.de/download/pdf/dfg_im_profil/reden_stellungnahmen/download/empfehlung_wiss_praxis_1310.pdf (including German and English version)

² see: Amtliche Mitteilungen – Verkündungsblatt der Universität Paderborn (AM.Uni.Pb.) Nr. 58/09 vom 16. November 2009, available via: <http://digital.ub.upb.de/download/pdf/1075027> (including German and English version).