



Akademien der Wissenschaften Schweiz
Académies suisses des sciences
Accademie svizzere delle scienze
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Swiss Academies of Arts and Sciences

www.swiss-academies.ch

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Challenges encountered by the Swiss Academies of Arts and Sciences when introducing concepts for promoting scientific integrity

Prof. Emilio Bossi, Chair of the Committee on Scientific Integrity

First challenge

- Underestimation of scientific misconduct by the scientific community

Second challenge

- Scepticism and mistrust towards academic self-control by the community

Strategies to overcome the first challenge

(Underestimation)

1. Raising awareness about scientific misconduct
2. Training in responsible conduct of research
3. National statistic about the occurrence of misconduct

Strategies to overcome the challenge of underestimation

1. Raising the awareness about scientific misconduct

- Brochure on principles and procedures concerning scientific integrity and misconduct. (www.swiss-academies.ch)
- Establishment of a formal integrity organization in each research institution

Strategies to overcome the challenge of underestimation

2. Training in responsible conduct of research

- Teaching pre- and postgraduate students
- Elaboration of a formal lecture introducing the subjects of scientific integrity and misconduct (www.swiss-academies.ch)
- Offer to give this lecture yourself
- Promotion of a repeated informal discussion on research integrity within the research groups

Strategies to overcome the first challenge

(Underestimation)

1. Raising awareness about scientific misconduct
2. Training in responsible conduct of research
3. **National statistic about the occurrence of misconduct**

Strategies to overcome the second challenge

(Mistrust towards academic self-regulation)

1. Take the initiative in your own hands! then
2. involve all stakeholders, then
3. present your final results to the authorities.
4. Permanently pursue the efforts to promote scientific integrity.