

Panel Discussion 1: Ethics training in science and research

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Institute**

15th ALLEA General Assembly



Global Young Academy
The voice of young scientists around the world

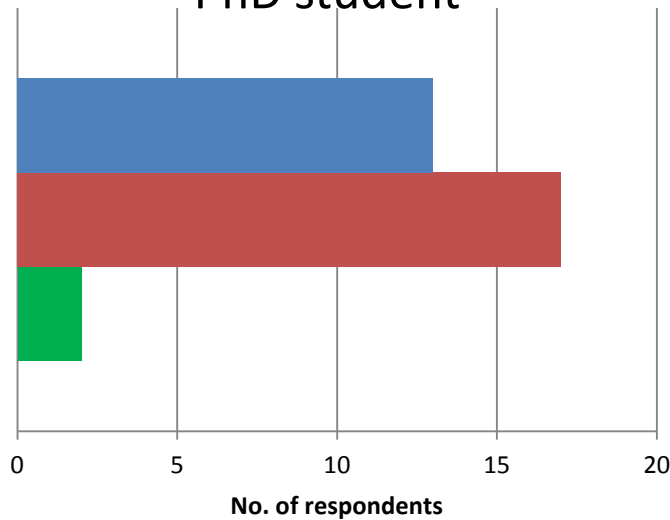
Global Young Academy

- An academy of 200 early career researchers (meaning roughly within 10 years of PhD) representing all major regions around the world
- Selection criteria:
 - Research excellence
 - Commitment to service/outreach
- Promotes interdisciplinary, international and intergenerational dialogue on scientific issues and supports YS in career development and independence

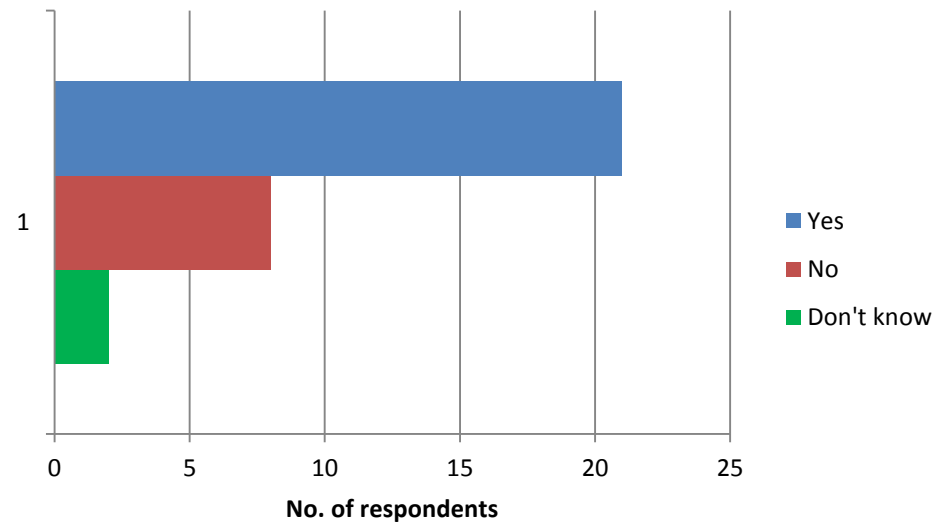


Survey to GYA members (n=32)

Received ethics training as a
PhD student



Has given ethics training as
supervisor



Those advising and training on ethics in science and research

- Help and advice in acquiring ethics certificates
- Discuss issues of ethics and acceptability in research, e.g.
 - Regarding animal care
 - Regarding human subjects
 - Regarding plagiarism and citing
 - Regarding publications and authorship
 - Regarding the consent and anonymity of informants
- Only one use a manual and scientific articles on ethics



Challenging identified regarding ethics

- Rigid formalised ethics process vs. issues requiring reflection
- Cultural differences
- Craze for impact factors and numbers of publications
- Lack of professionals in research ethics
- Ignorance and/or apathy of scientists
- Plagiarisms
- Falsification of research findings
- Career impacts of discrimination, e.g. biased editorial processes



ALLEA Panel debate

Göran Hermerén

Chair, ALLEA PWG Science and Ethics



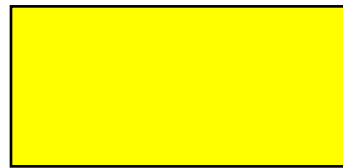
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EES: Aims and methods

Knowledge Awareness Ability

Literature:
regulations
guidelines



Discussion
of cases



Role play
Group work



Particularly hot areas

- Publication ethics (authorship, publication, peer review)
- Fraud and misconduct (definitions, methods of investigation, sanctions)
- Commercialization (transparency, trust)

