

UMCS Doctoral Schools
Course: Ethics and Integrity in Academic Research (5 h)
Lectures: October 16th, November 21st, 2019

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Office hours in winter semester 19/20: Tuesday, Wednesday 16:00 – 17:30

Course overview

Lectures are focused on problems of ethics and integrity in academic research. Students will become acquainted with the concept of the professional ethics in academic research and learn about basic values and ethical standards applicable in scientific work. The good practices in scientific research (including in. al. dealing with scientific data, research procedures, authoring and publishing practices, reviewing and opinions, conflicts of interest) will be described and analyzed. The principles of scientific cooperation will also be discussed, including the formation and status of young researchers and other groups of academic staff. Students will also learn about the issues of disciplinary liability and rules of conduct in cases of violation of the principles of professional ethics and integrity in science. The examples of Polish and international standards and practice will be presented. Students learn about legislation, codes of ethics and Polish and international institutions dealing with research ethics. Classes have the form of a seminar lecture combined with discussion and solving case studies.

Schedule

October 16th, 13.30, room 6

1. The concept of professional ethics. Basic academic values. History and current challenges

2. Basic ethical standards in the work of a scientist
 - 2.1 handling of scientific data.
 - 2.2 testing procedures
 - 2.3 authorship and publishing practices
 - 2.4 reviewing and giving opinions
 - 2.5 conflicts of interest
 - 2.6 formation of scientific staff (incl. young scientists)

November 21st, 13.00, room 4

3. Ethics of scientific research – main sources
 - 3.1 International
 - European Code of Conduct for Research Integrity (European Science Foundation)
 - European Charter for Researchers
 - Code of Conduct for the Recruitment of Researchers

3.2 Polish

- Code of Ethics for Researchers (KEN PAN)
- Act on higher education and science with executive acts (2018)

4. Disciplinary liability of scientists – procedures

5 Good academic practices

6. Case studies and discussion

Evaluation

1. In-class activity (criteria: participation in the discussion, knowledge of literature, independence of thinking, efficiency and originality in presenting opinions)

2. Case analysis – short written essay on one of the presented cases of ethical controversies (criteria: ability to identify ethical problems, accuracy of analysis, evaluation and solution adopted, knowledge and application of ethical codes, legal sources and other materials). **Deadline (sending via e-mail) February 18th, 2020.**

Reading and resources

International standards

- **European Code of Conduct for Research Integrity (European Science Foundation/ALLEA)**
https://ec.europa.eu/research/participants/data/ref/h2020/other/hi/h2020-ethics_code-of-conduct_en.pdf
- **European Charter for Researchers**
<https://euraxess.ec.europa.eu/jobs/charter/european-charter>
- **Code of Conduct for the Recruitment of Researchers**
<https://euraxess.ec.europa.eu/jobs/charter/code>
- **Brochure: The European Charter for Researchers & the Code of Conduct for their Recruitment** <https://euraxess.ec.europa.eu/content/brochure-european-charter-researchers-code-conduct-their-recruitment>
- **Fostering Research Integrity in Europe. A report by the ESF Member Organisation Forum on Research Integrity**
http://www.esf.org/fileadmin/user_upload/esf/ResearchIntegrity_Report2011.pdf

Polish standards

- Code of Ethics for Researchers, Polish Academy Of Sciences – Commissions on Ethics in Research (*Kodeks Etyki Pracownika Naukowego, Komisja do Spraw Etyki w Nauce, PAN, Wyd. II, 2016*)
- Act on higher education and science with executive acts (*Ustawa z dnia 20 lipca 2018 r. Prawo o szkolnictwie wyższym i nauce wraz z aktami wykonawczymi*)
- Executive act on procedure in disciplinary cases of academic teachers (*Rozporządzenie Ministra Nauki i Szkolnictwa Wyższego z dnia 25 września 2018 r. w sprawie szczegółowego trybu prowadzenia mediacji, postępowania wyjaśniającego i postępowania dyscyplinarnego w sprawach odpowiedzialności dyscyplinarnej nauczycieli akademickich*)

Good practices

- **De Montfort University (Leicester)** GUIDELINES FOR GOOD RESEARCH PRACTICE <https://www.dmu.ac.uk/documents/research-documents/ethics-faculty-procedures/guidelines-for-good-research-practice-update-links-sept-2017.pdf>
- **MIT**, Academic Integrity at MIT, Handbook for Students <https://integrity.mit.edu/sites/default/files/documents/AcademicIntegrityHandbook2018-color.pdf>
- **Harvard University**, Extension School, guideline for students <https://www.extension.harvard.edu/resources-policies/student-conduct/academic-integrity>
- **University of Hong Kong, Law School** <https://www.law.hku.hk/researchintegrity/about-us/>

Articles and books

E. Shamo, D. B. Resnik, *Responsible Conduct of Research*, Oxford University Press 2009.

E.J. Emanuel, R. Crouch, J. Arras, J. Moreno, C. Grady (eds.), *Ethical and Regulatory Aspects of Clinical Research: Readings and Commentary*, Johns Hopkins University Press, Baltimore, Maryland 2003.

E.J. Emanuel, Ch.C. Grady, R. A. Crouch and R. K. Lie (eds.), *The Oxford Textbook of Clinical Research Ethics*, Oxford University Press 2011.

European Textbook on Ethics in Research, J. Huges (ed.), European Commission Directorate-General for Research, Publications Office of the European Union, Luxembourg 2010. https://ec.europa.eu/research/science-society/document_library/pdf_06/textbook-on-ethics-report_en.pdf

F.L.Macrina, *Scientific Integrity: Text And Cases in Responsible Conduct Of Research*, 3 edition, Amer Society for Microbiol 2005.

D.M. Mertens, P.E. Ginsberg, *The Handbook of Social Science Research*, SAGE Publications 2009.

Navigating SSH Research Integrity Straits: Between Scylla And Charybdis

<https://www.euroscientist.com/navigating-ssh-research-integrity-straits-between-scylla-and-charybdis/>

Can Ethics Training Improve The Quality Of Research?

<https://www.euroscientist.com/can-ethics-training-improve-quality-research/>

Useful links

European Network for Research Evaluation in the Social Sciences and the Humanities <https://enressh.eu/about/>

Euroscientist. <https://www.euroscientist.com/ethics/>

