MLE Research Integrity Training
Examples of good practices France

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RI & RE: training offered in France

**Training**: included in the national Charter, signed since 2015 by more and more public institutions ("Research integrity rules must be integrated into educational curricula")

- **In all universities**, by Doctoral schools, for all PhD students, and mandatory since 2016 (ministerial decree)
- **In public research institutions** (e.g. CIRAD, CNRS, INSERM, INRA, etc.)
- **In the National funding Agency** (ANR): training in ethical principles, prevention and management of conflicts of interest to ANR employees and members of scientific evaluation panels: ANR’s Code of Ethics and Scientific Integrity (revised 2019) [https://anr.fr/en/anrs-role-in-research/values-and-commitments/scientific-integrity/](https://anr.fr/en/anrs-role-in-research/values-and-commitments/scientific-integrity/)

- **RI officers** (112 currently), appointed by each public institution, monitoring training programmes

**Topics and objectives**

- Inform PhD students about RI & RE issues: to develop good practices and prevent misconducts, in compliance to the European code of conduct for RI, the French charter on RI.
- Alert them to the mechanisms that can lead to scientific misconducts: falsification, fabrication, plagiarism; data management; publication & authorship, etc.
Mode of delivery

“Doctoral schools must ensure that doctoral students benefit from training in ethics and research integrity”.

• National network of doctoral colleges [https://rncd.fr/contact/](https://rncd.fr/contact/)

• **Mode of delivery**: depending on institutions (no compulsory specified format), some examples:
  - PhD courses face-to-face; workshops (lectures, role plays); seminars, online courses, etc.
  - **MOOC on research integrity**, designed and provided by University of Bordeaux, and available for all fellows [https://www.fun-mooc.fr/courses/course-v1:Ubordeaux+28007EN+session01/about](https://www.fun-mooc.fr/courses/course-v1:Ubordeaux+28007EN+session01/about)
  - **MOOC on ethics**, designed and provided by University of Lyon [https://www.fun-mooc.fr/courses/course-v1:universite-lyon+91001+session01/about](https://www.fun-mooc.fr/courses/course-v1:universite-lyon+91001+session01/about)
  - Seminars, thematic working groups, and colloquia, organised by the Research Ethics and Scientific Integrity Council (POLÉTHIS) at University Paris-Saclay [https://www.universite-paris-saclay.fr/en/polethis](https://www.universite-paris-saclay.fr/en/polethis)
Examples of topics/case studies for PhD students’ training

- **Misconducts** and questionnable practices; policy for handling allegations
- **Plagiarism**: what is it, and how to avoid it?; plagiarism detector (uses and limitations of the tool); auto-plagiarism
- **Data** falsification/fabrication; reproducible research and data sharing
- **Publication and rule of authorship**:  
  - *How to deal when conflicts with a mentor*: eg.: student’s name doesn’t appear as co-author (mentor/mentee relationships); ghost-writers; conflicts between co-authors  
  - *Peer-review, predatory journals; presssure to « publish or perish »*
- **Conflicts of interest**: questionable research (how to conduct research, methodology)
- **Issues linked to specific disciplines** (eg.: SSH, biology); impacts and social responsability
- Etc.
OFIS (created 2017): objectives / training

• To establish a **national mapping of research integrity training** (survey in progress, in collaboration with RI officers & French network of doctoral colleges)
  ➢ In the aim to share **innovative trainings and good practices** in the field, to offer mutualization on the OFIS web site, and to assess their efficacity over time

• To organize regular **training for trainers (train-the-trainers RI officers)**: 1st one in June 2019, on legal aspects of their missions (allegations and misconduct procedures, mediation, case studies)

• To contribute to improve training programs and support innovative initiatives

**In planning :**

• Foster training to assess a real RCR culture: for Master degree students in official programmes, for assistant-professors when prepare mentoring (French supervisor diploma « Habilitation à diriger des recherches »), ... and for seniors

• Awareness to Open science within training programmes, and within labs
Thank you for your attention!