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Path **2** Integrity

Survey on the topic: scientific work

Instruction

As part of the Horizon2020 project "Path2Integrity", it is our task to review learning units of the project. These units are mainly related to the European Code of Conduct for Research Integrity by ALLEA (2017).

To develop the test questions, we need your help.

Below are different scenarios for you to assess and justify your assessment. There is no right or wrong.

The data will be kept confidential and you can stop the questionnaire at any time.

Background:

1. Have you already attended a course on scientific work or research integrity?

□ Yes. What kind of course was that? _____

□ No.

2. Please enter your academic discipline(s) and the semester.

_____

3. How old are you? _____

Scenarios:

1. Elena has started writing a term paper. However, she is unsure what she needs to consider and asks her mentor Olivia: "How do I do good research?" Olivia tells her that there are many rules and procedures what good research means and recommends that Elena read the regulations of the institute and from the university as a first step. Reassured by this, Elena begins to search out the regulations.

Is Olivia's statement in line with good research practice?

□ Yes, because…

□ No, because…

_____

_____

2. Alice and Palina are each individually conducting a small research project on the same topic to be presented in three weeks. Two days before the presentation, Alice talks to Palina about it: "I got great results from my research that match the results of our book. How did it go for you, Palina?" Palina replies, "I followed the rules in the research, but my results are completely different. There might be a mistake in the book. Maybe we should compare our results to find out where the problem is." Alice is unsure: "Since each of us was supposed to do the project alone and my results match those in the book, I see no reason to compare."

Is Alice's last statement in line with good scientific practice?

□ Yes, because…

□ No, because…

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3. Mia did a small research project but has not been able to confirm her new idea, but instead has only achieved boring results. She still wants to write about it in her homework because there is not enough time left for a new experiment. Since she has never done anything like this before, she asks her mentor Tim about it, who says: "You can write about it in your homework, but you have to present all the data as openly and transparently as possible."

Is Tim's statement in line with good research practice?

□ Yes, because…

□ No, because…

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4. After conducting interviews for his research project, Mike noticed that he forgot to have his participants sign the consent form. According to the rules of his discipline, however, it has to be filled in. So he asks his professor John about it, who replies, "I'm glad you know the rules, but since you only did the interviews for our class, you don't need a consent form." After hearing this, Mike is reassured that he can use all the interviews.

Is Professor John's statement in line with good research practice?

□ Yes, because…

□ No, because…

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5. Bill and Lorenzo are discussing a possible instance of scientific misconduct of research integrity by their professor Steven. "Since it concerns his part of the work, maintaining research integrity is his responsibility", Bill stated. So they both went on doing their part of the research project.

Is their decision in line with good research practice?

□ Yes, because…

□ No, because…

_____

_____

6. Gabriela had published her research project in a journal. While she was working on this, she talked with Michael about ways to structure the reference list for her project. He told her how he managed it in his work and later asked to be listed as co-author on the paper. Gabriela nevertheless did not accept the request but listed him in the acknowledgements.

Is Gabriela's decision in line with good research practice?

□ Yes, because…

□ No, because…

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_____

7. Gregor did a literature search for his school project. He decided to use only books from the library. His friend Eric, to whom he shows his work, says: "You wrote at the end of the work which books you have read but you have to note them in the text as well." "But I rewrote all the texts and put them in the bibliography, I did it right," Gregor replied.

Is Gregor's decision in line with good research practice?

□ Yes, because…

□ No, because…

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Thank you for taking part in the survey!