

# Seminar 3:

## Researcher's path Research ethics



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Engineering

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# Seminars and schedule 2 cr

WHAT?	WHEN?	TOPICS / ADDITIONAL
Seminar 1: Kick-off	12 January, at 9-11 AS6	Introduction of the course, announcement of the assignments and forming groups Researcher's path – Introduction to practical tips
Aalto Orientation Days for Doctoral Students	15-16 January	Highly recommended to participate Late enrollment to udes@aalto.fi
Seminar 2	19 January, at 9-11 AS6	Researcher's path – introduction continues Communications
Assignment DL	31 January	Practical tips assignment (individual)
Seminar 3	2 February, at 9-11 AS6	Researcher's path – what were the learning outcomes? Research ethics – introduction
Assignment DL	14 February	Ethics (group work)
Seminar 4	16 February, at 9-11 AS6	Research ethics – what were the learning outcomes? Publishing
Assignment DL	28 February	Career assignment (CV + career plan)
Seminar 5	1 March, at 9-11 TU7	Career design and job search workshop
Assignment DL	4 March	Writing assignment (group work)
Feedback sessions for groups (Language instructor William Martin)	12 March	20 min session/group on writing assignment
Seminar 6	15 March, at 9-11 TU7	Panel discussion and tips from graduated doctors
Assignment DL	17 April	Final assignment, diary-type Reflect on your learning on the seminar topics, the Orientation Days and the assignments of the course.

# Programme of today

- **9.15-9.45 Research ethics, Prof Ari Sihvola**
- **Break 10 min**
- **9.55-10.50 Peer review, Jufo, Impact Factor - Prof. Vesa Välimäki**
- **10.50-11.00 Upcoming assignments – Emma**

# Reminder: General principles of the course

- Dialogue
- Equality
- Openness and confidentiality
- Commitment to the course, group work and assignments



Aalto-yliopisto / Unto Rautio

# Research Ethics – Prof. Ari Sihvola

**Break, back at 9.55**

# Publishing a scientific journal paper (Peer review, Jufo, Impact Factor)

Prof. Vesa Välimäki

# Wrap-up - seminar 3



# Is the following true for you?

- I have started to think more about research ethics
- I have gotten good tips for publishing my article

# Upcoming assignments

- the deadline for the practical tips assignment was 31.1

# Assignment 2: Research ethics group work

- Assignment DL 14 February
  - The learning outcomes will be discussed in seminar 4
  - Research ethics course 26.2.-27.3.2024:  
<https://www.aalto.fi/en/doctoral-education/research-ethics-for-doctoral-students-course>
  - Please note the new version (2023) of the Finnish code of conduct for research integrity.
    - The procedure for handling violations of research integrity will be applied to doctoral thesis which have been submitted for pre-examination.
- Also to job and funding applications as well as CVs



# Basic principles in research integrity

**Reliability** in ensuring the quality of research, reflected in the design, the methodology, the analysis and the use of resources.

**Honesty** in developing, undertaking, reviewing, reporting and communicating research in a transparent fair, full and unbiased way.

**Respect** for colleagues, research participants, society, ecosystems, cultural heritage and the environment

**Accountability** for the research from idea to publication, for its management and organization, for training, supervision and mentoring and for its wider impacts.



# Research integrity (RI) violations are:

- Serious **intentional activity** that violates research integrity
- Activity in which research integrity has been seriously **neglected due to indifference or carelessness** when principles of RI could have been followed
- Activity in which research integrity has been seriously **neglected due to ignorance and unawareness** of RI principles and guidelines in force

# Authorship

[https://tenk.fi/sites/tenk.fi/files/TENK suositus tekijyys.pdf](https://tenk.fi/sites/tenk.fi/files/TENK_suositus_tekijyys.pdf)

# Assignment 3: Career assignment

- **Assignment DL 28 February**
  - Submit your CV and career plan
  - In seminar 5, you will get feedback and tips for your CV and career plan from a peer
  
- **Remember: the career plan is part of your Doctoral Personal Study Plan (DPSP). After this assignment, you can update the modified career plan to MyStudies**

# Assignment 4: Writing group work

- **Have you all selected a topic and started planning your text?**
- **Remember to include the Authors' contribution**
- **Group feedback the 12th of March from William Martin. Please enroll your group to a feedback session:**  
<https://mycourses.aalto.fi/mod/choice/view.php?id=1123776> (dl Thu 7.3)
- **If something feels unclear, please contact William Martin (william.martin1970@gmail.com)**



# In addition, to get 3 cr

WHAT?	WHEN?	TOPICS / ADDITIONAL
<b>*Assignment DL (3 cr course)*</b>	13 March	Pop-science pitch (individual writing)
<b>*Assignment DL (3 cr course)*</b>	20 March	Journal paper extended abstract (individual writing)
<b>*Assignment DL (3 cr course)*</b>	27 March	General research skills (individual)
<b>*Feedback sessions for the individual writing assignments (for 3 cr course)*</b>	9 April	30 min / student on individual writing assignments
<b>*Peer feedback DL (3 cr course)*</b>	10 April	Peer feedback on general research skills assignments

# Questions?

# Remember also:

- To make notes after every seminar for the final assignment

# See you in Seminar 4!



# Feedback on the course so far?

<https://preemo.aalto.fi/introfeedback>