

Henriette Frahm, Research & Development

Integrating integrity

- developing research cultures through organizational structures and teaching

Research at the University Colleges in Denmark

- Research became in 2013 a task defined by law at the University Colleges in Denmark (Lov om danske professioner og erhvervsakademier, Lov 1614)
- The law states that research at the UCs must
 - underpin the educations with research-based knowledge
 - provide new knowledge on and solutions for the challenges in the areas we provide education within.

UCN

- UCN provides education within the areas:
 - business
 - social education
 - health
 - technology
- UCN has a total of 10,000 students in academy profession and bachelor's degree programmes as well as more than 8,000 course participants in continuing education
- There are approx. 900 employees at UCN
- We have 6 campuses in Aalborg, Hjørring and Thisted

Research at UCN

In 2017 UCN had

- 163 research active employees (37 PhDs)
- 28 PhD-students
- 6 Docents (Associate Professors)
- 4 Research Programmes

- Director of Research and Development
David Mayntz (PhD)



From capacity building to research impact

2013-2017

Focus on capacity building and establishing research cultures.

2018-

Focus on research impact and continuance developing the research cultures.

Research Cultures

The research cultures reflected the variety at UCN. No overall policy or established UCN research culture.

In 2017 UCN concurred with the Danish Code of Conduct for Research Integrity.

As a part of this this and due the law on scientific misconduct (Lov om videnskabelig uredelighed m.v.) UCN establishes politics and guidelines for Research Integrity at UCN with effective date from January 1st 2018.

Politics and Guidelines

The Politics and Guidelines at UCN are:

- inspired by (and very similar to) politics and guidelines at the Danish universities and other University Colleges
- aligned with both the Danish Code of Conduct for Research Integrity and the Vancouver recommendations

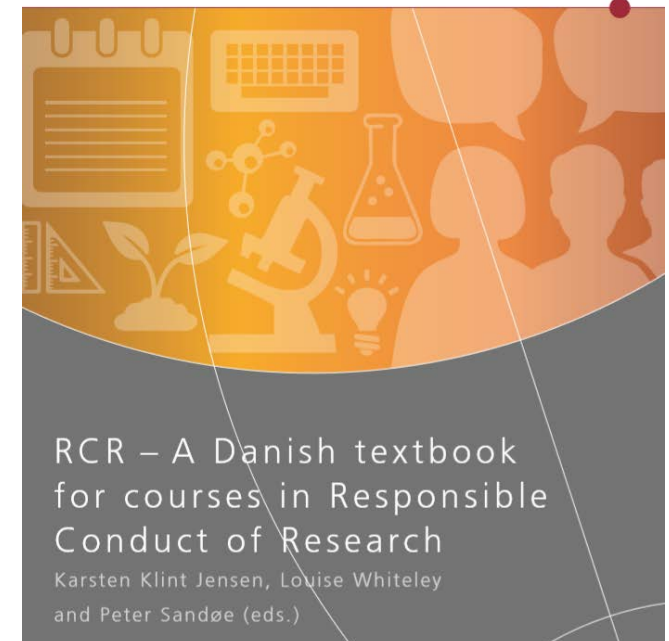
From a university or research perspective, minor changes - but from a UC perspective quite a difference in formal expectations and demands to the conducted research

Building organizational structures and teaching

- In order to cope with this new and changed agenda, UCN in 2018 run a "Special Task" in order to assist the implementation of politics and guidelines.
- The Special Task in 2018 consists of:
 - Education in Responsible Conduct of Research to the research-active and research-support staff
 - Establishing a confidential counselor (Named Person)
 - Establishing a forum/network for knowledge sharing in the university college sector and participate in cross-sectoral networks.
 - Intense communication on the topic in order to draw attention to research integrity all stages of research at UCN
 - Testing of different plagiarism systems

Education in Responsible Conduct of Research

- In December 2017 UCN received a grant from the **The Agency for Competence Development in the State Sector** to offer education in Responsible Conduct of Research.
- In the period January 2018- July 2019, UCN in collaboration with University of Copenhagen offer 6 sessions of each 3 lectures in Responsible Conduct of Research.
- Curriculum is based on textbook from University of Copenhagen and the lectures are given by Peter Sandøe, Mickey Gjerris and Mads Paludan Goddixsen from University of Copenhagen



Confidential counselor (Named Person)

- In order to address questions or doubts a confidential counselor have been appointed.
- Docent Uffe Læssøe is one of our most experienced researcher
- Confidential
- Counselor
- Must report number of enquiries – in overall categories. No more than that.

Network for knowledge sharing in the UC sector

- The UC sector has a strong tradition in knowledge sharing within the sector through thematic networks.
- In terms of Responsible Conduct of Research a kick-off meeting from representatives from the sector was held two days ago in Aalborg.
- The purpose of the network is to share experiences and knowledge on how to develop research cultures through organizational structures and teaching.
- The network is planning a sector conference in mid-2019 on mapping the different actions and experiences in the UC sector.

Communication

The topic of Research integrity and scientific misconduct has been addressed at research meetings and several bilateral meetings.

But since only approx. 5% of the overall staff and approx. 20% of the research active staff in 2017 had a PhD-degree, the need for overall communication is huge

In order to attract broad attention we made an animated film

- <https://youtu.be/4Q1-HJCZzKo>



Status

- 100+ have attended the course in responsible conduct. Positive feedback.
- UCN docents are trained in lecturing the course in order to give the lectures from summer 2019
- Named person is known and consulted
- No incidents

Lessons learned

- Ongoing process. Must be addressed in the daily routines – and not just at a course.
- The need for education will decrease but never disappear => research will always include to be conducted by employees without a PhD-degree.
- Important to stimulate a culture that stimulates open dialog and discussions
- Data management is an unaddressed issue, that we need to address in the near future
- Be aware of lessons learned at universities and in the UC sector

Thank you

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