For the greater good of science
The place of research data in information literacy teaching for PhD students

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The PhD student & the meeting with science
The PhD student & the challenge of balancing

The good academic

The good scientist

Carter, 2015
The PhD student & the library

Photo: University Library, UiT
The unspoken ingredient?

Academic integrity, commitment to the values of honesty, trust, fairness, respect, responsibility, and the courage to act upon these (CAI, 1999)
Widening the scope of information literacy

*Open science*, element and result of good academic practice
Outline

Our PhD seminar in brief, ideas and reactions, the library’s role revisited, the road ahead
Take Control of your PhD journey

From (p)reflection to publishing

- Academic Integrity
- Literature search
- Reference management
- Open access publishing
- Research data management

Photo: Helene N. Andreassen
The library supports open science!

UiT Open Research Data
support transparent and reproducible research
The study

Feedback during seminars
Course evaluations – own reflections – pre-surveys – post-surveys
Academic integrity as a gateway to good science

Scientific culture displays a constant shift of values and interests. Responsibility lies on the individual, the institution, and the scientific enterprise as a whole.

For science to serve its purpose, measures should be taken on each level.

(Sovacool, 2008)
Even the smallest person can change the course of the future.

The Fellowship of the Ring
J.R.R. Tolkien (1954)
Why do a PhD?

I can go in depth into a topic that interests me
I love science
The focus of your supervisor?

The contribution of my research to academia
The contribution of my research to society in general

Open access and supervisors
Not a theme for discussion
Fully engaged, or “interested but cautious”

(Education for change, 2012)
Academic integrity as a gateway to open science

Transparency is a key element in research integrity and trust. The model frameworks supporting open science practice may be viewed as transparency tools.

(Lyon, 2016)
Attitudes towards prestige & being a good academic

There are different processes for publishing articles and publishing data, and going open raises different issues.
I would share because you never know which data people might find relevant in the future.

I would share because I know of people who would be interested in my data.
Increasing open access publishing, but nature of open access is not fully understood

Data is mostly shared with their work colleagues, as they fear others will not understand the data correctly (Education for change, 2012)
The road from here
Obtain representative feedback

- Invite all PhD students at UiT to respond to surveys
- Identify different views at early and final stage
Integrate data in courses from bachelor level to experienced researchers

- Research data is essential in most research projects, but data literacy skills are not up to date
- Students and researchers need to learn how to search data
The library is an important contributor to the UiT’s open science strategy
Thank you for your attention*

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to read about Take control: ub.uit.no

*Thanks to the Take Control teachers group at UiT for sharing their thoughts and teaching material with us


All pictures are taken from Colourbox.com if not otherwise stated.