Academic integrity and the University Library's role in the doctoral education.

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How to ensure high quality research when the incentives emphasize quantity?

Good scientist

Good academic

(Edwards & Roy, 2017, Carter, 2015)

The University Library can help!

The library supports open science!

UiT Open Research Data
support transparent and reproducible research

munin
open research archive

Outline

"Take Control" in brief, ideas and reactions, the library's role revisited, the road ahead

Take Control of your PhD journey

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

Photo: Lene Østvand

**Academic integrity
and responsibility for information sharing.**

"Open science contributes to conceptual advancement of research information literacy for further generations of researchers."

(Steinerová, 2016)

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)

What would the PhD students do if they found irregularites in research data or other research content?

In their own research

Most would take action,
but if it's after submission,
it depends more on the
severity.

Research by other people
Most would take action, but wouldn't know how!

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.
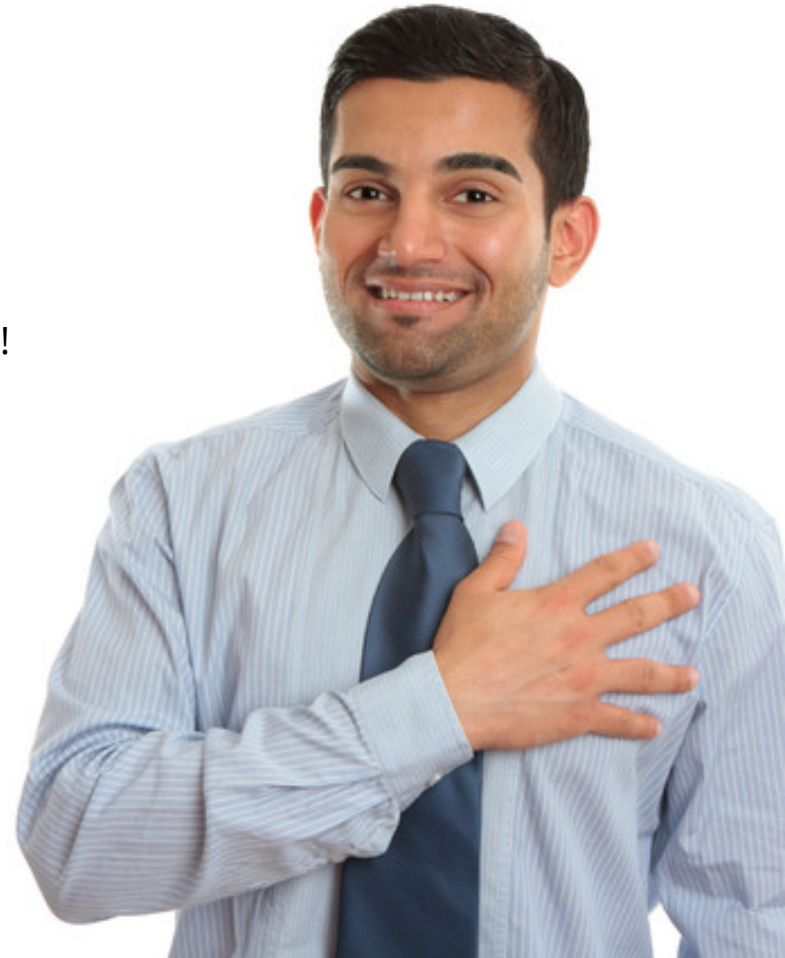
(Lyon, 2016)

What do the PhD students think of open science?

Open access publishing

Prestige and IF affect choice of publisher.
But transparency and high quality are also prestigous!

Open data
General positivity towards sharing research data, but far less knowledge!

What is the PhD students' experience
of the incentives emphasizing quantity?

Does this change over time?

"As a PhD student, I find it hard to balance the pressure to do good research and the pressure to publish quickly."

Semester 5

Score 9

Semester 1

Score 1

Do we meet their needs?

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 ahead

Even stronger focus on
research data and correct use
of sources!

Photo: Lene Østvand

The road ahead

Spring 2018:

Formally integrated in the
course catalogue at UiT.

Award 1 credit (ECTS).

Photo: Lene Østvand

The library is an important contributor to the UiT's open science strategy!

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