

# Introduction to Open Science for PhD Students

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Focus on Open Science 21-06-18



# Why should we focus on Open Science skills for PhD Students?

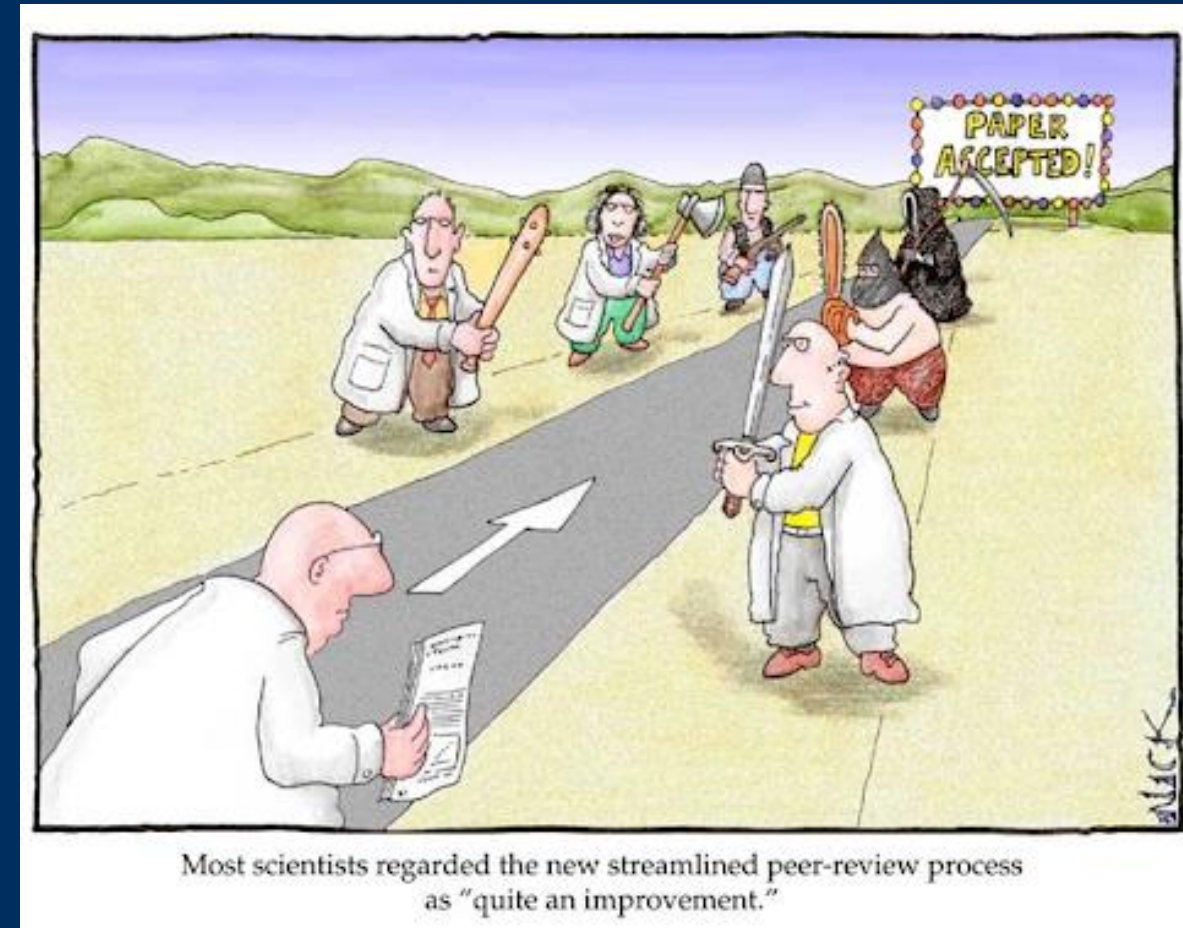
## Challenges facing PhD students:

- The Research Training
- The "Career Defining Output"

Many research practises in a state of change  
(data management, publishing, transparent and reproducible methods)

May add additional component of uncertainty for inexperienced researchers – need support!

Agents of change as future leaders!



# The Research Data Life Cycle + Open Science Practises = A Course, of Course!



# Designing an Open Science Course for PhD Students

- Late 2019: Stockholm University Library project group plan an introductory course on Open Science
- Staff with expertise in publishing, licensing, research data management, teaching
- Drafted course plan, spring of 2020 formed collaboration with the Department of English, 5 ECTS course approved by the Faculty Board
- Important to offer credits to students to make it worthwhile
- Opened for applications in fall of 2020 and successfully given in spring 2021!

# Online teaching and international student group

- 17 PhD students from multiple disciplines and international Universities
- Conducted all teaching online, seminars twice per week – all material recorded and available on teaching platform for student learning flexibility
- Exercises and assignments closely linked to the student's research to investigate OS practises, possibilities and barriers in own field
- Active participation and knowledge sharing!

“...the interdisciplinary and international character of PhD students' participation, was one of the most positive characteristics of the course” (2021 Student)

# Aiming for the OS core and hands-on skills

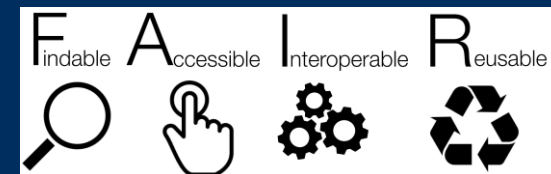
Focus on core Open Science practises and directly applicable skills:

Module 1: The rationale and aims of the Open Science movement

Module 2: Good Research Data Management (+DMP), FAIR and Open Data

Module 3: Open Access Publishing, Licensing

Module 4: Navigating the OS landscape in a final report



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# Positive course feedback and aiming to reach supervisors

Student feedback after the course very positive:

- 93% satisfaction with course content
- 94% would recommend this course to others

Aim to continue providing students with support using formal courses

Next step:

- Offer training and support to supervisors and faculty members to facilitate and encourage discussions about openness

**” Everyone  
should take it.  
Even supervisors  
(or especially)”**

(2021 Student)

# Thank you!

The Research Data Management Team  
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For more information:  
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