Developing integrated research data management support in close relation to doctoral students’ research practices

Research at Malmö University - Five faculties:
- Faculty of Culture and Society
- Faculty of Education and Society
- Faculty of Health and Society
- Faculty of Odontology
- Faculty of Technology and Society
- Plus Research Centres, e.g. Bioimms and Malmö Institute for Studies of Migration, Diversity and Welfare

Research Data Management in Sweden
- No national infrastructure
- Work in progress nationally and locally
- Some disciplinary solutions
- Legal requirements on universities as government agencies

Doctoral students as a targeted group:
In Sweden doctoral student follow a PhD program, which includes both general and specific courses. It takes 4 years of full-time studies including doing research and writing a thesis. They are developing their research practice and keen to learn and reflect on different aspects of their research.

The solution (our plan)
- Seminars and workshops
- Three themes: finding research data; managing and organizing research data (incl. DMPs); describing and sharing data

Example workshop - Finding Research Data
- Learning outcomes:
  - Understand how research data is made available in different ways
  - Be able to find relevant data repositories and data sets
- Example of topics covered:
  - Why manage research data?
  - Searching in Data Citation Index (Web of Science) and v3data.org
  - Swedish National Data Service and other data repositories
  - Data Journals and citing data

In order to make the research data you are working with open, in what areas would you need more knowledge or more support? Share (n=161)
- Rights and licenses for open research data: 57%
- IT support for e.g. database solution, storage or backup: 47%
- Making available research data (general): 44%
- Services for making available research data within your subject: 43%
- The archiving of research data: 41%
- Journal requirements regarding open research data: 38%
- Current and coming demands from research financiers on open research data: 37%
- Support concerning data management plans: 35%
- Practical questions/support for making available research data in 2016: 31%
- Support in data processing and organizing data during the research process: 27%
- Other: 11%

Work-in-progress Questions
- How relate to other courses for doctoral students, e.g. in research methods or ethics?
- Keep close to disciplinary research practices - how do you do?

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