



HST's Advisory Research Board – Meeting #2/2023

24 May 2023

Agenda

	Item	
10.00-10.10	1	Welcome /Kim Dremstrup
10.10-11.00	2	Status for the budget 2023 and financial outlook for 2024-25 /Kim Dremstrup
11.00-11.25	3	Discussion of the research groups' action plans – Annual wheel and content /Winnie Jensen
11.25-11.55	4	Presentation of FAIR data management and the Data Steward role /Winnie Jensen and representatives from CLAAUDIA
11.55-12.00	5	AOB and input from research group leaders for future meetings /Kim Dremstrup og Winnie Jensen

Participants

		Participates	Representative
Kim Dremstrup	Head of Department	X	
Winnie Jensen	Vice-head of Department - Research	X	
Susanne Lundis	Head of Research Administrative Team		
Lone S. Andersen	Minute taker	X	
Louise Pape-Haugaard	Vice-head of Department – Teaching	X	
Henrik Bøggild	Public Health and Epidemiology (PHE)	X	
Carsten Dahl Mørch	Integrative Neuroscience (IN)	X	
Johannes J. Struijk	CardioTech (CT)	X	
John Dirk Nieland	Molecular Pharmacology (MP)	X	
Lotte N. S. Andreasen Struijk	Neurorehabilitation Robotics and Engineering (NRE)	X	
Lars Arendt-Nielsen	Translational Pain Biomarkers (TPB)		Laura Petrini
Mette Nyegaard	Genomic Medicine (GM)	X	
Michael Skovdal Rathleff	Musculoskeletal Health (MH)	X	
Ole Hejlesen	Medical Informatics and Image Analysis (MI)	X	
Rogério Hirata	Sport Sciences - Performance and Technology (SSPT)	X	
Sine Agergaard	Sport & Social Issues (SSI)	X	
Stephen Edward Rees	R-Care (R-Care)	X	
Strahinja Dosen	Neurorehabilitation Systems (NS)	X	
Svend Birkelund	Medical Microbiology and Immunology (MMI)	X	
Thomas Graven-Nielsen	Pain and Motor System Plasticity (PMSP)	X	
Torben Moos	Neurobiology (NEB)		
Vladimir Zachar	Regenerative Medicine (RM)	X	
Thomas Gomes Nørgaard dos Santos Nielsen	Neural Engineering and Neurophysiology (NEN)		
Ellen Vibeke Knudsen	Team Leader, CLAAUDIA	X	
Kamilla Hall Kragelund	Data Steward, CLAAUDIA	X	
Dennis Aagaard Pedersen	Data Steward, CLAAUDIA	X	



Item 1

Welcome

/Kim Dremstrup

Key points/ decisions

- Institutional accreditation

Three audit trails at AAU have been selected:

1. Transition of graduates to labour market (three master's degree programs: two at ENG and one at TECH Faculty)
2. Ensuring the students' contact to the knowledge base (one master's degree program, one bachelor's degree program, and one professional bachelor's degree program at TECH, SSH, and ENG Faculties)
3. Ensuring the quality of PBL (one bachelor's degree program, one master's degree program, and one postgraduate course at SSH, ENG, SUND. The program at SUND is the master in sexology).

- Master education in Digital Health

A workshop will be held on 31 May. Twenty-two companies will attend the workshop to contribute to the design of the education. An invitation to the workshop will be sent out to the research group leaders on 25 May 2023.

- Workplace assessment (APV)

An online workplace assessment will be conducted early/mid-June. The assessment will focus on the relocation to Selma Lagerløfs Vej.

Item 2

Status for the budget 2023 and financial outlook for 2024-25

/Kim Dremstrup

Key points/ decisions

On 3 May 2023, the HST management sent out an email regarding the financial status for 2023 and the outlook for 2024 and 2025.

Extraordinary budget cutbacks must be put into effect in the middle of the regular budget period for 2023. HST is to cut down the budget with DKK 5.1 million.

The reasons for the budget cutbacks are:

- Income from educations/students (STÅ) is decreasing due to fewer students, many students taking leave, and many students moving from one education to another (e.g., from Medis to Medicine) – DKK 2.5 million
- Increase in internal contributions to AAU's general operations – DKK 1.3 million
- Costs for relocation and completion of the SUND building are higher than expected – DKK 1.3 million



The deficit will be covered by:

- Increased revenue from the changed requisition norms, which were implemented in 2021 – DKK 1.3 million
- Postponement of planned employments. Will be effected in autumn 2023 – DKK 2.2 million
- Running costs – DKK 0.5 million
- Strategic funds – DKK 0.2 million
- POC projects (stopped at faculty level) – DKK 0.2 million
- Pool of funds for budget regulations (unknown)

The following will not be affected:

- Annual grants (annuum)
- Research group and team annual grants
- Operation and setup of laboratories
- Student projects
- Course activities - students
- Positions
- Wednesday rolls

Also, in 2024 and 2025 we expect the following cutbacks.

2024: DKK 8.2 million

2025: DKK 10 million

The main reasons are:

- Reduced income from educations/students (STÅ). We are working hard to attract students. However, the overall number of young people is decreasing
- AAU will increase its equity from DKK 6 to 60 million. The SUND share is DKK 8 million
- Increasing prices (rent)
- Moving out of Public Health to Hjørring (investment in facilities)

As our budgets have already been trimmed, the cutbacks will have severe effect. We are working on solutions to handle this, among others:

- Increased income from educations/students (have more students, stop transfer to other studies)
- Rodent facility: increased income from, e.g., external cooperators, have more researchers from AUH use the facilities
- Decrease rent (compress space: only office at one site, move FRB3 to Selma Lagerløfs Vej?)
- Further workload reduction (frikøb) of VIP/TAP on project
- Increase “taxameter” on projects (Ph.D. students)
- Bench fees (requires an AAU strategy)



	<p>The following additional ideas were suggested:</p> <ul style="list-style-type: none">• Increase income from other activities than ordinary student programs, e.g.,<ul style="list-style-type: none">○ shorter courses/certifications○ module-based continued education (e.g., for physiotherapists or within public health)○ animal courses (instead of sending PhDs and master students to Aarhus or Odense)• Rodent facility: Sell or lease/rent the premises to external partner/operator <p>Any other ideas for changes/new initiatives are welcomed by the HST Management.</p>
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Item 3

Discussion of the research groups' action plans – annual cycle of work and content

/Winnie Jensen

<p>Key points/decisions</p>	<p>As decided by AAU and the SUND faculty, HST has since 2017 asked the research group leaders to prepare a research workplan/action plan for their respective groups. The current template is based on: 1) the principles for organizing research, and: 2) items defined by the HST management with a focus on ongoing strategic discussions and prioritizations.</p> <p>The research plan is a part of the annual cycle of work to secure ongoing dialogue with the research groups. Of course, many groups cannot and do not have the need to reformulate their mission/vision annually. In 2023, the research groups were offered to meet with our local fundraiser Anne Schüsler Dethlefsen to specifically discuss funding plans.</p> <p>The following comments/input came up:</p> <ul style="list-style-type: none">• Would it be beneficial to have input for positions twice a year?• Young researchers do not see a career within the university as attractive. Therefore, we need to maintain/attract them.• Further branding made by individual researchers within their respective networks (e.g., on social media) can increase the branding of HST/AAU and make talents/potential students aware of what we do. Suggestion: Add “personal researcher branding” to the action plan• Drawing up the action plan is a good exercise as the work also involves the group members• Drawing up the plan is a lot of work – perhaps a need for streamlining to make it more efficient to fill in (it was pointed out that data from VBN can be of great help when filling in the plan) <p>If you have any other input to the template of the action plan, please do not hesitate to contact Winnie Jensen.</p>
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Item 4

Presentation on FAIR data management and the Data Steward role

With participation from CLAUUDIA

/Winnie Jensen

**Key points/
decisions**

There is an increased focus on data management – locally, nationally, and internationally. CLAUUDIA (Ellen Vibeke Knudsen, Kamilla Hall Kragelund, and Dennis Aagaard Pedersen) joined the meeting to present an overview of their services, in particular how to work with FAIR data management and the data steward role.

See the presentation from CLAUUDIA below.

For background information, please see: <https://www.claudia.aau.dk/>

Item 5

AOB and input from research group leaders for future meetings

/Kim Dremstrup og Winnie Jensen

**Key points/
decisions**

Suggested topics for upcoming meetings:

- Bibliometric research indicators
- Tenure track program – how do we create attractive job options?



AALBORG UNIVERSITET



HST's Advisory Research Board-Meeting

CLAAUDIA, 24 May 2023



AALBORG
UNIVERSITY



Data Stewards - CLAAUDIA



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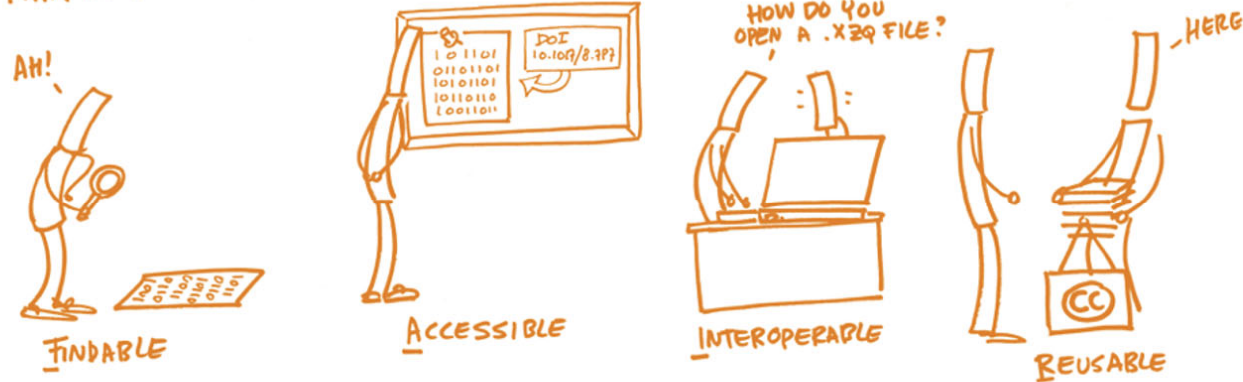


The Data Steward role

- ▶ What is a Data Steward?
 - ▶ The data steward role is new at AAU and in development.
 - ▶ We are part of the CLAAUDIA research data service unit. We provide hands-on assistance to researchers.
 - ▶ Our goal is to help researchers ensure high quality research data through well done data management.
 - ▶ We can help you find good tools and technical opportunities for your research.
 - ▶ We encourage you to work with the FAIR principles.

The FAIR principles

FAIR DATA PRINCIPLES



- Publish searchable metadata
- Assign a unique persistent identifier
- Upload to public data repository
- Define access conditions for data and metadata (if any)
- Use open file formats
- Use community standards, keywords and ontologies.
- Attach sufficient documentation
- Add usage license



Data Steward Support

- ▶ The FAIR-principles
 - ▶ Assist the researchers in making their data more FAIR
 - ▶ Introduction to FAIR in your research group
- ▶ Data Management Plan (DMP)
 - ▶ Assist the researchers in making a DMP (<https://dmponline.deic.dk>)
 - ▶ Feedback on the researchers' DMP draft, focus on correctly addressing the various aspects of the DMP template
 - ▶ Review on data management section in Grant application
 - ▶ Workshop: Practice-based introduction to Data Management Plan
- ▶ PhD course about FAIR data and making a Data Management Plan (1 ETCS)
- ▶ Data storage and transfer
 - ▶ Help the researchers deposit data in DataDeposit (<https://datadeposit.claudia.aau.dk/>)

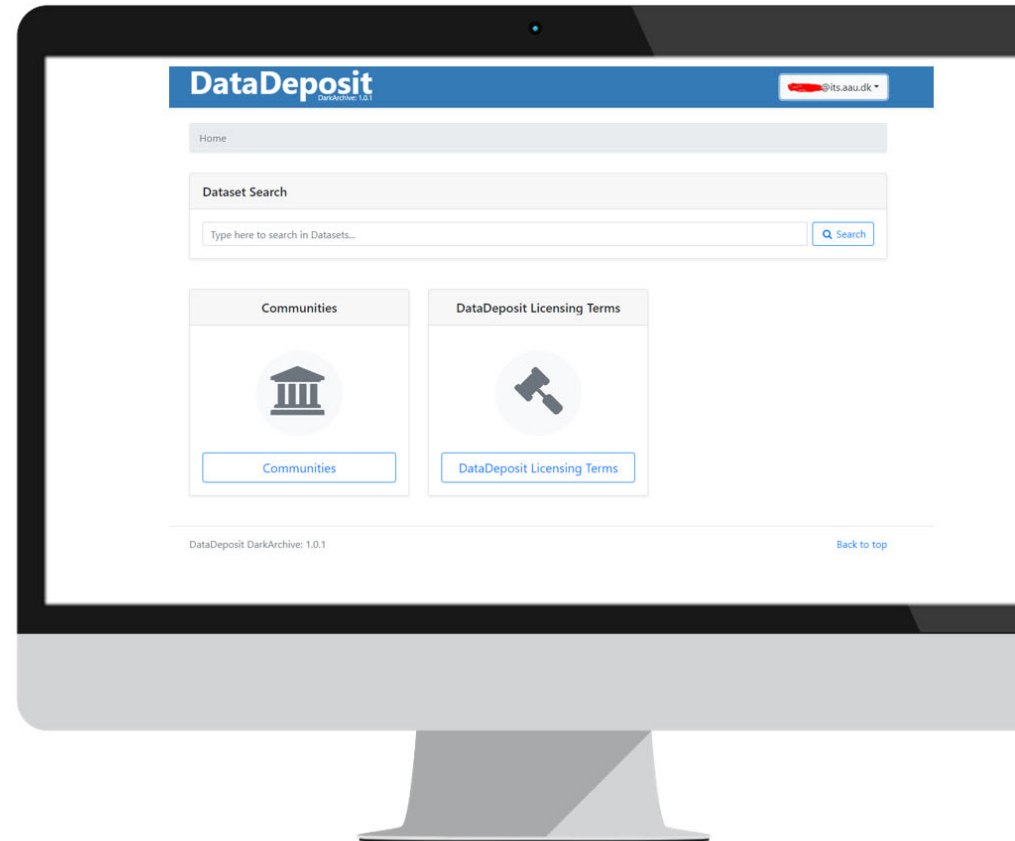


DataDeposit

AAU's new local archiving solution

- Deposit your **finalized** research data
- Deposition of any data type – also sensitive data
- Public metadata exposed on AAU's VBN/PURE
- A step towards making your data more FAIR
- Data Stewards in CLAAUDIA ready to assist you

<https://datadeposit.claudia.aau.dk/>





Data Science Support (new slide)

- ▶ Access to high-performance computing (HPC) resources
 - ▶ In-house: Strato (VMs), AI-Cloud (slurm managed GPU cluster), UCloud* (SaaS platform with GUI)
 - ▶ Other: national (via DelC) and international (via DelC and/or EuroHPC)
- ▶ Support to in-house HPC (Strato, AI-Cloud, UCloud)
- ▶ Consultancy reg. i.a.,
 - ▶ HPC solutions, infrastructure, software (however, not authorised to grant permissions)
 - ▶ Hands-on data science
 - ▶ Working with sensitive data
 - ▶ Cross-platform applications
 - ▶ Data transfer
 - ▶ External collaboration

* DelC Type 1 interactive HPC resource, currently UCloud is hosted at SDU



Data Science Support (new slide)

- ▶ HPC resource application support
 - ▶ National – DeIC
 - ▶ International – EuroHPC
- ▶ Funding application support
 - ▶ HPC or related topic support
- ▶ Teaching and training
 - ▶ PhD courses (Scientific Computing w/ Python, Tools for Scientific Software Development)
 - ▶ On demand



Contact info



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