Digital Health Network News

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UCPH Digital Health Network

Digital Health at Pharma

On June 2nd, the Department of Pharmacy hosted a Digital Health Network meeting under the title *Digital Health at Pharma*. The aim was to explore how digital health intersects with pharmaceutical research, education, and practice.

Lotte Stig Nørgaard and Nanna Broch Mottelson (Department of Pharmacy) opened the session with empirical work exploring digital health from both pharmacist and patient perspectives. Morten Lindow (CPDSE) shared reflections on integrating data science into pharmaceutical education and research, drawing on experience from both academia and industry. Boris Düdder (DIKU) concluded the session by presenting research on trustworthy AI, with examples of its application in emergency response.

Together, the talks highlighted diverse ways digital technologies are reshaping pharmaceutical care and education - from infrastructure to ethics and interaction.

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Photos: Julie Kikkenborg

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CALENDER

MeST-talk: Postdoc Riccardo Pronzato Enacting co-design, re-politicizing codesign. A critical lens on eHealth interventions June 26, 2025, 9.30-11.00 AM CSS, Room 1-1-17

TTRN 2025: Postgraduate course *August 12-15, 2025, University of California*

GenDis Symposium: Gender and chronic illness *August 26-27, 2025, Tampere University*



Upcoming events

TTRN 2025 Postgraduate Course: Leading Innovation in Smart Health

August 12-15, 2025, UC Davis, School of Medicine, Sacrament, CA and UC Berkeley, Berkeley (3 ECTS)

The Transatlantic Telehealth Research Network (TTRN) invites PhD students to join this year's international postgraduate course, hosted in collaboration with CITRIS, UC Berkeley, UC Davis School of Medicine, CIMT, Odense University Hospital, and Aalborg University.

Course Focus Areas:

- Next generation of telehealth
- Robotics in patient care, clinical practice, and healthcare operations
- Artificial Intelligence in healthcare current and future impact on patient care, clinical workflows, and organizational structure

This course offers a unique opportunity to engage with leading experts, participate in hands-on sessions, and collaborate with peers from around the globe.



MeST-talk: Postdoc Riccardo Pronzato

Enacting co-design, re-politicizing co-design: A critical lens on eHealth interventions *June 26, 2025, 9.30-11.00 AM, CSS, Room 1.1.17*

The Centre for Medical Science and Technology Studies and Digital Health network invites to a talk by Postdoc Riccardo Pronzato from University of Bologna, who has been a guest at MeST in June. Pronzato has a PhD from IULM University (cum laude), and experience as a Visiting Fellow at the University of Cambridge and RMIT University.

His research lies at the intersection of digital sociology and critical algorithm studies, explored how co-design processes in healthcare can both reflect and reinforce social power dynamics. Drawing on his current work co-developing an e-learning platform for dementia caregivers (AGE-IT), he argued that algorithmic health technologies are not neutral tools, but socio-cultural artefacts shaped by - and shaping - the people involved in their development.

Through the concept of *enactment*, Pronzato shows how eHealth platforms are co-produced by researchers, patients, tech developers, and institutions, while simultaneously shaping how individuals are seen, addressed, and cared for. His presentation invites reflection on how participation is structured and whose voices are recognized in digital health

GenDis Symposium: Gender and Chronic	PhD course: Human-Computer Interaction
Illness	(HCI) in Health care
August 26-27, 2025, Tampere University	
	Tariq Osman Andersen will be teaching the upcoming
Sarah Frances Homewood has been invited to speak at	PhD course Human-Computer Interaction (HCI) in
the upcoming GenDis Symposium. In her talk, Sarah	Health care, held at the University of Copenhagen.
will reflect on her experience using <i>crip</i> theories from	The course provides PhD students with a strong
the field of critical disability studies to design	foundation in HCI approaches to healthcare, offering
technologies for chronic illnesses such as long Covid	insight into key concepts and methodologies, as well as
and chronic fatigue syndrome.	hands-on experience in planning and designing studies in
	this field.
Read more about the symposium <u>here</u> .	
	Read more about the course <u>here</u> .

Latest news

In and out of Nordic STS' 25

Several members of our network recently took part in the 7th edition of the Nordic STS Conference, Stockholm. Among the participants was PhD student Anders Grundtvig, who has shared a short reflection on his experiences at the conference:

The seventh edition of the Nordic STS conference took place in Stockholm June 11-13. The event was interesting and well organized, under familiar Scandinavian "dialectic" conditions; Sun *and* rain; Architect-designed timber buildings *and* concrete post-war buildings; diversity-minded people *and* similar-looking; Digital program *and* nostalgic longing for a printed one.

Even though the conference appeared as a normal conference, with panels, keynotes, coffee, and nametags, it was immensely situated in a Nordic welfare state framework. So, while the global perspective was often missing, we did get an opportunity to dive deeper into the Nordic-framed public institutions especially with cases from the school system and the healthcare system – both as challenged and reconfigured by the emergence of AI. While health is always present as intriguing cases in STS - it really felt like the time had come for education to enter the big stage, with the impossible question of what the f*** to do with the usage of genAI among students on all levels. Here in 2025, it should come as no surprise that many panels discussed the role of AI. But interestingly, many panels found themself in discussions about (digital) sovereignty and independence from Big Tech, China and USA – obviously sparked by problematic political landscapes worldwide. In this regard, the first keynote speaker, prof. Brit Winthereik, invited us to think about how to generate knowledge and relations in what she framed as a "hyper-scale" the global pervasive technical infrastructures embedded in political agendas. But as Brit argued, the non-place hyperscale is actually located in the mundanity of local communities, as sites, and laboratories, for researchers to enter. The theme of the conference was "STS in and out of the laboratories". Labs embodies a particular sensitivity in STS, as a site for knowledge production. The second keynote speaker, prof. Katherine Harrison, argued that the lab poses certain normative barriers for entry - and thereby favoring the privileged in the knowledge production over others. So, returning to the theme; who is "in" and who is "out" of the lab? And what are the hidden socio-technical boundaries? What I personally take with me from this conference theme is an awareness on what it is that are moving - and being moved - in and out of the laboratory? – and in what form? When the university invite "the public" into our so-called living labs, or our research projects, are the public then a visitor, a fellow scientist in a white coat, a silenced lab instrument, or the lab rat? Personally, I don't mind being a lab rat now and then. Just as long I am not leaving the lab in a similar manner as most lab rats – in a biohazard bag.

Thanks for an inspiring conference. See you in Helsinki in 2027.

By Anders Grundtvig, PhD student

Bianca Jansky receives Lundbeck Foundation Grant for VR Therapy research

We are excited to announce that Postdoc Bianca Jansky has been awarded a Lundbeck Foundation grant to investigate the social and ethical aspects of Virtual Reality Therapy (VRT) innovation in neuropsychiatry.

Bianca will join Henriette Langstrup's Digital Health research group at the Department of Public Health, University of Copenhagen. Her ethnographic project explores how VRT - an emerging field shaped not only by clinical research but also by tech companies and patients - is used in Denmark. With a strong focus on public engagement, the project aims to develop recommendations to ensure that innovation in neuropsychiatry remains patient-centered.

New UCPH Publications in Digital Health

Recent article by Natalja Genina and colleagues explores how near-infrared chemical imaging and advanced modeling techniques can support fast, non-destructive dose verification for personalized drug products: Visualization and quantification of citalopram hydrobromide within highly porous drug products by nearinfrared chemical imaging.

Upcoming publication by Sarah Homewood and colleagues explores the design of technologies for rest and chronic illness through critical disability studies:

"Lull: Designing Crip Pacing Technologies for Rest". In Proceedings of the 2025 ACM Designing Interactive Systems Conference

New article by Hubert Zając and Niels Ternov reframes how we evaluate automation in healthcare through a human-centered lens:

Reframing Automation Benefits: A Human-Centered Approach to Expanding the Value of AI-Generated Reports in Healthcare. In Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '25).

Recent article led by Hubert Zając and colleagues investigates clinical AI design across healthcare contexts: <u>Towards Clinically Useful AI: From Radiology Practices in Global South and North to Visions of AI</u> <u>Support.</u>

Upcoming article by Veronika Cheplygina, Hubert Zając and co-authors maps challenges and artifacts in medical imaging datasets:

In the Picture: Medical Imaging Datasets, Artifacts, and their Living Review. In The 2025 ACM Conference on Fairness, Accountability, and Transparency (FAccT '25), June 23–26, 2025, Athens, Greece.

For the Danish-speaking, Iben Gjødsbøl, Klaus Høyer and Henriette Langstrup have a chapter on digitalization in the Danish healthcare system in the classic textbook on the Danish healthcare system: <u>"Sundhedsvæsen og sundhedspolitik"</u>, edited by Signe Smith Jervelund, Hans Okkels Birk and Karsten Vrangbæk.

UCPH-DH News

We encourage you to stay engaged and active within the Digital Health Network and inform us of relevant upcoming events and publications.

Please visit our homepage - https://digitalhealth.ku.dk

Editor: Henriette Langstrup and Julie Kikkenborg – Including members of Digital Health Network. Questions about the newsletter, more detailed information, as well as submissions for the next issue of UCPH-DH news, should be made by contacting our mailbox: <u>ucphdh@sund.ku.dk</u>.