

## Undervisningsportfolio

### 1. Undervisnings-CV: Oversigt over undervisnings- og vejledningsopgaver med angivelse af fagområder, omfang, niveau (BA, kandidat, EVU, Ph.d) samt evt. censoropgaver.

My teaching experience is extensive, and covers all aspects of teaching at Aalborg University through high qualifications in PBL. I teach and supervise in courses and projects that are directly related to my own research. But I also teach in courses and supervise projects that are only peripheral to my own research, i.e. Course in Scientific Methods and Dissemination. I am the semester coordinator at 1st sem. Master of Science Clinical Science and Technology and 5th semester Bachelor in Biomedical Engineering. In addition, I am also supervising at the Adjunkt pædagogikum, co-supervisor for PhD-students both in Norway and AAU, DK.

I am currently course responsible and lecturer for four courses at three programmes at the School of Medicine and Health. The programmes being: Master of Science Biomedical Engineering and Informatics, Master of Science Clinical Science and Technology.

I have supervised 40+ student projects at Bachelor of Science in Biomedical Engineering and Informatics

I have supervised 30+ student projects at Master of Science in Biomedical Engineering and Informatics

I have supervised 30+ student projects at Master of Clinical, Science and Technology

I have supervised 19 student projects at Open Education Master of Information Technology in Health Informatics

I have supervised 18 student projects at Bachelor of Science in Techno-Anthropology

I have supervised 1 student project at Master of Science in Techno-Anthropology

I have been contributing to courses with lectures in 19 different courses including programmes as Master of Science in Clinical Science and Technology, Bachelor and Master of Science in Techno Anthropology, Bachelor and Master of Science in Biomedical Engineering and Informatics, and open Education Masters programme in Health Informatics

Co-supervising a Ph.D.-student at Aalborg University, Karsten Niss studying effects of telemedicine on social network

Co-supervising a Ph.D.-student at UiT, Meghan Bradway studying the usage of apps and self-monitoring data integration in the EHR

Co-supervising a Ph.D.-student at Aalborg University, Clara Schaarup studying machine learning algorithms for detecting and treating diabetic foot ulcers

Co-supervising a Ph.D.-student at Aalborg University, Lasse Lefevre studying the design, development and usage of mobile apps in laboratories

### 2. Studieadministration: Oversigt over studieadministrative opgaver, eksempelvis medlem af studienævn, studieleder, semesterkoordinator, fagkoordinator, akkreditering m.v.

I am a member of study board for Health, Technology and Sports science

I have been part of institution accreditation

I am involved in the revision of curricula for Biomedical engineering

I have been involved in the revision of curricula for technoanthropology curricula

I am Semester coordinator, CST, 1. Sem

I have been Semester Coordinator, TANT 2nd and 4th semester

### 3. Universitetspædagogiske kvalifikationsforløb: Oversigt over gennemførte universitetspædagogiske kursusforløb, PBL-kurser, workshops, udviklingsprojekter, kollegial supervision o.l.

Adjunkt pædagogikum (2012-2014),

Deltaget i kurser:

- PBL in Engineering and Science

- Development of Supervisor Skills,

- Grundkursus for universitetsundervisere.

### 4. Anden form for kvalificering: Konferencedeltagelse, debatindlæg, oplæg m.v. i relation til uddannelse, "Undervisningens dag", o.l.

Poster præsentation på undervisningsdag 2014 omkring gruppedannelsesproblematikken

Workshop omkring gruppebaseret projektsamen 2017

### 5. Undervisningsudviklingsforløb og undervisningsmateriale: Oversigt over medvirken til udvikling af nye moduler, undervisningsmateriale, uddannelser, e-learning, samarbejde med eksterne samarbejdspartnere o.l.

*I have been involved in and initiated several initiatives to evolve teaching methodologies, to ensure quality in our educations, to develop new courses and to re-design existing curricula. These initiatives are located both under the School of Medicine and Health, and School of Engineering and Science, Aalborg University.*

**Methods:**

Introduction of new teaching methods being casework used for technology learning both on first semester and on 4th semester Techno Anthropology.

Development of online material and teaching for partly physical and partly virtual course module at open education for Masters in health informatics.

**Quality insurance:**

Development of content to our new quality insurance system (written description of semesters' content, progress and coherence) used under the study board of health, sports and technology.

Development of group based examination at the study programmes of Medicine. The purpose to present different methods and tools to systematically conduct group based examination in the study programmes of Medicine and exchange experiences with other supervisors/examiners. Group based examination is an essential part of Aalborg University's PBL model.

**Processes:**

Development of teaching processes for group formation process at Techno Anthropology 4th semester to ensure students use of their competences obtained on earlier semesters together.

**Course development:**

Course development of new elective modules 'Methods and Models in clinical information systems', Master of Biomedical Engineering and Informatics, and a new elective module 'Big Data' at Techno Anthropology.

Course development of a mandatory course 'Scientific methods and communication', Master of Health Science and Technology, and Semester coordinating the first Techno Anthropology 4th semester Campus Aalborg.

**Curricula:**

Curricula development for new elective modules, Master of Biomedical Engineering and Informatics, 'Methods and models in clinical information systems' and 'The Semantics of Clinical Information Systems'

Redesigning the curriculum for open education for Master of Information Technology in Health Informatics.

Redesigning the curriculum for Bachelor of Science in Biomedical Engineering and Informatics.

Redesigning the curriculum for Master of Science in Biomedical Engineering and Informatics.

**6. Nominering til og/eller modtagelse af undervisningspriser.**

Nomineret til årets underviser I 2015 på Teknoantropologi

Normineret og valgt som Årets underviser under studienævn for teknoantropologi 2014

Normineret og valgt som Årets underviser under studienævn for teknoantropologi 2016

Normineret og valgt som Årets underviser under Studienævn for Sundhed, Teknologi og Idræt 2018

**7. Evt. personlige refleksioner og initiativer: Personlige overvejelser knyttet til undervisning og vejledning, ønsker til og planer for pædagogisk videreudvikling, planer for opfølgning på undervisningsevalueringer m.v.**

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**8. Andet.**

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