

Undervisningsportfolio

1. Undervisnings-CV: Oversigt over undervisnings- og vejledningsopgaver med angivelse af fagområder, omfang, undervisningsniveau (bachelor, kandidat, efter-/videreuddannelse, ph.d.). Type af undervisningsform angives, f.eks. forelæsning, holdundervisning, øvelse, vejledning, eksamination, censur, fjernundervisning, internetbaseret undervisning og evaluering af undervisning. Undervisningssprog angives.

Teaching Portfolio

Teaching CV: Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching).

My teaching activities are based on the Problem Based Learning model at Aalborg University within the fields of biomedical engineering and medicine.

Undergraduate teaching in Biomedical Engineering is based on project supervision for semesters 3, 4, 7, 9, and 10, covering aspects of analog and digital system design, biological signals data acquisition and processing and human-machine interfacing for research and rehabilitation. Teaching in Clinical Science and Technology is based on project supervision for semesters 2 and 4 (master level) with focus on design principles of medical technology with applications in rehabilitation. Teaching in Medicine and Medicine with Industrial Specialization is based on courses in sensory systems of the human body, courses in CE marking regulatory on semester 3 and 5. Project supervision for semester 3 focuses on investigation of structures and mechanisms of neural and muscular systems. Teaching in Electrical Engineering is based on project supervision for semesters 2, 3, 4, and 8 with applications of robotics in rehabilitation medicine

Postgraduate teaching includes Ph.D. Course Neuromodulation (@ Biomedical Engineering) and Ph.D. general course Advanced Time-Frequency representation course (@ Engineering). The topics include structure and mechanisms for neuromodulation as well as advanced signal processing of biological signals tailored to the students' needs. Supervision for University Pedagogy Programme (Adjunktpædagogikum - @ AAU Learning Lab) addresses to postdocs improving pedagogical competences for undertaking class teaching, supervision, the planning of teaching, and examinations on the university's study programmes. Co-supervisor for two Ph.D. students in Biomedical Engineering. Assisting examinations (censor) adds to teaching experience at the semesters and disciplines mentioned above. Language of instruction is both Danish and English

2. Administration og ledelse af uddannelse: Erfaring med uddannelsesledelse og –koordinering. Oversigt over studieadministrative opgaver, eksempelvis medlem af studienævn, studieleder, semesterkoordinator, fagkoordinator, akkreditering m.v. Erfaringer med planlægning af uddannelsesafvikling. Erfaring med udvikling af uddannelser. Deltagelse i udvalg, kommissioner m.m. vedr. uddannelse.

Skriv dit svar her...

3. Formel pædagogisk uddannelse: Oversigt over gennemførte universitetspædagogiske kursusforløb, PBL-kurser, workshops, udviklingsprojekter, kollegial supervision o.l. Udtalelse fra universitetspædagogikum. Deltagelse i konferencer om pædagogik og didaktik. Dokumentation i form af kursusbeviser, udtalelser m.m. vedlægges.

2014-2015: University pedagogics for assistant lecturers, AAU Learning Lab, Aalborg University

2015: English certification course, AAU Learning Lab, Aalborg University

2012: Problem based learning Workshop, AAU Learning Lab, Aalborg University

2011: PhD Course Supervision and Professional Communication, AAU Learning Lab, Aalborg University

4. Andre kvalifikationer: Bidrag til konferencer, debatindlæg, videnskabelige artikler om pædagogiske emner m.v. Kollegiasupervision, redaktørarbejde, erfaring som mentor og anden kompetenceudvikling.

Postdocs supervision within the University Pedagogy Programme at AAU, Learning Lab

Ph.D. Students co-supervision at Doctoral School, Biomedical Engineering, AAU

5. Pædagogisk udvikling og forskning: Udvikling af nye kurser, undervisningsmateriale, undervisnings- og eksamensformer eller andet udviklingsarbejde. Didaktisk og pædagogisk forskning. Samarbejde med eksterne samarbejdspartnere.

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**6. Udtalelser om undervisningskompetencer fra foresatte og kolleger.
Undervisningsevalueringer og eventuelle udmærkelser for undervisningsvaretagelse.**

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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. Refleksioner over eget pædagogiske arbejde, dets målsætninger, metoder og gennemførelse. I refleksionen analyseres og motiveres dine pædagogiske aktiviteter i forhold til din pædagogiske forståelse og de studerendes læring. Tanker om undervisningsformen på Aalborg Universitet, der har et stort indhold af gruppeorganiseret projektarbejde og problembaseret læring (PBL).

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8. Andet.

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