

Teaching portfolio

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Formal educational training

Lecturer training program (universitetspædagogikum) at Centre for University Teaching, University of Southern Denmark (SDU), 2008

Educational Course: "Teaching in small groups" held at the Faculty of Health Sciences, SDU, 2008

Administrative tasks related to education

Member of the committee for planning the teaching in the module 1 "Life, health and disease" when the medical education was reconstructed into module-based teaching (2006-2007).

Member of the Study Board for Science (2014-2018)

Member of the board of education (UVU) at BMB (2014- present)

Experience with teaching, supervision and examination

Teaching the course BMB509: Bioanalytical Instrumentation, 5 ECTS, mandatory course in the 5th semester in the study programme Biochemistry and molecular biology (BSc). Topics: chromatography and mass spectrometry (lectures: 8h, lab. exercises 16 h/year)

Teaching the course BMB533: Molecular biology and protein chemistry, 10 ECTS, mandatory course in the 3th semester in the study programmes Biochemistry and molecular biology & Biomedicine (BSc). Topics: protein chemistry & methods (lectures: 6h/year)

Teaching module 3 of Bachelor of Medicine / Medical Sciences. Topics: chemistry, protein chemistry (lectures: 14h/semester) Teaching First year projects, FF501, 10 ECTS

Senior supervisor for Ph.D. students, postdocs, M.Sc. students & B.Sc. Students

Internal supervisor for the SDU lecturer training program

Chairman of Ph.D. expert assessment committees at SDU

International member of the Ph.D. expert assessment committee at University of Milano-Bicocca, Italy; Oslo University Hospital, Norway; Lund University, Sweden; Ecole Polytechnique, Palaiseau, France; IRB Barcelona, Spain. External member of the Ph.D. expert assessment committee at University of Copenhagen

Methods, materials and tools

Adopted the three phase model for teaching

Developed a virtual HPLC laboratory exercise based on an open-source HPLC simulator software (<http://www.hplcsimulator.org/>)

Educational development and education research as well as educational awards

Nominated for "Det Sundhedsvidenskabelige Fakultets Undervisningspris 2019"