

Teaching portfolio

1. Teaching CV: A list of teaching and supervision tasks, including specification of academic fields, scope, level (bachelor, master, continuing education, PhD). Please state the teaching method used (e.g. lecture, class teaching, exercises, supervision, examination, coexamination, distance teaching, internet-based teaching and evaluation of teaching). Please also indicate the language of instruction.

Experienced class-room teacher, project supervision and mentor at undergraduate, graduate and ph.d. level since 1997, within i) Biomedical Engineering and Informatics, ii) Medicine and Medicine with Industrial Specialisation, iii) Clinical Science and Technology, and iv) Pain Science and Multi-disciplinary Pain Management (Department of Health Science and Technology). Has supervised more than 30 groups. Examples of courses lectured: Sensory physiology, Neurophysiology, Applied biomedical signal processing. Extensive experience with PhD training including supervision /co-supervision of 30 conferred PhD degrees and several on-going PhD students.

Appointed of the Danish Ministry of Education to act as opponent for the engineering educations in Denmark. (e.g., Faculty opponent, Doctoral dissertation, Chairman assessment committee, Doctoral dissertation).

Teaching methods vary from lecturing, supervision and examination, distance teaching and evaluation of teaching.

Language of instruction is both English and Danish.

2. Study/programme administration and management: Experience in programme management and coordination. A list of study administration tasks, e.g. study board membership, chair of study board, semester or course coordinator, accreditation tasks, etc. Experience in planning teaching activities. Experience in programme development. Participating in committees and commissions etc. on education issues.

Management of PhD Program as Head of Doctoral School (2006-2016, approx. 150 students enrolled)
The Doctoral School in Medicine, Biomedical Science and Technology, Faculty of Medicine, Aalborg University. Approval of new PhD students, approval of provisional and final study plans, ensuring high quality supervision, and an active interaction between the doctoral programme and the PhD students. Coordinated an international evaluation of the activities.

Accreditation of educations.

Key lead in developing and getting two educational programmes approved for implementation at AAU: i) Pain Science and Multi-disciplinary Pain Management, and ii) Musculoskeletal Physiotherapy.

Prior experience with coordination of the teaching activities at 4th semester Biomedical Engineering and Informatics. Assure that the required courses are completed according to the study regulations, coordinate all teaching activities, schedule courses, to get regular feedback from the students and to act as contact person internally in the department.

3. Formal pedagogical training: A list of completed courses in university pedagogy, PBL courses, workshops, academic development projects, collegial guidance and supervision, etc. Written assessment from the course in university pedagogy for assistant professors. Participation in conferences on pedagogy and didactics. Please enclose any documentation of the above, such as course certificates, references, etc

University pedagogy (pædagogikum), Aalborg University, Denmark

4. Other qualifications: Conference contributions and attendance, contributions to debates, scientific articles on pedagogical issues etc. Peer supervision, editorials, mentoring experience or other types of competence development activities.

Supervisor for junior professors attending the university pedagogy training course

5. Pedagogical development and research: Development of new courses, teaching materials, teaching methods, examination types or other types of pedagogical development. Didactic and pedagogical research. Cooperation with external collaboration partners.

Not applicable

6. References on your teaching skills from superiors or colleagues. Teaching evaluations and any teaching awards received.

Not applicable

7. Personal reflections and initiatives: Here you may state any personal deliberations as regards teaching and supervision, any wishes and plans for further pedagogical development, plans for following up on student feedback/evaluations, etc. Personal reflections on your own pedagogical practice, including objectives, methods and implementation. This should include an analysis and a reasoned description of your pedagogical activities in relation to your pedagogical understanding and student learning. Thoughts on the teaching method at Aalborg University (which is largely based on group-organised project work and problem-based learning)

The vision to combine different disciplines within biomedical engineering, medicine and neurosciences together with the international perspective of attracting the best collaborators and educating the best students is a cornerstone of my attempts to provide the best possible training and educational work. As pain research by nature is multidisciplinary, major achievements can only be obtained by interdisciplinary collaborations. This is aligned with the Aalborg University teaching model, which revolves around collaboration, project work and problem-based learning.

8. Any other information or comments.

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