

Formel pædagogisk uddannelse

The university pedagogical course, 'Universitetspædagogikum', at SDU was completed in 2003. Supervisors: Bodil Nielsen (Odense Katedralskole), Søren Schmidt-Nielsen (Sct. Knuds Gymnasium).

Undervisningserfaring

Mathematics: Teaching assistantship 1992-1999. Lecturer 1999-2001.

Biostatistics: Lecturer undergraduate medicine and public health 2002-2012. PhD Biostatistics I+II 2008-present. PhD Analysis of Twin Data 2008-present.

Undervisningsfilosofi

It is my aim to mirror scientific practice as researcher in teaching scenarios. The main idea is to let the students into the loop of inquiring information which leads to hypotheses and modelling that leads to solving and hopefully solutions that again leads to conclusion and interpretation that then will point towards inquiries based on the new experience. This is an iterative process that needs facilitation.

It is my goal to set the stage for the inquiry process of learning.

The main step is to letting the student participate in learning and step into the loop described above.

Focus may shift from different parts of the loop to get the full picture and the detailed pictures, hence time can be devoted to the direct problem solving, but the shift to interpretation and other parts of the loop is necessary. As an illustration, my lecture will often open with one sole figure illustrating some very important concept leading to inquiries obtained in collaboration with the students. In general this has different forms concerning the frame of teaching, that is, whether it is a lecture or small group discussion with students and researchers, however the idea is to obtain participation by inquiries.