

# Teaching portfolio

## 1. Teaching CV

2015 (autumn): Topics in Operation Analysis (database-part); mathematics-economics; MSc level.

2015 (autumn): Computing with Data Using R (partially); PhD level.

2015 (autumn): Supervisor (Eigenfaces); BSc level.

2015 (autumn): Semester coordinator for 1st semester mathematics-technology; BSc level.

2015 (spring): Applied Statistics for engineers (for city, energy and environmental planning; techno-anthropology; and IT, communications and new media); BSc level.

2015 (spring): Statistical methods in forensic genetics: Haplotype evidence and R; lecture at Train the Trainers Workshop (7th EU framework programme).

2010-?: Assisting MSc students, PhD students and postdoctoral researchers with statistics and programming. Section of Forensic Genetics, Department of Forensic Medicine, University of Copenhagen.

2014 (spring): Statistical methods in forensic genetics: Haplotype evidence; lecture at Train the Trainers Workshop (7th EU framework programme).

2014 (spring): Mathematics for Multimedia Applications; BSc

2010-2011: Quantitative research methodology for psychology (SPSS and statistics) for psychology students; BSc level.

2010 (fall): Project supervisor (Cobweb model); BSc level.

2010 (spring): Student instructor in 'Probability and statistics' for engineering students ; BSc level.

2009 (fall): Student instructor in a basic math course 'MR1' for engineering students; BSc level.

2009 (spring): Student instructor in 'Theory of errors' for land surveyor students; BSc level.

2009 (spring): Student instructor in 'Elementary programming' for engineering students; BSc level.

2009 (spring): Student instructor in the math course 'MAT2A' (linear algebra) for engineering students; BSc level.

2008 (fall): Student instructor in the math course 'MAT1A' (calculus) for engineering students; BSc level.

2008 (spring): Student instructor in high school math (bridging course, Aalborg University).

## 2. Study administration

2012-?: Development of math teaching at 1st year at The Faculty of Engineering and Science, Aalborg University. Responsible for streamlining teaching (preparation, material etc.) all first year mathematics courses (linear algebra, calculus, discrete mathematics and a few minor courses). See <http://first.math.aau.dk>.

## 3. University pedagogy qualifications

Expecting to complete "Adjunktpædagogikum" (education in PBL and in university pedagogy) ultimo 2015.

## 4. Other qualifications

2014: Judge in the science talent competition 'Unge Forskere' (competition for high school students).

2012-2013: Judge of math contributions to 'Nordjyllands Naturtalent' (competition for high school students).

## 5. Teaching activity development and teaching materials

2015 (spring): Applied Statistics for engineers: Was a part of reorganising the course, creating shared resources (slides), recorded lectures etc.

2012-?: Development of math teaching at 1st year at The Faculty of Engineering and Science: Was partly responsible, including creating shared resources, screencasts, homepage (<http://first.math.aau.dk>).

## **6. Teaching awards you may have received or been nominated for**

None, yet.

## **7. Personal reflections and initiatives**

None.

## **8. Any other information or comments**

None.