

Scientific work during the PhD-programme

As part of my PhD-programme I have been involved in project- and data management, teaching and supervision as well as analysis and literature research.

I managed the SKOT project together with PhD colleagues. This involved carrying out the remaining examinations of 18 months old children from December 2008 to March 2009, and daily logistic management of the study during this period. From March 2009 I prepared the 36 month examinations. This included updating study protocol, ethical clearance, development of study materials; questionnaires, case report forms, participant information and applying for sponsor gifts. From October 2009 until November 2010 I carried out the 36-months examinations and DEXA scans, including basic laboratory handling of biological samples. This phase of data collection and project coordination was carried out in close collaboration with project-colleagues. Parallel with data collection I was data manager for the SKOT database. This involved coordination of data-preparation and quality-assurance, seeking funds for and coordinating the archiving of SKOT data at the Danish Data Archives. This work lasted until June 2011 where I left for maternity leave. Upon gradually returning from maternity leave during spring/summer 2012 I began a long and troublesome process of preparing accelerometer-data. This work, together with analyses, literature searches and writing in relation to the present thesis and papers, has taken up the rest of my PhD-time.

Dissemination activities have included presentations and lectures on various occasions and topics, including public health, basic statistics and physical activity & health in childhood. Other activities are supervision of interns and students working on the SKOT cohort study; a short poster presentation ('The power of programming', Munich, 2010); invited speaker on a workshop ("Physical activity, diet, sleeping - Impact on Health in Early Childhood", Macao, China, 2013). Lastly, I have written a report to the Danish Health and Medicines Authority in collaboration with Professor Kim Fleischer Michaelsen. The report provided an overview of the scientific literature regarding iron supplementation and cow milk to infants aged 6-12 months, including suggestions for revisions of the current recommendations in this area. Lastly, I have co-authored a number of scientific manuscripts. These are listed at the end of the thesis.