

## Program for PhD course: Pitfalls and methodological considerations in nutritional epidemiology

### Monday

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- 09:00 – 10:30 **Introduction and welcome**  
Berit L. Heitmann, Prof., Research Unit for Dietary Studies, The Parker Institute, Frederiksberg Hospital, and The Department of Public Health, Section of General Practice, University of Copenhagen, Copenhagen, Denmark Copenhagen
- 10:45 – 12:15 **Pitfalls and considerations in the use of nutrition epidemiology in a public health context**  
Inga Tetens, Prof., Department of Nutrition, Exercise and Sports, University of Copenhagen
- 12:15 – 13:15 Lunchbreak
- 13:15 – 14:45 **Regression calibration of nutritional epidemiology**  
Christina Dahm, Associate Prof., Department of Public Health, Aarhus University
- 15:00 – 16:30 **Diet and cancer: what's the evidence?**  
Christina Dahm

### Tuesday

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- 09:00 – 10:30 **Statistical substitution models**  
Marianne Uhre Jakobsen, Senior Researcher at Technical University of Denmark, DTU
- 10:45 – 12:15 **Reporting bias and consequences**  
Berit L. Heitmann
- 12:15 – 13:15 Lunchbreak
- 13:15 – 14:45 **Using ecological data when investigating prenatal exposure.**  
Ina Olmer Specht, PhD and Fanney Thorsteinsdottir, PhD candidate, Research Unit for Dietary Studies, The Parker Institute, Copenhagen
- 15:00 – 16:30 **Systematic reviews and meta-analysis.**  
Mina Händel, PhD and Amélie Keller, PhD, Research Unit for Dietary Studies, The Parker Institute, Copenhagen

### Wednesday

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- 09:00 – 10:30 **Genes and Mendelian randomisation in nutrition epidemiology**  
Laust Hvas Mortensen, Prof., Section of Epidemiology, University of Copenhagen
- 10:45 – 12:15 **Collider-bias - in nutrition epidemiology**  
Laust Hvas Mortensen
- 12:15 – 13:15 Lunchbreak
- 13:15 – 14:45 **Mediation in relations between diet and health**  
Laust Hvas Mortensen
- 15:00 – 16:30 **Problems, pitfalls and possible solutions to diet mis-reporting in nutritional epidemiology**  
James Stubbs, Prof, School of psychology, University of Leeds, UK

### Thursday

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- 09:00 – 10:30 **Energy balance calculations and equations**  
James Stubbs
- 10:45 – 12:15 **Prenatal vitamin D and risk of childhood asthma - an example of confounding by indication**  
Mia Klinton Grand, Postdoc, Section of Biostatistics, University of Copenhagen and Research Unit of General Practice
- 12:15 – 13:15 Lunchbreak
- 13:15 – 14:45 **Methods for measuring body composition**  
Leigh Ward, PhD, School of Chemistry and Molecular Biosciences, University of Queensland, Australia
- 15:00 – 16:30 **The specific use of impedance and other field methods for measuring body composition in nutrition epidemiology studies**  
Leigh Ward

### Friday

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- 09:00 – 12:15 **Analyzing the relationship between early life nutrition and lifestyle and health in later life: identifying and adjusting for potential confounders**  
George TH Ellison PhD DSc., Division of Epidemiology and Biostatistics, University of Leeds, Leeds, UK.
- 12:15 – 13:15 Lunchbreak
- 13:15 – 14:45 **Analyzing the relationship between early life nutrition and lifestyle and health in later life: identifying and adjusting for potential confounders**  
George TH Ellison
- 15:00 – 16:30 **Final discussion, remarks and closure**  
Berit L. Heitmann