

2nd ANNUAL CEFH SYMPOSIUM  
**CENTRE FOR FERTILITY  
AND HEALTH**

**MAY 14-16, 2019**

NORWEGIAN INSTITUTE OF PUBLIC HEALTH  
OSLO, NORWAY

 Norwegian  
Centre of  
Excellence

The Research Council of Norway



CENTRE FOR  
FERTILITY AND HEALTH

## PROGRAM OUTLINE

Time	Monday May 13	Tuesday May 14	Wednesday May 15	Thursday May 16	Friday May 17		
		<b>Aim of the day</b> Presentations of research topics at the Centre	<b>Aim of the day</b> Fun and interesting discussions in Scientific Interest Groups	<b>Aim of the day</b> Scientific Advisory Committee meeting and project meetings			
08:00-09:00	Time available for individual meetings	Coffee and mingling			Various project meetings - to be organised individually	Norwegian Constitution Day - Celebrations	
09:00-12:00		<b>Per Magnus</b> - Welcome <b>Debbie Lawlor</b> - MR-PREG: Methods to understand the causes of adverse pregnancy and perinatal outcomes <b>Jonas Kinge Minet</b> - Income and rank <b>Anne Marie Nybo Andersen</b> - Advanced paternal age: A health risk for the offspring? <b>Mikko Myrskylä</b> - Fertility timing and child health	<b>Siri E. Håberg</b> - Welcome <b>Roberta B. Ness</b> - Innovative thinking in science	SIG sessions    SIG sessions    SIG sessions			Scientific Advisory Committee meeting
12:00-13:00		Lunch					
13:00-16:00		<b>Yudi Pawitan</b> - Inferring causation from heterogeneity in genetic correlations of complex traits <b>Håkon K. Gjessing</b> - Statistics at the Centre <b>Cecilia Ramlau-Hansen</b> - Assessment of puberty in the Danish National Birth Cohort <b>TBA</b> - Title <b>TBA</b> - Title <b>Discussion</b>	SIG sessions    SIG sessions    SIG sessions	Sum up from SIG sessions			
18:00-		Dinner	Informal beer	Ad hoc social events			

# PROGRAM 2nd ANNUAL CEFH SYMPOSIUM

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Program subject to changes

## Tuesday May 14

08:00-09:00 Coffee and mingling

09:00-09:10 *Welcome and purpose of the seminar*  
**Per Magnus**, Centre Director, Centre for Fertility and Health, Oslo, Norway

### Session I

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09:10-09:40 *MR-PREG: Triangulating Mendelian Randomization and other methods to understand the causes of adverse pregnancy and perinatal outcomes*  
**Debbie Lawlor**, University of Bristol, UK

09:40-10:10 *Income and rank*  
**Jonas Minet Kinge**, Centre for Fertility and Health, Oslo, Norway

10:10-10:30 Coffee break

### Session II

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10:30-11:00 *Advanced paternal age: A health risk for the offspring?*  
**Anne Marie Nybo Andersen**, University of Copenhagen, Denmark

11:00-11:30 *Fertility timing and child health*  
**Mikko Myrskylä**, Max Planck Institute for Demographic Research, Germany

11:30-12:00 *Questions, answers and discussions*

12:00-13:00 Lunch

### Session III

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13:00-13:30 *Inferring causation from heterogeneity in genetic correlations of complex traits*  
**Yudi Pawitan**, Karolinska Institutet, Stockholm, Sweden

13:30-14:00 *Statistics at the Centre*  
**Håkon K. Gjessing**, Centre for Fertility and Health, Oslo, Norway

14:00-14:20 Coffee break

### Session IV

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14:20-14:50 *Assessment of puberty in the Danish National Birth Cohort*  
**Cecilia Ramlau-Hansen**, Aarhus University, Denmark

14:50-15:20 *Title*  
**To be announced**

15:20-15:00 *Title*  
**To be announced**

15:50-16:00 *End of meeting*

18:00 Dinner

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## Wednesday May 15

08:00-09:00	Coffee and mingling
09:00-09:30	<i>Innovative thinking in science</i> <b>Roberta B. Ness</b> , University of Texas School of Public Health, Houston, USA
09:30-09:40	<i>Introduction to the Scientific Interest Groups</i> <b>Siri E. Håberg</b> , Centre for Fertility and Health, Oslo, Norway
09:40-12:00	Scientific Interest Groups <i>Parallel sessions</i>
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12:00-13:00	Lunch
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13:00-15:00	Scientific Interest Groups <i>Parallel sessions</i>
15:00-16:00	Sum up from Scientific Interest Groups sessions
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18:00	Informal get together
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## Thursday May 16

08:00-09:00	Coffee and mingling
09:00-12:00	<i>Scientific Advisory Committee meeting</i> Participants: SAC members and CeFH core group
09:00-16:00	<i>Meeting rooms are reserved all day for project meetings (or continued discussions from Wednesday?)</i>

## The Scientific Interest Group sessions

The Scientific Interest Group sessions will be organised as parallel sessions with small discussion groups (5-15 persons). Read more about the purpose of the Scientific Interest Groups below. Our hope for these SIG sessions is that you will be able to engage in interesting discussions with other researchers with similar research interests, within and across disciplines. Hopefully, the discussions will enrich ongoing and future research and lead to the development of ideas (new and existing) for publications, projects and applications in the research field of fertility and health. The group must determine the structure of the discussions. If the group propose any new research ideas, the group must reflect on the feasibility of the project:

- Can you answer the questions with existing data sets in the Centre (or elsewhere)? (shortest time perspective)
- Do you need to apply for other data to answer the questions? (medium time perspective)
- Do you need to collect new data to answer the questions? (longest time perspective)

When registering for the seminar, you can sign up to one or several of the following Scientific Interest Groups:

- The effect of birth order, birth interval and maternal and paternal age for children's health
- The effects of number of children and age at first birth affect later health among women and men
- Fertility and health implications of ART
- Effects of partnership instability on parents' and children's health
- Intergenerational transmission of health and fertility
- Implications of child development across the life course
- Health effects of family policies
- Bio-statistical methods for research in the Centre
- Genetic perspectives on fertility and health
- Social science approaches to studies of how socioeconomic resources and family situation affect people's health: theory, methods and data.
- Personality - how personality traits, general human values and religion affect fertility in terms of timing, spacing and childlessness, and how these relationships may have changed between birth cohorts.

# Scientific Interest Groups at the Centre for Fertility and Health

## What is a Scientific Interest Group?

Scientific Interest Groups (SIGs) are assemblies of scientists with common research interests. The goal of a SIG is to promote interaction between researchers who are working on related topics to discuss the value of new research initiatives, discuss funding opportunities, share experiences and knowledge, and help researchers share the latest techniques and information.

Scientific Interest Groups are social networks within the Centre designed to:

- Encourage stimulating scientific exchange
- Promote collaboration within specific areas of focus throughout the fertility and health community
- Provide opportunities to involve new, current and retired members in the Centre

SIGs can be established for a limited time, or continue over the lifetime of the Centre. The SIGs will have an organic organisation. However, each SIG should have a designated lead who will be responsible for coordinating the activities within the SIG and calling for meetings.

## Why establish Scientific Interest Groups?

It is paramount that a SIG should not be something “in addition” to your regular tasks. It is a way to facilitate collaborations and to showcase the research activities in the Centre. It is also a way to involve collaborators who are not located at the Centre in Oslo. Hopefully, a SIG can be the go-to-place for new researchers and collaborators in the Centre. Joining a SIG means finding individuals within the network who have common scientific goals, challenges and interests.

## What does the Centre expect from a Scientific Interest Group?

- Each SIG must register, and be approved by the core team of the Centre
- Write short status reports to be featured in our annual report
- Invite scientists in the field to discuss their new exciting findings

## What will the Centre provide to the Scientific Interest Groups?

- Each SIG will be presented on our webpage and thus showcase the research activities in the Centre
- The Centre will provide video conference services for meetings
- We aim to provide a listserv-service for the SIGs to facilitate communication within the group
- SIGs will have the opportunity to write short articles to be distributed in our Newsletter
- The Centre will organise annual events and support satellite conferences or symposia organised by the SIGs