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Genetics and Social Sciences Conference
15th-16th June 2023
Auditorium 6, Domus Academica, Sentrum, Oslo

Extraordinary advances in human genetics have taken place since the completion of the Human Genome Project in 2003. But much of this new knowledge on how our DNA shapes us has neglected to consider the social context. Likewise, social science research often ignores the role of genetics. This conference features interdisciplinary research that gets to the heart of how biological and social factors *jointly* shape our lives. We will discuss how genetic influences depend on social context at family and neighbourhood levels, and how social mechanisms such as school and spouse effects can be better understood when incorporating genetic information.

Our diverse line-up features psychologists, sociologists, economists, and geneticists, and we hope that our audience will be even more diverse. The event is open to students and staff across the University of Oslo, even if (especially if!) you don't have a background in genetics!

PROGRAMME

Day 1:

9:00 AM - 9:45 AM: Opening remarks by Rosa Cheesman

9:45 AM - 10:00 AM: Coffee break

10:00 AM -12:00: Session 1 Beyond parents in nature-nurture interplay

How school experiences affect mental health: a genetically sensitive study. Kaili Rimfeld: 10:00 AM - 10:30 AM

Teacher quality interacts with child genetic endowment. Paul Hufe: 10:30 AM - 11:00 AM

11:00 AM - 11:15 AM: Coffee break

For whom neighborhoods matter: Heterogeneous effects of neighborhood on child achievement.

Nicolai Borgen: 11:15 AM - 11:45 AM

Unpacking gene-environment correlation in academic development: Which environments, when and how. Margherita Malanchini: 11:45 AM - 12:15 PM

Discussion led by Arno Van Hootegem: 12:15 - 12:30 PM

12:30 PM - 13:30 PM: Lunch break

13:30 PM - 15:30 PM: Session 2 The Ripple Effect of Love: the impact of partner choice

Assortative mating and indirect genetic effects of spouses. Ruth Eva Jørgensen: 13:30 PM - 14:00 PM

Disentangling intrafamilial effects on maternal depression. Ludvig Bjørndal: 14:00 PM - 14:30 PM

14:30 PM - 14:45 PM: Coffee break

Explaining elevated trait similarity between distant relatives. Nikolai Eftedal: 14:45 PM - 15:15 PM

Discussion led by Ziada Ayorech: 15:15 PM - 15:30 PM

15:30 PM Drinks at Café Skansen.



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Day 2:

9:00 AM - 10:00: Session 1 The future of social science genomics

The Acid We Inherit: Expanding the Boundaries of Social and Behavioral Genomics. Sam Trejo:

9:00 AM - 9:30 AM

Promises and pitfalls of gene-environment interplay research. Chris Rayner: 9:30 AM - 10:00 AM

10:00 AM - 10:15 AM: *Coffee break*

10:15 AM - 12:45 AM: Session 2 From Genes to Paychecks: The Role of Genetics in Structuring Socio-Economic Outcomes

The anatomy of educational choices: How gene-environment interplay shapes our paths. Rosa

Cheesman 10:15 AM - 10:45 PM

Do genes linked to educational attainment influence socioeconomic outcomes beyond school?

Insights from Finland. Henrik Dobewall 10:45 AM - 11:15 AM

11:15 AM - 11:30 AM: *Coffee break*

The inheritance of inequality: Comparing the heritability of socioeconomic status. Joakim Ebeltoft:

11:30 - 12:00 AM

The heritability of occupational class. Arno van Hoogtegem: 12:00 PM - 12:30 PM

Discussion led by Astrid Sandsør: 12:30 PM - 12:45 PM

12:45 PM - 14:00 PM: Lunch



This conference is funded by UiO:Life Science