Dear Yield members,

In this Newsletter, we would like to update you on Yield news and activities.

News

Yield Signature Project
As previously announced, Yield is currently developing a ‘Signature Project’ focusing on self-regulation. Within the signature project, we aim to create multi-disciplinary projects by having our research groups participate, and to collaborate with Sarphati Amsterdam by using their infrastructure and cohort data as much as possible. The Yield Signature Project is currently being drafted by Geertjan Overbeek, Hilde Huizenga, Eddie Brummelman and Helle Larsen. It is primarily based on the themes of the research ideas from the previous Yield-day and the input of ideas from the respective research groups. Subsequently, an introductory meeting together with representatives of Sarphati Amsterdam will take place. Pre-selected subgroups of researchers will be asked to develop a truly interdisciplinary subproject and submit the proposal in a prespecified concise format.

Prizes and grants
- Çisem Gürel received the UvA385 grant for a two-month visit to the lab of Prof. Carol Dweck at Stanford University;
- Mae Nuijs received the Prins Bernhard Cultuurfonds grant and the UvA385 grant for conducting a study at the University of Western Australia in Perth for three months in the lab of Prof. Colin MacLeod;
- Eddie Brummelman received the George Butterworth Young Scientist Award for his contributions to the field of Developmental Psychology.

Yield Graduate Programme
We are happy to announce that Eline Wagemaker will start her PhD project in February 2018. Her project is called: “Same problem, different causes: Individual explanations for susceptibility to peer-influence in adolescents with mild-to-borderline intellectual disabilities” and is funded by Yield and the Department of Psychology (OWI and OZI). The researchers involved are Hilde Huizenga, Anika Bexkens, Tycho Dekkers and Elske Salemink.

Kind regards, on behalf of the Yield team
Frans Oort, Mariëlle de Reuver and Helle Larsen

Yield activities

Rita Vuyk lecture

Date and location: 3rd October, 16:00-17:00 in REC-JK 1.18.
Speaker: Peter Edelsbrunner (ETH Zürich, Switzerland).

Modeling Scientific Reasoning: Psychometric Issues and Developmental Heterogeneity
Scientific reasoning encompasses a multitude of psychological skills and abilities necessary for scientific inquiry. In Study 1 of this talk, I present a review of psychometric modeling practices in
research on scientific reasoning. It turns out that researchers mostly follow a strict Raschian approach, applying exclusively the (unidimensional) Rasch model and approaching model fit from a lenient perspective. Based on simulations, it is discussed how these practices can lead to unwarranted statistical and theoretical inferences about scientific reasoning. In a discussion of the foundations of Rasch modeling, it is conjectured why a recent increase in similar Raschian approaches is conquering Europe, and what to do about this. In Study 2 of this talk, the long-going debate about whether children are able to understand the control-of-variables strategy (CVS) in experimental designs is tackled by assuming that there is both intra- and interindividual variance in this understanding, offering a more complex, yet supposedly more precise answer. Based on two cross-sectional datasets encompassing more than 5000 children, a multilevel mixture modeling approach reveals evidence of such heterogeneity. Both within and between school grades, children differ strongly in their understanding of (multiple choice-based) application tasks, and (open answer-based) explanation tasks of the CVS. This approach thus allows quantifying differing patterns of understanding the CVS, concluding with a discussion of developmental, educational, and methodological implications.

**Colloquium Educational Sciences**
**Date and location:** 5th October, 17:00-19:00 in REC-M 1.01.
**Speakers:** Prof. Alan Daly (Department of Education Studies at the University of California, San Diego) and Dr. Devin Vodicka (Chief Impact Officer of the Innovative Alt School, USA).

There is a limited number of seats, so please register before 1 October via the registration form on [www.cde.uva.nl/lecture-hidden-in-plain-sight](http://www.cde.uva.nl/lecture-hidden-in-plain-sight).

**Hidden in plain sight: The role of social networks and personalisation in learning and innovating in schools.** Alan J. Daly, Ph.D. is Chair and Professor of the Department of Education Studies at the University of California, San Diego. He is also the founding Executive Editor of the new Sage Journal Educational Neuroscience. Alan’s research and teaching are influenced by his 16 years of public school experience in a variety of instructional and leadership roles. His research primarily focuses on the role of leadership, educational policy, and organization structures and the relationship between those elements on the educational attainment of traditionally marginalized student populations. Alan draws on his theoretical and methodological expertise in social network theory and analysis in his work and has multiple publications and a book on the topic published by Harvard Press entitled, Social Network Theory and Educational Change. He has a second co-authored book with Springer entitled, Using Research Evidence in Schools, and another with the American Educational Research Association entitled, Thinking and Acting Systemically: Improving School Districts Under Pressure.

Devin Vodicka, PhD. Over the past 20 years, Devin’s vision for how to drive high-quality student outcomes enabled him to quickly ascend the roles of educator, school principal, district administrator, and superintendent. During his tenure serving Vista Unified’s more than 25,000 students, Devin has earned some of the education industry’s most prestigious awards. Last year, he was named AASA’s “California Superintendent of the Year.” In 2015, he was named ACSA’s “California Superintendent of the Year,” as well as Pepperdine University’s "California Superintendent of the Year." In 2014, he received Classroom of the Future Foundation’s "Innovative Superintendent of the Year" award. Since joining Vista in 2012, he has been invited to the White House nine times; both in recognition for district-wide achievements and to partner on national efforts with the U.S. Department of Education Office of Educational Technology, and the Digital Promise League of Innovative Schools. As AltSchool’s Chief Impact Officer, Devin will guide the design and strategy of the company’s personalized learning platform, as it prepares the platform for expansion into a growing community of private, charter and public schools.
**Overview of Yield meetings**

**AMC Pediatrie Psychologie Kennisoverdracht Bijeenkomst**
These are monthly research meetings, often with (external) presentations. The meetings are held on the third Tuesday of the month from 12:00-13:00.
Contact: Jan Pieter Marchal (j.p.marchal@amc.uva.nl)

**Brain & Cognition**
Biweekly colloquia are held (see http://www.dutcharc.nl/links/labmeetings/).
Contact: Marie Deserno (m.k.deserno@uva.nl)

**Developmental Psychology**
ADAPT-Lab (Addiction Development and Psychopathology Lab). Weekly meetings are held where topics and ongoing research related to addiction and psychopathology are discussed, often with (external) presentations.
Contact: Eva Schmitz (E.A.Schmitz@uva.nl)
Code–P lab meetings are held biweekly. In these meetings, research on cognitive development is presented and discussed.
Contact: Daan van Renswoude (D.R.vanRenswoude@uva.nl)

**Developmental psychopathology and Developmental and parenting problems**
Combined OOP (Susan Bögels’ lab)/ADAPT (Reinout Wiers’ lab) colloquia are held once a month. Here ongoing research is presented and discussed.
Contact: Bram van Bockstaele (B.D.vanBockstaele@uva.nl)

**Educational Sciences**
Educational Sciences organises ‘Educational Sciences Colloquia’ approximately bimonthly. These meetings consist of presentations of research and occasionally external speakers are invited.
Contact: Remmert Daas (R.J.M.Daas@uva.nl)
The research group ‘Developmental disorders and Special education’ also has colloquia that are held monthly. In these meetings, ongoing research is presented and research proposals are discussed.
Contact: Madelon van den Boer (M.vandenBoer@uva.nl)

**Preventive Youth Care**
Biweekly colloquia are held. Ongoing research is presented and discussed.
Contact: Alithe van den Akker (A.L.vandenAkker@uva.nl)

**Psychometrics: Methods & Statistics (POWL) and Psychological Methods (Psychology)**
Combined M&S (POWL) and PM (Psychology) monthly meetings on Psychometrics. Fridays 16:00-17:00.
Contact: Andries van der Ark (L.A.vanderArk@uva.nl)