

Creating an inclusive school environment for deaf and hard-of-hearing (DHH) children



NVA meeting, February 2019

Dr. Adva Eichengreen

Developmental Psychology, Leiden University



Universiteit
Leiden
The Netherlands



Social inclusion of DHH children - background

- Increase in mainstreaming of DHH children in regular schools
- Children have the right to participate in all aspects of school activities (UN convention, 2006)
- DHH children in regular classes face social difficulties and loneliness (Xie et al. 2014)
- This affects their self esteem and long term social, educational and vocational development (Punch & Hyde, 2005)
- Most research focuses on DHH children (e.g. communication abilities, social skills)

How can the school environment facilitate better social inclusion?

School Environment



- We focus on:
 - Social environment (hearing classmates)
 - Physical environment (e.g. acoustics)
- We assess social interactions in all school areas, e.g. free play at the playground
- We use innovative nonobtrusive sensor data technology to understand social interactions in groups (collaboration with Computer Sciences)

School Environment

- Social environment (hearing classmates)
- Physical environment (e.g. acoustics)
- Cognitive-emotional qualities in classmates which promote better social inclusion
- Architectural assessment of all school area
- Providing participants with recommendations for affordable changes
- Looking for the perspectives of DHH children themselves
- Future interventions



Universiteit
Leiden
The Netherlands



Social inclusion of DHH in mainstreamed educational settings:

- Interdisciplinary collaborations:

Prof. Carolien Rieffe

Developmental Psychology, Leiden University

Leiden Centre of Data Science

Dr. Alexander Koutamanis

Architecture, Delft University

Centre of BOLD Cities

Prof. Joost Kok

Computers Science, University of Twente

We are looking for participants!

DHH children groups 6-8 at regular classes

OPROEP DEELNAME ONDERZOEK



**Betere Sociale Participatie
Dove/Slechthorende Kinderen op School**

Samen spelen, samen kletsen, het is niet vanzelfsprekend voor veel dove en slechthorende (DSH) kinderen op reguliere scholen. Wat kan de horende omgeving hieraan doen? En wat zeggen DSH kinderen hierover zelf? Met dit unieke onderzoek willen we kijken naar de manier waarop de sociale participatie van DSH kinderen kan verbeteren door aanpassingen te maken in de schoolomgeving; niet alleen in de klas, maar ook tijdens de pauzes, bijvoorbeeld op het speelplein.

We zijn op zoek naar DSH kinderen in groep 7 en 8 op reguliere scholen. Natuurlijk houden we hierbij de privacy van de kinderen goed in de gaten. En... op basis van dit onderzoek komen er specifieke aanbevelingen, binnen de financiële mogelijkheden van de school.

CONTACT

Voor vragen over dit onderzoek en mogelijke deelname, email aub:

 **Dr. Adva Eichengreen** (in het Engels)
a.eichengrun@fsw.leidenuniv.nl

 **Prof. Carolien Rieffe**
c.rieffe@fsw.leidenuniv.nl

MEER INFORMATIE

Meer lezen over de ideeën van Adva over dit onderzoek? Ga naar:

 <http://bit.ly/over-onderzoek>

<https://www.universiteitleiden.nl/en/news/2018/08/adva-eichengreen-focuses-on-social-participation-of-deaf-and-hard-of-hearing-children>

Dit project is een samenwerking tussen
Universiteit Leiden (Ontwikkelingspsychologie) & TU Delft (Bouwkunde)

 Universiteit Leiden

 TU Delft

Thank you for your attention

a.eichengrun@fsw.leidenuniv.nl

www.focusonemotions.nl

Focus on emotions

Unit Developmental and Educational Psychology
Institute of Psychology, Leiden University



Prof. Carolien Rieffe

Home Research-Projects Instruments People Publications For students In the media Links Login

Congratulations Dr Lucinda

Lucinda successfully defended her thesis entitled 'Emotion regulation in children with autism spectrum disorder' on January the 14th. She was on top of her game and had some very interesting discussions with her opponents. Congratulations on your accomplishment Lucinda!



Carolien, Lucinda, and Prof Kenneth Gadow from Stony Brook University, NY

Evelien at Peer Relations Research meeting



Evelien presented a poster at the annual Peer Relations Research meeting, held at Leiden University. Young as well as more experienced researchers from a variety of universities attended the meeting. Evelien presented her research on the influence of peers' emotions on sharing behaviour in young children.

Who are we?

Our group is dedicated to examining the emotional development of children and adolescents of all walks of life. We have a strong focus on the functionality of emotions, and its impact on children's social development. Besides typically developing children and adolescents, we are interested in the development of those with hearing impairments, with autism spectrum disorders, or with specific language impairments.



From left to right: Carolien, Wendy, Vassia, Naqi, Yaser, Guida, Anneli, Eudine, Miriam, and Jeroen

News

Welcome back Rina

Rina is back from Lebanon, Syria and other war areas, where she provided psychological support to victims of war. She will put her expertise to good use conducting a bachelor project on how to educate children on war and the holocaust. Welcome back Rina!



Gift for baby-to-come

Neeltje received a beautiful package from her bachelor students, full of goodies for mum and baby-to-be. Neeltje will be seizing all research- and teaching-related activities soon, as she will be going on maternity leave.

Around mid February, she is expected to give birth to her second child. Enjoy this time of relative peace and quiet with just one child to look after, Neeltje

New collaborations

Guida Weiga is once again visiting us from Portugal to discuss her studies on play in typically developing children. Joost Kok and Arno Knobbe from the LIACS and Johan Frijns from the university hospital's ENT department joined a meeting to explore the options for future