



Universiteit
Leiden
The Netherlands

Me, My Friends, and I : a neuro-ecological perspective on adolescent prosocial development

Meuwese, R.

Citation

Meuwese, R. (2017, October 31). *Me, My Friends, and I : a neuro-ecological perspective on adolescent prosocial development*. Retrieved from <https://hdl.handle.net/1887/54943>

Version: Not Applicable (or Unknown)

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/54943>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/54943> holds various files of this Leiden University dissertation.

Author: Meuwese, R.

Title: Me, My Friends, and I : a neuro-ecological perspective on adolescent prosocial development

Issue Date: 2017-10-31

ME, MY FRIENDS, AND I

*A neuro-ecological perspective
on adolescent prosocial development*

Rosa Meuwese

© Rosa Meuwese, 2017

ISBN: 978-94-6332-255-3

Cover design: Emma Steringa & Rosa Meuwese

Printed by: GVO drukkers & vormgevers B.V. | Ponsen & Looijen, Ede, The Netherlands

The research described in this thesis was supported by the European Research Council (ERC Innovative Ideas) awarded to Eveline Crone (ERC-2010-StG-733263234) and the Netherlands Organization for Scientific Research (NWO grant number 451-10-021) awarded to Berna Güroğlu.

ME, MY FRIENDS, AND I

A neuro-ecological perspective on adolescent prosocial development

Proefschrift

ter verkrijging van
de graad van Doctor aan de Universiteit Leiden
op gezag van Rector Magnificus prof.mr. C.J.J.M. Stolker,
volgens besluit van het College voor Promoties
te verdedigen op 31 oktober 2017

door

Rosa Meuwese
geboren te Weesp
in 1983

Promotor:

Prof. dr. E.A. Crone

Co-promotor:

Dr. B. Güroğlu

Promotiecommissie:

Dr. G.J. Lelieveld

Prof. dr. P.M. Westenberg

Prof. dr. S.J.T. Branje (Universiteit Utrecht)

Prof. dr. W.M. Bukowski (Concordia University)



Voor mijn kinderen

CONTENTS

CHAPTER 1	<i>General introduction</i>	9
CHAPTER 2	<i>Development of equity preferences in boys and girls across adolescence</i>	25
CHAPTER 3	<i>A longitudinal structural brain imaging study on adolescent development of social brain regions: Testing the relation with changes in friendship quality</i>	49
CHAPTER 4	<i>Friends in high places: A dyadic perspective on peer status as predictor of friendship quality and the mediating role of empathy and prosocial behavior</i>	75
CHAPTER 5	<i>What lies beneath in adolescent likability among peers? Exploring the motivational role of Nucleus Accumbens responsivity for self-serving and prosocial rewards</i>	103
CHAPTER 6	<i>Summary and discussion</i>	125
	<i>Nederlandse samenvatting</i>	138
	<i>Supplementary material</i>	146
	<i>References</i>	154
	<i>List of publications</i>	162
	<i>Curriculum Vitae</i>	164