

## CURRICULUM VITAE

**Name:** Dorret I. Boomsma (female)  
**Present Position:** Full Professor, Dept. Biological Psychology, Vrije Universiteit  
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### Work:

1998-present Full professor (Dept. of Biological Psychology, Vrije Universiteit, Amsterdam)  
1998-2016 Head of department (Biological Psychology, Vrije Universiteit, Amsterdam)  
1994-1997 UHD (Associate professor, Dept. of Psychophysiology, Vrije Universiteit, Amsterdam)  
1990-1994 UD (Assistant professor, Dept. of Psychonomics, Vrije Universiteit, Amsterdam)  
1985-1990 Researcher, Genetics of Cardiovascular Risk Factors (Vrije Universiteit, Amsterdam)  
1984-1985 Statistician (Dept. of Dental Surgery, Vrije Universiteit, Amsterdam)

### Education:

Institution	Degree	Year	Field of study
• Vrije Univ Adam, NI	PhD ( <i>cum laude</i> )	1992	Quantitative Genetics : Analysis of Cardiovascular Risk Factors in Twins and their Parents. Thesis supervisors: Prof. JF Orlebeke (VU), prof. PC Molenaar (UvA)
• Univ Colorado, USA	MA	1983	Biological Psychology/Behavior Genetics
• Vrije Univ Adam, NI	MA ( <i>cum laude</i> )	1983	Psychophysiology
• Vrije Univ Adam, NI	-	-	Philosophy
• Vrije Univ Adam, NI	BA ( <i>cum laude</i> )	1979	Psychology
• W. Zwijger Lyceum, Bussum, NI	Gymnasium $\beta$	1976	Greek, Dutch, English, Mathematics, Physics, Chemistry, History

### Awards and honors:

2022 **Ming Tsuang Lifetime Achievement Award** (Int Society Psychiatric Genetics: <https://ispg.net/congratulations-2022-honorific-award-winners/> )  
2022 **Doctor honoris causa**, University of Helsinki, Faculty of Medicine  
2021 **Top 25** Life & Biological Sciences Article: Nature Comm: (doi: 10.1038/s41467-021-25583-7)  
2019 **Top author** biomedical sciences 2018 (<https://www.natureindex.com/news-blog/top-authors-in-the-biomedical-sciences>)  
2019 **Fulker award** for best paper in Behavior Genetics, 2018 (with CC Minică and others)  
2016 **EJHG Honors Award** most influential paper ‘The Genome of the Netherlands’ (EJHG, 2014)  
2014 **KNAW Academy Professor Prize** (<https://www.knaw.nl/nl/actueel/nieuws/prijzen-akademiehoogleraren-voor-dorret-boomsma-en-bert-meijer>): awarded for lifetime exceptional achievement.  
2013 **Dobzhansky Award** for lifetime achievement in Behavior Genetics (<http://bga.org/historical-awards-2/>)  
2012 **Member Academia Europaea** (<http://www.ae-info.org/> )  
2011 **NARSAD established investigator** (<http://bbrfoundation.org/>)  
2011 **KNAW Merian Prize** ( <https://www.knaw.nl/en/awards/prijzen/knaw-merianprijzen>)  
2009 **Dr Hendrik Muller Prize for Behavioural and Social Sciences achievements** (<https://www.knaw.nl/nl/prijzen/prijzen/hendrik-muller-prijzen-voor-de-gedrag-en> )  
2008 **ERC established investigator: Genetics of Mental Illness**  
2002 **Spinoza Prize**. This is the highest personal scientific award in the Netherlands for top researchers, for “excellent accomplishments” (<http://www.nwo.nl/en/research-and-results/programmes/spinoza+prize> )  
2002 **James Shield Award** (awarded by the International Society for the Study of Twins)  
2001 **Member KNAW** (Royal Netherlands Academy of Sciences: <http://www.knaw.nl/> )  
2001 **Member Koninklijke Hollandse Maatschappij der Wetenschappen** (<http://www.khmw.nl/>)  
1996 **Junior-Heymans Award** (awarded by the Netherlands Psychological Association)  
1985 **Thompson Award** (awarded by Behavior Genetics Association)

## Research statement

My research interest is in the etiology of population variation in physical and mental health, normal and abnormal human behavior and cognition. I study the genetic and biological basis of individual differences using approaches from genetic epidemiology, psychophysiology and molecular genetics. These methods have a firm basis in the theory of quantitative genetics and I believe this approach is the strongest to elucidate etiological pathways to complex behavioral and neuropsychiatric traits and common diseases.

In 1987 I established the Netherlands Twin Register (NTR: [www.tweelingenregister.org](http://www.tweelingenregister.org)). Over 200,000 twins and family members are registered. NTR collects epidemiological data by longitudinal surveys and in-depth phenotypes in subgroups for psychiatric assessment, developmental studies of cognition, growth and the brain, IQ, neuropsychology, and metabolic and cardiovascular risk. NTR biobank contains biological samples in >30.000 participants (DNA, RNA, cell lines, buccal cells, serum, plasma, urine). DNA and RNA sequence, epigenetic and metabolomics data are available in subgroups. Genotyping was done in >25.000 persons and forms the basis for many genome-wide association projects in international consortia. A longstanding interest is the genetics of twinning and fertility and twinning as a risk factor for health and recently we obtained significant breakthroughs in the genetics and epigenetics of DZ and MZ twinning.

## Service to twins and twin families

To serve the special needs of twin families dr P Zwijnenburg and I established a clinic for twins, parents of twins, patients, their physicians and caretakers with any type of (health-related) question that they feel needs to be addressed with an awareness of their twin status. I attend and give talks and workshops at the meetings of the Netherlands Society for Parents of Multiples (NVOM) as well as other lay audiences.

## Team building and collaborations

I was head of department between 1998 and 2016, when the department grew from around 12 to over 45 fte. I built a strong research group, which has attracted outstanding PhD's, postdocs (several of whom are full professors in the Netherlands and abroad) and professional colleagues. In 2012, my department received the highest score for research performance (the only psychology department in the Netherlands to do so).

A major part of my work is collaborative, within BBMRI-NL (Biobanking and Biomolecular Resources Research Infrastructure), the Consortium on Individual Development (CID), Open Data Infrastructure for Social Science and Economic Innovations (ODISSEI) and the National Cohort Consortium (NCC).

Internationally I am active in European Network for Genetic and Genomic Epidemiology (ENGAGE), GenomEUtwin, Psychiatric Genomics Consortium (PGC), EARly Genetics and Life course Epidemiology (EAGLE), and Early Growth Genetics (EGG) consortia. I am PI of the Twinning Genetics Consortium (TGC) and EU-FP7-ACTION (Aggression in Children: unravelling gene-environment interplay to inform Treatment and InterventiON).

## Research and Research management

2019-2021 KNAW advice: Storage and availability of data for research

(<https://www.knaw.nl/nl/actueel/publicaties/storage-and-availability-of-data-for-research> )

2019-present GA Roadmap X-omics consortium

2017-present Amsterdam Public Health (APH) Mental Health Research Institute: Research Program Council ([www.amsterdamresearch.org/web/public-health/home.htm](http://www.amsterdamresearch.org/web/public-health/home.htm) )

2017-present Amsterdam Reproduction & Development Research Institute Research: Board member ([www.amsterdamresearch.org/web/reproduction-and-development/home-1.htm](http://www.amsterdamresearch.org/web/reproduction-and-development/home-1.htm))

2017-present ODISSEI (Open Data Infrastructure for Social Science and Economic Innovations): Management Board ([odissei-data.nl/nl/](http://odissei-data.nl/nl/) )

2017-present HPC (High Performance Computing) Raad, VU

2013-present CID, Consortium Individual Development: Steering committee ([www.individualdevelopment.nl/](http://www.individualdevelopment.nl/))

2015-present BBMRI.2 (Biobanking and Biomolecular Resources Research Infrastructure: [www.bbmri.nl/](http://www.bbmri.nl/))

2015-2020 Principal Investigator FP7-EU-ACTION project (Aggression in Children: unravelling gene-environment interplay to inform Treatment and InterventiON <http://www.action-euproject.eu/>)

2017-2018 VSNU Klankbordgroep gedragscode gebruik persoonsgegevens wetenschappelijk onderzoek

2012-2015 Neuroscience Campus Amsterdam: Management ([www.neurosciencecampus-amsterdam.nl](http://www.neurosciencecampus-amsterdam.nl))

2010-2014 BBMRI.1 (Biobanking and Biomolecular Resources Research Infrastructure): Steering Board

2009-2014 ENGAGE (European Network for Genetic and Genomic Epidemiology) Steering Board

2011	Established with dr Zwijnenburg the VUMC Twin Clinic for twins and twin families
2002-2008	GenomEUtwin: Consortium Steering Board
2004-2009	CNCR (Centre Neurogenomics and Cognition Research): Research Council
2003-2005	CMSB (Centre Medical and Systems Biology): Steering Board
1987	Established Netherlands Twin Register (NTR: <a href="https://tweelingenregister.vu.nl/">https://tweelingenregister.vu.nl/</a> )

### Education management

2018	Research Master Genes in Behavior and Health ( <a href="https://masters.vu.nl/en/programmes/genes/">https://masters.vu.nl/en/programmes/genes/</a> )
2000-2010	Examination committee MA Neuroscience (VU University)
1993-1996	Chair Graduate school Experimental Psychological Research School (EPOS)

### Publications

- Scientific papers: please see <https://research.vu.nl/en/persons/di-boomsma/publications/> and <https://tweelingenregister.vu.nl/onderzoekers/publications> for a pdf of most papers.
- H-index (web of science): 148
- Book contributions and other publications (book reviews, Dutch papers, etc.): > 100

### Selected Academic Publications

- Hagenbeek FA, et al., **Boomsma DI**. Integrative Multi-omics Analysis of Childhood Aggressive Behavior. *Behav Genet*. 2022. doi: 10.1007/s10519-022-10126-7.
- van Dongen J, et al. **Boomsma DI**. Identical twins carry a persistent epigenetic signature of early genome programming. *Nat Commun*. 12(1):5618. doi: 10.1038/s41467-021-25583-7, 2021
- Ip HF et al. **Boomsma DI**. Genetic association study of childhood aggression across raters, instruments, and age. *Transl Psychiatry*. 11(1):413, 2021
- Zondervan-Zwijnenburg MAJ, et al., **Boomsma DI**. Parental Age and Offspring Childhood Mental Health: A Multi-Cohort, Population-Based Investigation. *Child Dev*. 91(3):964-982, 2020
- Hagenbeek FA, et al., **Boomsma DI**. Heritability estimates for 361 blood metabolites across 40 genome-wide association studies. *Nat Commun*. 11(1):39. doi: 10.1038/s41467-019-13770-6, 2020
- Ligthart L, et al., **Boomsma DI**. The Netherlands Twin Register: Longitudinal Research Based on Twin and Twin-Family Designs. *Twin Res Hum Genet*. 22(6):623-636, 2019
- Mbarek H, et al., **Boomsma DI**. Identification of Common Genetic Variants Influencing Spontaneous Dizygotic Twinning and Female Fertility. *Am J Hum Genet*. 2016 pii: S0002-9297(16)30043-X
- van Dongen J, et al., **Boomsma DI**. Genetic and environmental influences interact with age and sex in shaping the human methylome. *Nat Commun*. 7: 11115, 2016
- Wright FA, Sullivan PF, et al., **Boomsma DI**. Heritability and genomics of gene expression in peripheral blood. *Nat Genet*. 46(5): 430-7, 2014
- The Genome of the Netherlands Consortium. Whole-genome sequence variation, population structure and demographic history of the Dutch population. *Nat Genet*. 46(8): 818-25, 2014
- van Dongen J, Slagboom EP, Draisma HHM, Martin NG, **Boomsma DI**. The continuing value of twin studies in the omics era. *Nat Rev Genet*. 13(9):640-53, 2012
- Koten JW, Wood G, Hagoort PG, Goebel R, Propping P, Willmes K, **Boomsma DI**. Genetic contribution to variation in cognitive function: an fMRI study in twins. *Science*. 323 (5922),1737-1740, 2009
- **Boomsma DI**, Busjahn A, Peltonen L, The classical twin study and beyond. *Nat Rev Genet* 3(11), 872-882, 2002
- Posthuma D, Geus EJC de, Baaré WFC, Hulshoff-Pol HE, Kahn RS, **Boomsma DI**. The association between brain volume and intelligence is of genetic origin, *Nat Neuroscience*, 5, 83-84, 2002

### General publications

- Book editor: *Twin research: What multiples can tell us about humans*, 2008 (a free pdf is available at: [www.tweelingenregister.org/publicaties/tweelingonderzoek-wat-meerlingen-ons-vertellen-over-de-mens/](http://www.tweelingenregister.org/publicaties/tweelingonderzoek-wat-meerlingen-ons-vertellen-over-de-mens/) ).
- 1986-2022 “Twinfo” (~50.000 copies): yearly newsletter published for the participants in the Twin Register; all issues are available at: <https://tweelingenregister.vu.nl/deelnemers/informatie/twinfo-ons-digitale-magazine>
- Individual feedback of results to participants: <https://tweelingenregister.vu.nl/deelnemers/informatie/mijnntr>
- Book reviews in *Science*, *Nature Genetics*, *Twin Research and Human Genetics*

## Other Activities

I review for the leading journals in genetics, psychology and psychiatry as well as many specialist journals and was associate editor for *Behavior Genetics*. I review grants for funding bodies in the Netherlands and internationally, including ERC, for the Deutsche Forschungsgemeinschaft (DFG), the Australian Research Council (ARC) and Wellcome Trust (UK). I have served on multiple appointment advisory committees. In the Netherlands I served on advisory boards to the government (Health Council, SWR, KNAW committees). I give yearly lectures for the general public and lay organizations (e.g., parents of twins). I give multiple guest lectures and keynote addresses to various organizations.

## Invited lectures (selection)

- 2022 (Epi)genetics and the extended twin design. Norwegian Institute of Public Health. Oslo, Norway
- 2020 Twin research. Grand Rounds, Avera Health Systems (Sioux Falls, USA)
- 2019 Twin and SNP-based studies of metabolomics traits. Metabolomics Society (The Hague, NL)
- 2018 Longitudinal twin-family data and causality. Wellcome Sanger Inst. Hinxton (Cambridge, UK)
- 2017 Psychometrics and Genetics. Int Meeting Psychometrics Society (Zurich, Switzerland)
- 2017 Contributions from twin studies to gene discovery. Centre for Genomic Regulation (Barcelona)
- 2016 Biology of dizygotic twinning. Eu Society of Human Reproduction and Embryology (Helsinki)
- 2015 Heritability of epigenic marks. Imperial College (London, UK)
- 2015 Breakthroughs in twin research. SRON Netherlands Institute for Space Research (Netherlands)
- 2014 Omics and twins. Wellcome Sanger Inst. Hinxton (Cambridge, UK)
- 2014 The value of twin studies in the omics era. Dobzhansky keynote lecture (Charlottesville, USA)
- 2013 Twins, Genomes, and Behavior. Wellcome Trust, Oxford
- 2012 The value of twin studies in the omics area. Frontiers in Biomedical Research (HKU, Hong Kong)
- 2012 NTR and microbiomics. Pfizer (San Fransisco, USA)
- 2011 Genetic epidemiological and Biobank projects: a life span approach (EnVivo, Boston, USA)
- 2010 Netherlands Twin Register: Longitudinal genetics studies across the life span. NIMH (Washington)

## Advisory work (selection)

- 2020 MRC (Medical Research Council, UK). Portfolio Review Population and Public Health.
- 2019 The Netherlands eScience Center Evaluation committee
- 2017-2018 KNAW committee: Toegankelijkheid van publieke en semi-publieke administraties voor onderzoek ([www.knaw.nl/nl/adviezen/gepubliceerde-adviezen/toegankelijkheid-data](http://www.knaw.nl/nl/adviezen/gepubliceerde-adviezen/toegankelijkheid-data))
- 2016-2019 Scientific Advisory Board RIVM Staat van Volksgezondheid en Zorg
- 2015-2017 Klankbordgroep (advisory board) Nationale Wetenschapsagenda
- 2013-2021 Fachbeirat (advisory board) Max Planck Institute for Psycholinguistics, Nijmegen
- 2011-2020 SWR (Social Sciences Council) of the Royal Academy of Science (<https://www.knaw.nl/nl/adviezen/adviesraden-en-adviescommissies/sociaal-wetenschappelijke-raad/>)
- 2009 -2014 European Research Council LS2 panel member (for established investigator grants)
- 2008-2015 Health Council of the Netherlands (Gezondheidsraad) / section Genetics
- 2000-2005 Scientific Advisory Board Gemini Genomics (Cambridge UK)

## Other

- 2016-present Jury member for Klaus J. Jacobs Research Prize (<http://jacobsfoundation.org/>)
- 2020-present Vice voorzitter Genootschap Spinoza- en Stevinlaureaten
- 2017-2019 Scientific advisory board NEMO Science Museum; exhibition Humania
- 2015 Jury Johannes Ruigrok prijs (Koninklijke Hollandse Maatschappij der Wetenschappen)
- 2010-2016 Advisory Board “Nationale Denktank” (<https://nationale-denktank.nl/>)
- 2010 Jury Heineken Young Scientists Awards (HYSA)
- 2007-2015 Jury Huibregtsen prize for Science and Society
- 2006-2015 Board member “Avond van Wetenschap & Maatschappij” (<https://www.avondwenm.nl/>)
- 2008-2009 President Behavior Genetics Association (BGA)
- 2007 -present Fellow Association Psychological Science
- 2000 -2009 ISTS (International Society Twin Studies) board member
- 1992-1999 Chair Twin Research Methodology Group International Twin Society
- 1988-1991 Executive Committee Behavior Genetics Association

## Grants and funding

Major funding has come from NWO, ZonMW (Dutch funding agencies scientific - medical research), Human Frontiers Science, National Institutes of Health (USA) and the European Commission (FP5, FP7, ERC). I concluded an agreement with Gemini Genomics in 2000 (Cambridge UK) and sat on their Scientific Advisory board and in 2010 with Pfizer (San Francisco). A substantial part of genotyping in the NTR was funded through the NIH and NIMH (linkage scans: Marshfield Laboratories and GWA data through the GAIN and Grand Opportunity initiatives). In 2008 I was awarded an established investigator grant from the European Research Council (ERC); in 2012 I was one of the PIs on the Consortium on Individual Development (NWO Zwaartekracht) in the Netherlands and in 2014 one of the co-PIs on the BBMRI2 roadmap infrastructure. In 2014 I obtained an FP7 grant as PI of the Action consortium on pediatric aggression. I obtained an infrastructure grant from NWO in 2016 for establishment of a repository for the Netherlands Twin Register and in that same year formalized a scientific collaboration with Avera Institute for Human Genetics (USA).

## Teaching:

International Statistical Genetics Methodology Workshop (Europe/USA 1987-2023), *founding faculty*  
Quantitative Genetics (MA, PhD and post-graduate level)

Molecule to Mind (graduate level)

Behavior Genetics (BA, graduate level)

Personality theory (BA level), Psychiatric Genetics (BA level)

Research Master program: Genes in Behavior and Health: Complex Trait Genetics, Epigenomics and sequencing

Research Master program: coordinator second year RM thesis program

Supervision BA, MA and RM thesis projects

**Ere-promotor:** Prof L Eaves: Contributions to Behavior Genetics. VU 2000 (doctor *honoris causa*)

**PhD supervision completed** (underlined: now working as full prof).

1. CV Dolan: Biometric decomposition of phenotypic means in human samples. 1992 (Molenaar, Boomsma)
2. EJCG van den Oord: A genetic study of problem behaviors in children. 1993 (Boomsma, Verhulst)
3. W Meulemans: The genetics of dizygotic twinning, Univ. Leuven, 1994 (Vlietinck, Boomsma)
4. CEM van Beijsterveldt: The genetics of electrophysiological indices of brain activity. An EEG study in adolescent twins, 1996 (Boomsma, Molenaar, Orlebeke)
5. H Snieder: Genetic epidemiology of risk factors for coronary heart disease. A study of middle-aged twins, 1996 (Boomsma, van Doornen, Orlebeke)
6. FV Rijdsdijk: The genetics of neural speed. A genetic study on nerve conduction velocity, reaction times and psychometric abilities. VU, 1997 (Boomsma, Orlebeke)
7. GCM van Baal: A genetic perspective on the developing brain. Electrophysiological indices of neural functioning in 5- to 7-year old twins. VU, 1997 (Boomsma, Orlebeke)
8. JR Koopmans: The genetics of health-related behaviors. A study in adolescent twins and their parents. VU, 1997 (Boomsma, Orlebeke)
9. JC Van der Valk: The genetic and environmental contributions to children's problem behaviors: A developmental approach. EUR/VU, 2001 (Boomsma, Verhulst)
10. D Posthuma: Genetic variation and cognitive ability. VU, 2002 (Boomsma, de Geus)
11. M Van den Berg: Mediating factors in the association between anxious depression and cardiovascular disease risk. VU, 2002 (Boomsma)
12. M Bartels: Genetic influences on behavioral, cognitive and hormonal characteristics during childhood. VU, 2003 (Boomsma)
13. MJH Rietveld: Heritability of cognitive abilities and of attention problems. A longitudinal twin study in childhood, VU, 2003 (Boomsma)
14. M Beekman: Towards mapping QTLs influencing parameters of lipid metabolism in human twins. LUMC/VU, 2004 (Slagboom, Boomsma)
15. R Ijzerman: Birth weight, microvascular function and cardiovascular risk factors. VU, 2004 (Stehouwer, Deleamarre, Boomsma)
16. JM Vink: Twin-family study of smoking behaviour. VU, 2004 (Boomsma)
17. N Kupper: Heritability of cardiovascular risk factors in a real-life setting. VU, 2005 (de Geus, Boomsma)

18. *C Middeldorp*: The role of genetic factors and life events in the development of anxiety and depression. VU, 2006 (Boomsma, van Dyck)
19. *J Stubbe*: The genetics of exercise behavior and well-being. VU, 2006 (de Geus, Boomsma)
20. *I Rebollo*: Type AAA Personality Pattern: Anger, Type A and Aggressive Behavior. VU, 2006 (Boomsma)
21. *E Derks*: Assessment and genetic etiology of attention problems, hyperactivity and related disorders. VU, 2006 (Boomsma)
22. *T Polderman*: Genetics of attention and executive functioning. VU, 2007 (Boomsma, Verhulst)
23. *R Hoekstra*: Autistic traits, withdrawn behaviour and cognition: A longitudinal study from early childhood to young adulthood VU, 2007 (Boomsma)
24. *D Smit*: A genetic perspective on electrophysiological measures of brain function. VU, 2007 (de Geus, Boomsma)
25. *F Gosso*: Common genetic variants underlying cognitive ability. VU, 2008 (Boomsma, Heutink)
26. *EAP Poelen*: The role of genes and environment in adolescents' and young adults' alcohol use, Radboud, 2008 (Engels, Boomsma)
27. *D van Grootheest*: Obsession. The genetic and environmental architecture of obsessive-compulsive symptoms. VU, 2008 (Boomsma, Beekman)
28. *J Peper*: The early pubertal brain: work in progress. A study on genetic and hormonal influences. UMC, Utrecht, 2008 (Hulshoff –Pol, Boomsma)
29. *M van Leeuwen*: A study of cognition in pre-adolescent twins. VU, 2008 (Boomsma, Hulshoff-Pol)
30. *M de Moor*: Exercise behavior and mental health: A genetic perspective. VU, 2009 (de Geus, Boomsma)
31. *C Hoekstra*: Dizygotic Twinning. VU, 2009 (Boomsma)
32. *M Distel*: Genetics of Borderline Personality Disorder. VU, 2009 (Boomsma)
33. *L Ligthart*: Genetics of Migraine. VU, 2010 (Boomsma)
34. *N van der Aa*: Causes of Variation in Adolescent Wellbeing. VU, 2011 (Boomsma)
35. *F Estourgie- van Burk*: Variation In Growth And The Influence Of Early Growth In Later Life: A Twin-Sibling Study, VU, 2011 (Boomsma, Deleamarre-van de Waal, Fetter)
36. *R Slof*: Genetic Determinants of Eating Disorders. Leiden, 2011 (Slagboom & Boomsma)
37. *I van Soelen*: Genetic and Environmental Influences on Structural Brain Development and Cognition. VU, 2011 (Boomsma, Hulshoff)
38. *S Robbers*: The development of children's problem behaviors: a twin-singleton comparison and the influence of parental divorce. EUR, 2012 (Verhulst, Boomsma)
39. *A den Braber*: Genetic & Environmental risk factors for Obsessive-Compulsive Symptoms: Do they affect the same brain? VU, 2012 (de Geus, Boomsma)
40. *L Geels*: A developmental perspective on the etiology of alcohol use and comorbid traits. VU, 2013 (Boomsma)
41. *J van Beek*: Genetics of alcohol use and liver enzymes. VU, 2013 (Boomsma)
42. *D Lamb*: Risk factors for childhood problem behavior. VU, 2013 (Boomsma)
43. *M Groen-Blokhuis*: Keeping focus: a study on Attention Problems in the GWAS era. VU, 2014 (Boomsma)
44. *A Abdellaoui*: Behavior ↔ Genetics. VU, 2014 (Boomsma, Penninx)
45. *S Franic*: Structural Equation Models to Next-Generation Sequencing. VU, 2014 (Boomsma, Dolan)
46. *E de Zeeuw*: Educational Achievement in Children: Twinning, Teachers and Genes. VU, 2015 (Boomsma, de Geus)
47. *J van Dongen*: (Epi)genetics and twins. VU, 2015 (Boomsma, Slagboom)
48. *M Nivard*: Developmental genetics of psychopathology. VU, 2015 (Boomsma, Dolan)
49. *C Minica*: Family-Based Genetic Association Analysis: Methods and Applications to Addiction Phenotypes. VU, 2016 (Boomsma, Vink)
50. *J Treur*: A genetically informative study of addictive behavior with a focus on smoking. VU, 2016 (Boomsma, Vink)
51. *S Swagerman*: Cognitive performance across the lifespan and domains. VU, 2016 (Boomsma, de Geus, Hulshoff Pol)
52. *I Fedko*: Computational approaches in genetics with a focus on GoNL and twin studies. VU, 2016 (Boomsma)
53. *W. Peyrot*: The complex link between genetic effects and environment in depression. VU, 2017 (Penninx, Boomsma)

54. *B Lin*: Using genetic methods to get insight into human complex traits. VU, 2017 (Boomsma)
55. *M Koenis*: Developmental changes in hormone levels, cognition and brain networks throughout adolescence. UU, 2017 (Hulshoff Pol, Boomsma)
56. *N Zilhão*: Impulsive and compulsive behaviors: a genetic perspective. VU, 2018 (Boomsma)
57. *L Wesseldijk*: Risk factors for the development and outcome of childhood psychopathology. VU, 2018 (Boomsma)
58. *S Veldkamp*: Childhood individual differences. Risk and protective factors in twin and population cohorts. VU, 2019 (Boomsma, Bartels)
59. *H Peters*: Intrauterine mix-up: chimerism & endocrinology. VUMC, 2020 (Lambalk, Mijatovic, Boomsma, Verhoeven)
60. *J Teeuw*: Genetic influences on structural and functional brain maturation. UMCU, 2020 (Hulshoff Pol, Boomsma)
61. *J Beck*: Molecular Genetic Investigation of Twins, Families, and Populations. VU, 2021 (Boomsma)
62. *B van Keulen*: Glucocorticoid regulation throughout childhood: developmental aspects. VU, 2022 (Goudoever, Boomsma, Finken, Rotteveel)
63. *C van der Laan*: It runs in the family: A genetically informative study of individual differences in aggression. VU, 2022 (Boomsma)
64. *F Hagenbeek*: Omics, Biomarkers, and Aggressive Behavior. VU, 2022 (Boomsma, Bartels)
65. *V Odintsova*: Genetics and epigenetics of early life development. VU, 2022 (Boomsma, Dolan)
66. *B Johnson*: Molecular investigation of minor genomic populations and biological exposures in human health. VU, 2023 (Boomsma, Willemsen, Ehli)