

Klaasjan Ouwens



Work experience

Embedded PhD student

Vrije Universiteit, Amsterdam December 2014– present

Promotors: prof. Dorret Boomsma & prof. Brenda Penninx

Under the working title “Next Generation Bioinformatics” I am investigating genetic differences between monozygotic twins, as well as the feasibility of large-scale genetic analysis using next generation sequence data. This is in collaboration with software company Genalix.

Research assistant

Vrije Universiteit, Amsterdam October 2014– November 2014

VU-Boomsma University Research Fellow

Vrije Universiteit, Amsterdam Aug 2012– June 2014

Teaching assistant courses *Human-Computer Interaction* and *Project Knowledge systems*

Vrije Universiteit, Amsterdam, Apr 2010– Jul 2011

Education

Master Neurosciences *Behavioral & Medical Genomics*

Vrije Universiteit, Amsterdam

Bachelor Computer Science *Artificial Intelligence*

Vrije Universiteit, Amsterdam

Publications

- Marschall, T., Marz, M., Abeel T., Dijkstra, L., Dutilh, B., Ghaffaari A., ... & Schoenhuth A., (2016). Computational Pan-Genomics: Status, Promises and Challenges. *Briefings in Bioinformatics*.
- Middeldorp, C. M.*, Hammerschlag, A. R.*, Ouwens, K. G.*, Groen-Blokhuis, M. M., Pourcain, B. S., Greven, C. U., ... & Vilor-Tejedor, N. (2016). A Genome-Wide Association Meta-Analysis of Attention-Deficit/Hyperactivity Disorder Symptoms in Population-Based Paediatric Cohorts. *Journal of the American Academy of Child & Adolescent Psychiatry*.
- van Den Berg, S. M., de Moor, M. H., Verweij, K. J., Krueger, R. F., Luciano, M., Vasquez, A. A., ... & Gordon, S. D. (2015). Meta-analysis of Genome-Wide Association Studies for Extraversion: Findings from the Genetics of Personality Consortium. *Behavior genetics*, 1-13.
- Lubke, G. H., Ouwens, K. G., de Moor, M. H., Trull, T. J., & Boomsma, D. I. (2015). Population heterogeneity of trait anger and differential associations of trait anger facets with borderline personality features, neuroticism, depression, Attention Deficit Hyperactivity Disorder (ADHD), and alcohol problems. *Psychiatry research*, 230(2), 553-560.
- De Moor, M. H., Van Den Berg, S. M., Verweij, K. J., Krueger, R. F., Luciano, M., Vasquez, A. A., ... & Gordon, S. D. (2015). Meta-analysis of genome-wide association studies for neuroticism, and the polygenic association with major depressive disorder. *JAMA psychiatry*, 72(7), 642-650.
- van den Berg, S. M., de Moor, M. H., McGue, M., Pettersson, E., Terracciano, A., Verweij, K. J., ... & Hansell, N. K. (2014). Harmonization of Neuroticism and Extraversion phenotypes across inventories and cohorts in the Genetics of Personality Consortium: an application of Item Response Theory. *Behavior genetics*, 44(4), 295-313.