

PERSONAL DETAILS

Surname : Rippe
 First names : Ralph Christian Alexander
 Title : Dr / PhD
 E-mail : rrippe@fsw.leidenuniv.nl
 Date of Birth : February 5th, 1982
 Nationality : Dutch
 Online profiles : <https://www.linkedin.com/in/ralphrippe/>
 with **publications** : <https://www.universiteitleiden.nl/en/staffmembers/ralph-rippe>

RESEARCH INTERESTS

Applied in a wide range of (inter)national collaborations, my main interests lie at the intersection of statistics and (any interdisciplinary) application in child education, child behavior and child health, mental health, curriculum development, child fostering evaluation and intervention efficacy.

For example, I am intrigued by how internal factors (e.g. genetics) and environment interplay in their influence on the stress children or families (have) experience(d), on how children form (inadequate) attachment bonds, how groups of at-risk children might benefit from early interventions on literacy and numeracy and how they form (un)healthy eating behaviors. As I work at the front of these research topics, new and unsolved statistical and design issues are encountered on a regular basis.

My main focus is on gaining insight into the combined effects of sample size, high signal-to-noise data (for example coded observations of behavioral data as well as self-reports), and skewed scales on estimation bias and Type I/II errors in complex models. Such models range from such as (within-subjects) interactions, mediation, multilevel models (observations nested within families, schools, day care centers, and clinics) and path analysis (for example group measurements on child abuse, obesity, bullying, eating behavior) over time, with time-dependent covariates.

Furthermore, I lead a group of methodologists and statisticians (holding a PhD) that provides consultation on the above as well as on (models for) categorical data and nonlinear approaches, meta-analysis and machine learning, case-series (N=1) in developmental or clinical designs and qualitative research designs, such as focus groups and semi-structured interviews.

SCIENTIFIC TRAINING

2006-2012	PhD candidate	Leiden University
	supervisors	prof. dr. J.J. Meulman prof. dr. P.H.C. Eilers
	Doctoral Thesis	<i>Advanced Statistical Tools for SNP Arrays</i>
2012	November 13	defense
2002-2006	Psychology	Leiden University
	2006 August 31	Masters-degree (cum laude) Psychometrics and Research Methodology
	2005 June 30	Bachelors-degree
	2004 June 23	Honours Lectures (2003-2004)

POSITIONS – LIST ONLY

March 2020 – present	<u>Associate Professor of Research Methods and Statistics</u> Institute of Education and Child Studies, Research Methods and Statistics, Leiden University, The Netherlands
February 2018 – present	<u>Chair of Research Methods and Statistics</u> Institute of Education and Child Studies, Research Methods and Statistics, Leiden University, The Netherlands
August 2016 – May 2019	<u>Visiting Senior Researcher (Associate Professor)</u> Department of Public Health and Primary Care School of Clinical Medicine, University of Cambridge, United Kingdom
January 2013 – present	<u>Assistant Professor</u> (1.0 fte), Institute of Education and Child Studies, Centre for Child & Family Studies, Leiden University, The Netherlands
January 2012 – December 2012	<u>Statistician</u> (1.0 fte), department of Clinical Epidemiology, Leiden University Medical Center
June 2006 – December 2011	<u>Lecturer</u> (0.2 fte), Institute of Education and Child Studies, Centre for Child and Family Studies, Leiden University
June 2006 – December 2011	<u>PhD Candidate</u> (0.8 fte), Institute of Psychology, Methodology and Statistics, Leiden University
September 2004 – June 2006	<u>Teaching Assistant</u> 'Psychometrics and Research Methodology' Leiden University, Psychology

GRANTS, FUNDING, PRIZES AND NOMINATIONS

2019	Jacobs Foundation Research Grant (10.000 CHF), project titled: <i>“Parenting Transgender Youth: More Questions Than Answers”</i> awarded to dr. R. Huffmeijer (P.I.), D. Raaijmakers, and R.C.A. Rippe (supporting applicant only).
2017	Wellcome Trust Research grant - €35.000,- for statistical support in Disorganized Attachment project (with dr. R. Duschinsky and dr. S. Reijman, Cambridge University)
2016	Leiden University Fund Research grant - €5.000,- for statistical support in 50-year anniversary project
2013	Jacobs Foundation Young Scholarship Research Grant (120.000 CHF), project titled: <i>“DRD4 genotype as a moderator of L-Dopa intervention effects on parent-related neurocognitive processes, behaviors, and attitudes: A micro-trial of differential susceptibility to pharmacological intervention”</i> awarded to R.C.A. Rippe (P.I.), R. Huffmeijer (P.I.) and V.R. Mileva (P.I.).
2013	Jacobs Foundation Young Scholarship Research Grant (80.000 CHF) – <u>CO-applicant</u> , project titled: <i>“Genetics of Relationships”</i> awarded to Michael Pluess (P.I.), Galena K. Rhoades (P.I.)
2010	Best Student Presentation - 25th International Workshop on Statistical Modeling
2009	Best Student Paper - 24th International Workshop on Statistical Modeling (Ithaca, NY)
2009	Best Poster - Second IBS Channel Network Conference (Ghent)
2007	Leiden University Fund travel grant – €1.500,- euro for the 'International Meeting of the Psychometric Society' in Tokyo, Japan
2006	Nomination for 'Van de Geer award' for 'Best Master Thesis' in Department of Psychology

WORK EXPERIENCE (DETAILED)

- March 2020 – present** Associate Professor (1.0 fte), Institute of Education and Child Studies, Research Methods and Statistics, Leiden University
Co-supervisor PhD project Suzanne Andeweg - defense 2020
Co-supervisor PhD project Fenne Bodrij - defense 2021
- September 2019 – present** Chair of Faculty committee on “Innovations in teaching Research Methods and Statistics” (involving all Faculty Institutes)
Faculty of Social and Behavioral Sciences, Leiden University
Training: Academic Management and Leadership (14 weeks)
- February 2018 – present** Group Chair
Member of Institute Management Team
Research Methods and Statistics group,
Institute of Education and Child Studies, Leiden University
- August 2016 – May 2019** Visiting Senior Researcher (Associate Professor),
Department of Public Health and Primary Care
School of Clinical Medicine, University of Cambridge, United Kingdom
(*Institution placed 2nd in 2018 Shanghai ARWU ranking*)
- January 2013 – present** Assistant Professor (1.0 fte), Institute of Education and Child Studies, Centre for Child and Family Studies, Leiden University
Models for genetic data (SNP arrays, sequencing, meta-analyses, GxE, association studies) Lecturing and coordinating courses in Statistics (1st-5th year students and PhD students) Statistical Consultation in the Faculty of Social and Behavioral Sciences
Co-supervisor PhD project on Effectiveness of Reading Interventions - defense 2018
Co-supervisor PhD project on childhood obesity, eating habits & cognitions - defense 2017
Co-supervisor PhD project Genetics in Generation-R (from Leiden University) - defense 2015
Advised PhD project Generation-R (from Erasmus MC) - defense 2015
Institute Project Advisor on setting up “**Data Management**”
Member of **Institutional Council** (until February 2020)
Member of general **Institution IT Advisory Committee** (until 2018)
Member of general **Institution Library Advisory Committee** (until 2018)
Member of University Library Advisory Committee for **Literature Management Software** Member of **Computing Cluster Advising** committee (Faculty-wide facility)
- January 2012 – December 2012** Statistician (1.0 fte), department of Clinical Epidemiology, Leiden University Medical Center
project Netherlands Epidemiology of Obesity
Statistical corrections for (selection) bias
Measurement error in clinical cohorts
Multiple imputations on large scale databases
Data management and solutions for efficient extractions
Lecturer Principles in Epidemiology
Lecturer Advanced Epidemiology in Practice
Student and PhD assistance on statistics within the NEO

June 2006 – December 2011 Lecturer (0.2 fte), department of Educational Sciences,
Child- and Family Studies, Leiden University

PC room teacher 'Applied Multivariate Data Analysis' 2007-2011
(4th and 5th year course Faculty of Social and Behavioral Sciences)
Lecturer Principal Component Analysis and Biplots
Teacher SPSS work groups 2006-2009 (1st and 2nd year courses Educational Sciences) Teacher
'Oefenonderzoek' 2006 - 2007 (Interactions in child daycare)
Creating and correcting assignments

June 2006 – December 2011 PhD Candidate (0.8 fte), Institute of Psychology, Methodology and Statistics,
Leiden University

Doctoral Thesis: Advanced Statistical Tools for SNP Arrays (November 13, 2012)
Performing PhD research on models for single SNP chips
(day-to-day) Coordination Research Master course 'Applied Multivariate Data Analysis' Presenting
research (also for international audiences)

September 2004 – June 2006 Teaching Assistant 'Psychometrics and Research Methodology' Leiden
University, Psychology

(1st to 5th year courses)
Teaching practical work
Creating and correcting final assignments
Course evaluation

STUDENTS

PhD as (co)-supervisor

Ongoing	Suzanne Andeweg
Ongoing	Fenne Bodrij
2018	Inge Merkelbach <i>Protective teaching mechanisms in case of mild perinatal adversity</i>
2017	Roxanna Camfferman <i>Happy Healthy Homes: The role of parenting in early childhood overweight</i>
2015	Eirini Pappa <i>Genetics and Epigenetics of Children's Behavior Problems</i>
2015	Dafna Windhorst <i>Differential susceptibility to parenting: exploring new approaches</i>

(Research) Master

2019	Sophie Hendrikse <i>1) Data Mining Attachment from NICHD</i> <i>2) Childcare and bidirectional associations between parent-child relationships and peer-child relationships from preschool to adolescence</i>
2017	Mila Roozen <i>Performance evaluation of linear regression, logistic regression and survival analysis for time to event data in social science research</i>

Bachelor (thesis)

2019	Jara Willems <i>Relatie tussen Depressieve Klachten en Fysieke disciplineren bij ouders</i>
2019	Ilse Gerritsma <i>Verband tussen vijandige attributies, kwaliteit van de partnerrelatie en zelfvertrouwen van ouders</i>
2017	Esther Visser <i>Inlevingsvermogen en maternaal gedrag: Direct verband en mediatie</i>
2017	Ilva den Haan <i>De invloed van mentale gezondheid, dopamine en genotype op fysiek contact tussen verzorger en kind</i>
2016	Manisha Ramesar <i>Gevoelens en gedragingen die de zorg voor een baby oproepen</i>

Internship

2019 (-2021)	Sofia Axioti – training in Data Science	- Greece
2019	Mladena Aleksic (Genetics of Relationships)	- Switzerland
2017	Marissa Nivison (Dopamine and Behavior)	- USA
2016	Chisa Nishida (Dopamine and Behavior)	- Japan

SCIENTIFIC WORK (Published)

- Schoemaker, N. K., Juffer, F., **Rippe, R. C.**, Vermeer, H. J., Stoltenborgh, M., Jagersma, G. J., ... & Alink, L. R. (2020). Positive parenting in foster care: Testing the effectiveness of a video-feedback intervention program on foster parents' behavior and attitudes. *Children and Youth Services Review*, 104779.
- Thakkar, N., van Geel, M., Malda, M., **Rippe, R. C.**, & Vedder, P. (2019). Bullying and psychopathic traits: A longitudinal study with adolescents in India. *Psychology of Violence*.
- Vossen, T.E., Henze, I., **Rippe, R. C. A.** et al. (2019). Attitudes of Secondary School STEM Teachers towards Supervising Research and Design Activities. *Research in Science Education*, 1-21.
- Vossen, T.E., Henze, I., **Rippe, R. C. A.** et al. (2019). Attitudes of Secondary School STEM Teachers towards Supervising Research and Design Activities. *Research in Science Education*, 1-21.
- Camfferman, R., Van der Veek, S. M. C., **Rippe, R. C. A.**, & Mesman, J. (2019). Maternal Feeding Practices, Health Cognitions, and Children's Eating Styles and Weight Status. *Journal of Developmental & Behavioral Pediatrics*, 40(2), 122-130.
- Hei, M. de, Tabacaru, C., Sjoer, E., **Rippe, R. C. A.**, & Walenkamp, J. (2019). *Developing Intercultural Competence through Collaborative Learning in International Higher Education*.
- van Ginkel, J. R., Linting, M., **Rippe, R. C. A.**, & van der Voort, A. (2019). Rebutting Existing Misconceptions About Multiple Imputation as a Method for Handling Missing Data. *Journal of personality assessment*, 1-12.
- Merkelbach, I., Plak, R.D. & **Rippe, R. C. A.** (2018). Reproducibility of Young Learners' Susceptibility to the Learning Context. *Learning and Individual Differences*, 65, 167-175.
- Vossen, T.E., Henze, I., **Rippe, R. C. A.**, Van Driel, J.H. & De Vries, M.J. (2018). Attitudes of secondary school students towards doing research and design activities. *International Journal of Science Education*, 1-24.
- Peerdeman, K. J., Tekampe, J., Laarhoven, A. I. M., Middendorp, H., **Rippe, R. C. A.**, Peters, M. L., & Evers, A. W. M. (2018). Expectations about the effectiveness of pain-and itch-relieving medication administered via different routes. *European Journal of Pain*, 22(4), 774-783.
- Huffmeijer, R., Eilander, J., Mileva-Seitz, V. R., & **Rippe, R. C. A.** (2017). Changes in Face-Specific Neural Processing Explain Reduced Cuteness and Approachability of Infants with Cleft Lip. *Social Neuroscience*, 1-12.
- Camfferman, R., van der Veek, S.M.C., **Rippe, R. C. A.**, Mesman, J. (2017). Maternal health cognitions in relation to feeding practices and children's eating styles and children's weight status. *Journal of Developmental and Behavioral Pediatrics*, (just-accepted).
- Camfferman, R., van der Veek, S.M.C., **Rippe, R. C. A.**, Mesman, J. (2017). Eating styles and adiposity in 4-6 year-olds: Do maternal feeding practices and health cognitions matter? *Acta Paediatrica*. (Vol. 106, pp. 38-38). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY-BLACKWELL.
- Windhorst, D. A., **Rippe, R. C.A.**, Mileva-Seitz, V. R., Verhulst, F. C., Jaddoe, V. W., Noppe, G., ... & Bakermans-Kranenburg, M. J. (2017). Mild perinatal adversities moderate the association between maternal harsh parenting and hair cortisol: Evidence for differential susceptibility. *Developmental psychobiology*, 59(3), 324-337.
- Rippe, R. C. A.**, Noppe, G., Windhorst, D. A., Tiemeier, H., van Rossum, E. F., Jaddoe, V. W., ... & van den Akker, E. L. (2016). Splitting hair for cortisol? Associations of socio-economic status, ethnicity, hair color, gender and other child characteristics with hair cortisol and cortisone. *Psychoneuroendocrinology*, 66, 56-64.

- Windhorst, D. A., Mileva-Seitz, V. R., **Rippe, R. C. A.**, Tiemeier, H., Jaddoe, V. W., Verhulst, F. C., ... & Bakermans-Kranenburg, M. J. (2016). Beyond main effects of gene-sets: harsh parenting moderates the association between a dopamine gene-set and child externalizing behavior. *Brain and Behavior*, 6(8).
- Camfferman, R., Jansen, P. W., **Rippe, R. C. A.**, Mesman, J., Derks, I. P., Tiemeier, H., ... & van der Veek, S. M. (2016). The association between overweight and internalizing and externalizing behavior in early childhood. *Social Science & Medicine*, 168, 35-42.
- Pappa, I., Fedko, I. O., Mileva-Seitz, V. R., Hottenga, J. J., Bakermans-Kranenburg, M. J., Bartels, M., **Rippe, R. C. A.**, ... & Boomsma, D. I. (2015). Single nucleotide polymorphism heritability of behavior problems in childhood: genome-wide complex trait analysis. *Journal of the American Academy of Child & Adolescent Psychiatry*, 54(9), 737-744.
- Rijlaarsdam, J., Pappa, I., Walton, E., Bakermans-Kranenburg, M. J., Mileva-Seitz, V. R., **Rippe, R. C. A.**, ... & Cecil, C. A. (2016). An epigenome-wide association meta-analysis of prenatal maternal stress in neonates: A model approach for replication. *Epigenetics*, 1-10.
- Rippe, R. C. A.**, Meulman, J.J. & Eilers, P.H.C. (2012). Reliable single chip genotyping with semi-parametric log-concave mixtures. *PLoS ONE*, 7(10): e46267.
- Rippe, R. C. A.**, Meulman, J.J. & Eilers, P.H.C. (2012). Visualization of genomic changes by segmented smoothing using an L_0 penalty. *PLoS ONE*, 7(6): e38230.
- Rippe, R. C. A.**, Meulman, J.J. & Eilers, P.H.C. (2012). Statistical models for signal calibration in SNP arrays. *Journal of Chemometrics*, 26, 191–196.
- Pappa, I., Fedko, I. O., Mileva-Seitz, V. R., Hottenga, J. J., Bakermans-Kranenburg, M. J., Bartels, M., **Rippe, R. C. A.**, ... & Boomsma, D. I. (2015). Single nucleotide polymorphism heritability of behavior problems in childhood: genome-wide complex trait analysis. *Journal of the American Academy of Child & Adolescent Psychiatry*, 54(9), 737-744.
- Gast, K.B., Smit, J.W.A., den Heijer, M., Middeldorp, S., **Rippe, R. C. A.**, le Cessie, S., de Koning, E.J.P., Jukema, J.W., Rabelink, T.J., de Roos, A., Rosendaal, F.R., de Mutsert, R. for the NEO study group. Abdominal adiposity largely explains associations between insulin resistance, hyperglycemia and sub-clinical atherosclerosis: the NEO study. *Atherosclerosis*, 229(2), 423-429.
- Rippe, R. C. A.**, Heijer, M. den, Cessie, S. le. (2013). Rekenen met ontbrekende gegevens. *Nederlands Tijdschrift voor Geneeskunde*, 157, A5539.
- Rippe, R. C. A.** (2012). Advanced Statistical Tools for SNP Arrays: Signal Calibration, Single Chip Genotyping and Copy Number Estimation. Doctoral Thesis. Leiden University.
- Rippe, R. C. A.**, Meulman, J.J. & Eilers, P.H.C. (2012). Reliable single chip genotyping with semi-parametric log-concave mixtures. *PLoS ONE*, 7(10): e46267. doi:10.1371/journal.pone/0046267.
- Rippe, R. C. A.**, Meulman, J.J. & Eilers, P.H.C. (2012). Visualization of genomic changes by segmented smoothing using an L_0 penalty. *PLoS ONE*, 7(6): e38230. doi:10.1371/journal.pone.0038230.
- Rippe, R. C. A.**, Meulman, J.J. & Eilers, P.H.C. (2012). Statistical models for signal calibration in SNP arrays. *Journal of Chemometrics*, 26: 191–196. doi:10.1002/cem.2436.
- Rippe, R. C. A.**, and Eilers, P.H.C. (2011). Segmented smoothing with an L_0 penalty. *Proceedings of the 26th International Workshop on Statistical Modelling* (Ed. C. Armero).
- Rippe, R. C. A.**, and Eilers, P.H.C. (2010). Efficient semi-parametric genotyping of SNP arrays. *Proceedings of the*

25th International Workshop on Statistical Modelling (Ed. A. Bowman).

Rippe, R. C. A., Eilers, P.H.C., French, P.J., and Meulman, J.J. (2009). Improving SNP genotyping by model-based calibration. Proceedings of the 24th International Workshop on Statistical Modelling (Ed. J. G. Booth).

Rippe, R. C. A., Eilers, P.H.C., and Meulman, J.J. (2008). Models for Fluorescence Signals on SNP Arrays. Proceedings of the 23rd International Workshop on Statistical Modelling (Ed. P.H.C. Eilers).

Rippe, R. C. A. (2006). Multiple Correspondence Analysis with structurally incomplete data: Eliminating design effects with ORTHOMALS. (Master's thesis) Leiden: Department of Psychology, Psychometrics and Research Methodology division, Leiden University.

Rippe, R. C. A. (2005). Homogeniteitsanalyse van structureel onvolledige gegevens met HOMALS: Rekenstrategieën van basis- schoolleerlingen bij het oplossen van deelsommen uit de PPO 2004. (Bachelor's thesis) Leiden: Department of Psychology, Psychometrics and Research Methodology division, Leiden University.

REVIEWS FOR

Bioinformatics
BMC Bioinformatics
PLOS One
PLOS Genetics
Journal of Research in Personality
Child Development
JAMA Pediatrics
Development and Psychopathology
NWO (VENI rounds)

INVITATIONS

Jacobs Foundation conference on Effective Dissemination, Jacobs Foundation, Marbach Castle, Switzerland, August 2018.

Invited participant: Jacobs Foundation conference on GxE data, Jacobs Foundation, Marbach Castle, Switzerland, April 2013.

Invited speaker: consultation Leiden University MC, General Practitioning, October 2012.

Invited speaker: colloquium Leiden University MC, Medical Statistics, April 2012.

Topics in Three-Mode Analysis. Seminar, Rennes, France. Kroonenberg, P.M. and Rippe, R.C.A.. December 5-9, 2011.

Invited speaker: colloquium Erasmus MC, Molecular Medicine, May 2011.

Invited speaker: colloquium VU Psychology group, June 2010.

Topics in Three-Mode Analysis. Spring Seminar, Cologne, Germany. Kroonenberg, P.M. and Rippe, R.C.A. (assistant). March 3-7, 2008.

LECTURES AND PRESENTATIONS (Presenter / First Author only)

Frequently Consulted Issues. TOP-meeting, Institute of Education and Child Studies, Leiden, The Netherlands. January 2019. Oral presentation.

Within-subject GxE interactions under measurement error. International Meeting of the Psychometric Society, Zurich, Switzerland. July 2017. Poster. Supported by the Jacobs Foundation.

Hair cortisol: Potential confounders and How mild perinatal adversity moderates cortisol association with harsh parenting. Association for Researchers in Psychology and Health, Leiden, The Netherlands, February 2017: Oral presentation.

Error rates in testing (dis)ordinal interactions using re-parameterized regression. International Meeting of the Psychometric Society, Asheville, North Carolina, USA. July 2016. Poster.

Measurement Error in GWAS: what have we missed? 35th Annual Conference of the International Society for Clinical BioStatistics, Vienna, Austria. Rippe, R.C.A., August 2014. Poster.

ORTHOMALS: orthogonal projection of a multiple correspondence solution on a design space. Bi-annual meeting of the IFCS, Tilburg, Rippe, R.C.A., July 2013. Oral presentation.

ORTHOMALS: orthogonal projection of a multiple correspondence solution on a design space. Spring meeting of the VOC, Antwerpen, Rippe, R.C.A., May 2013. Oral presentation.

Genomic Waves correction influences estimation of smoothed copy number profiling. Colloquium for Department of BioStatistics, Erasmus Medical Center. Rippe, R.C.A., April 2013. Oral presentation.

Inverse population probability weighting as a solution for selection bias. Invited colloquium for Department of Clinical Epidemiology, Leiden University Medical Center. Rippe, R.C.A., April 2013. Oral presentation.

Missing Data en Imputatie. Invited consultation colloquium for Department of General Practitioners, Leiden University Medical Center. Rippe, R.C.A., October 2012. Oral presentation.

A model for calibration of fluorescence signals from SNP microarrays. Dutch Annual Chemometrics Meeting, Nijmegen, Rippe, R.C.A., Eilers, P.H.C., and Meulman, J.J., September 2012.

When Do We Suffer From Selection Bias in Obesity Research and How To Solve. 33rd Annual Conference of the International Society for Clinical BioStatistics, Bergen, Norway. Rippe, R.C.A., LeCessie, S., Den Heijer, M. & Rosendaal, F., August 2012. Poster.

Single-sample SNP models: genotyping, copy number estimation and signal calibration. Presentation at Research Meeting Medical Statistics, Leiden University Medical Center. Rippe, R.C.A., Eilers, P.H.C. and Meulman, J.J., April 2012. Oral presentation.

Single-sample SNP models: genotyping, copy number estimation and signal calibration. Invited presentation Agrocampus-Ouest, Rennes, France. Rippe, R.C.A., Eilers, P.H.C. and Meulman, J.J., December 2011. Oral presentation.

Segmented smoothing with an L_0 norm. 26th International Workshop on Statistical Modelling, Valencia, Spain. Rippe, R.C.A., and Eilers, P.H.C., July 2011.

Fun with SNPs: calibration, single array genotyping and copy number variations. Bridge Meeting in Molecular Medicine, Erasmus Medical Center, Rotterdam. Rippe, R.C.A., Eilers, P.H.C., and Meulman, J.J., May 2011.

Segmented smoothing with an L_0 norm. Third IBS Channel Network Conference, Bordeaux, France. Rippe, R.C.A., and Eilers, P.H.C., April 2011.

SCALA, a comprehensive statistical framework. 31st Annual Conference of the International Society for Clinical BioStatistics, Montpellier, France. Rippe, R.C.A., Eilers, P.H.C., French, P.J., and Meulman, J.J., August 2010.

Efficient semi-parametric genotyping of SNP arrays. 25th International Workshop on Statistical Modelling, Glasgow, UK. Rippe, R.C.A., and Eilers, P.H.C., July 2010.

A new approach to signal calibration, SNP calling and CNV detection. Invited speaker for department colloquium VU. Rippe, R.C.A., June 2010.

SNP signal calibration and visualization. Dutch Annual Chemometrics Meeting, Utrecht, Rippe, R.C.A., Eilers, P.H.C., and Meulman, J.J., May 2010. Poster.

Improving SNP genotyping by model-based calibration. 24th International Workshop on Statistical Modelling, Ithaca, NY, USA. Rippe, R.C.A., Eilers, P.H.C., French, P.J., and Meulman, J.J., July 2009.

Improving SNP genotyping by model-based data correction. Second IBS Channel Network Conference, Ghent, Belgium. Rippe, R.C.A., Eilers, P.H.C. and Meulman, J.J., April 2009. Poster.

Improving SNP genotyping by model-based data correction. 11th Biennial Conference of the International Federation of Classification Societies, Dresden, Germany, Rippe, R.C.A., Eilers, P.H.C. and Meulman, J.J., March 2009.

Models for Fluorescence Signals on SNP Arrays. 23rd International Workshop on Statistical Modelling, Utrecht, The Netherlands, Rippe, R.C.A., Eilers, P.H.C. and Meulman, J.J., July 2008.

Nonlinear modeling of high volume biological datasets. IOPS 2007, Groningen, Rippe, R.C.A., Eilers, P.H.C. and Meulman, J.J., December 2007.

Predicting fluorescence intensities of SNP arrays in DNA data. International Meeting of the Psychometric Society, Tokyo Japan, Rippe, R.C.A., Eilers, P.H.C. and Meulman, J.J., July 2007.

BOARDS AND COMMITTEES

September 2019 – present	<i>chair</i> of Faculty committee on “Innovations in teaching Research Methods and Statistics” (involving all Faculty Institutes)
June 2019 – present	executive director of Faculty Master Thesis Lab
February 2018 – present	<i>chair</i> of Research Methodology and Statistics group
February 2018 – present	member of Institute Management Team
February 2017 – June 2018	Advising member of Leiden University Research IT Strategy group
September 2015 – present	Member - Advisory Council at the Institute of Education and Child Studies
February 2013 – April 2018	Member - Committee on Information and Communication Technology Institute of Education and Child Studies Advising on data management implementation Advising on new Computing Cluster
October 2013 – March 2014	Member - Advisory Committee on Bibliography Managers Leiden University
February 2013 – April 2018	Member - Institutional Library Committee Institute of Education and Child Studies
May 2011 – May 2017	Board member - VOC (www.voc.ac) (Vereniging voor Ordinatie en Classificatie) Book review editor Webmaster (as of November 2013)
January 2008 – December 2009	IOPS PhD Representative
October 2006 – November 2008	Member of the jury for Faculty Thesis Prize in Social Science 2006, 2007, 2008, Leiden University
September 2006 – October 2006	Alumni-rep. Methods & Statistics ‘Onderwijs Visitatie’ 2006 Student rep. Master Methods & Statistics ‘Onderwijs Visitatie’ 2006
September 2005 – Sept. 2006	Student-member Master Education-committee

VOLUNTEERING

Board member - St. Salvatorhof	(December 2015	– July 2019)
This Foundation manages rental apartments in Leiden.		
Board member - St. Jacobshof	(June 2015	– July 2019)
This Foundation holds responsibility for new care housing adjacent to Zorgcentrum Roomburgh in Leiden, for 40 elderly, representing a total value of 7.100.000 euro. Building finished in July 2016. This Foundation also manages cultural heritage housing (St. Jacobshof) in Leiden, The Netherlands.		
Chair - VvE Agora	(April 2014	– May 2016)
Final responsibility for all matters involved for 104 owned apartments Managing all issues (legal and personal) concerning daily matters Managing long-term budget for maintenance, payables etc (30 year planning, budget 400.000 euro) Chairing Annual Members Meeting: during office voting representation increased from 28% in 2013 (before assuming office) to 73% at the time I left office in May 2016. Managing board members, committees and external contractors Formal communication with City Council, local police officer		