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**Hannes Rosenbusch**

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**EDUCATION**

*This section lists my educational activities. Main take-aways are that I seek to expose myself to new challenges and environments, and that I consistently aim to perform at a top level.*

**Tilburg University**

Ph.D. in Social Psychology | “Unstructured data and machine learning in psychological research”

Supervisors: Prof. Marcel Zeelenberg & Dr. Anthony Evans

Abstract: The Ph.D. project investigates how data science methods like social media analyses, search algorithms, and machine learning can be integrated into psychological research and meta-research.

**University of Groningen**

Research Master in Behavioral and Social Sciences | Track: Social and Organizational Psychology

Grade Average: 8.9 (1 – 10)

(Thesis-) Supervisor: Prof. Russell Spears

Thesis title: Integrating psychological theories on moderate and radical collective action: A lab experiment uncovering the effects of group efficacy and group outrage

**University of Queensland**

Psychology/Non-award program

Grade Average: 6.75 (1 – 7)

**Leuphana University**

B.Sc. Business Psychology

Grade Average: 1.6 (6 – 1)

**PROFESSIONAL PUBLICATIONS AND CONFERENCE CONTRIBUTIONS**

*This section lists my current scientific output. I just finished the second year of my Ph.D. research and the recurring themes in my work include computational research methods, psychometrics, machine learning, and social media analyses.*

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (in press). Multilevel emotion transfer on YouTube: Disentangling the effects of emotional contagion and homophily on video audiences. *Social Psychological and Personality Science.*

Rosenbusch, H., Wanders, F., Pit, I. (in press). The Semantic Scale Network: An online tool to detect semantic overlap of psychological scales and prevent scale redundancies. *Psychological Methods.*

Rosenbusch, H., Soldner, F., Evans, A. M., Zeelenberg, M. (under review). Supervised machine learning methods in psychology: A practical introduction with annotated R code.

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (under review). StatBreak: Probing statistical robustness through genetic algorithms.

Rosenbusch, H., Röttger, J., Rosenbusch, D. P. (under review). Would Chuck Norris certainly win the Hunger Games? Simulating the result reliability of Battle Royale games through agent-based models.

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (under review). Inter- and intra-regional variability of intergroup bias predicts online hostility.

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (in preparation). Superficial characteristics of scientists and evaluations of their TED talks: Bayesian reestimation of previous Null effects.

Rosenbusch, H., Aghaei, M., Evans, A. M., Zeelenberg, M. (in preparation). Predicting psychological associations to women’s clothes: A database and computer vision model.

Rosenbusch, H., Aghaei, M., Evans, A. M., Zeelenberg, M. (2019). Predicting psychological associations to women’s clothes: A database and computer vision model. Presented at *Economic and Consumer Psychology Workshop Cologne*.

Rosenbusch, H., Wanders, F., Pit, I. (2019). The Semantic Scale Network: An online tool to detect semantic overlap of psychological scales and prevent scale redundancies. Presented at *IC2S2 2019.*

Rosenbusch, H., Evans, A. M., Zeelenberg, M. (2018). Distinguishing trust and gullibility through Twitter language. Presented at *TIBER 2018*.

Kuppens, T., Spears, R., Manstead, A., & Rosenbusch, H. (2018). Political correctness: Red light or red rag to prejudice? *Presented by Kuppens at BPS social psychology section annual conference*.

**TEACHING**

*This section lists my teaching activities in the last two years. Despite the fact that my work is mainly conducting research, I always enjoy sharing knowledge and skills with others.*

I taught in several Bachelor level courses including: Introduction to Psychology, Social Psychology, Cultural Psychology, Consumer Behavior and Big Data, and Attitudes and Advertising. Further, I regularly supervise Bachelor theses. Additionally, I presented at a research colloquium on machine learning for social scientists and gave a workshop on machine learning with Python for Ph.D. students in economics.

**AWARDS AND SCHOLARSHIPS**

*This section lists funding that I acquired for my studies and research.*

Research Talent Grant 2017

This grant was awarded to me by the Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO) in order to finance a joint Ph.D. project between the University of Groningen and the University of St Andrews. The title of the project was “Explaining intergroup violence and radicalism: Integrating cognitive and emotion pathways”. I decided to not accept the grant and instead start my Ph.D. project at the University of Tilburg, because Tilburg offered me more opportunities to study research methodologies and statistics.

Excellent Student Grant 2016

This grant was awarded to me by the Groningen University Fund (GUF) in order to support my research traineeship at the University of St Andrews.

PROMOS Scholarship 2014

This scholarship was awarded to me by the Deutscher Akademischer Austauschdienst (DAAD) in order to finance my studies at the University of Queensland.

**RESEARCH AND CONSULTING ASSISTANTSHIPS**

*This section lists voluntary research and consulting activities that I engaged in as a student. During my Bachelor studies these activities involved consulting non-academic institutions, while later activities revolved around experimental design and data analysis.*

08/2016 – 10/2016 School of Psychology & Neuroscience, St Andrews University

Research Traineeship, Supervision by Dr. Nicole Tausch

- Research project on intergroup emotions and radical collective action

09/2015 – 07/2016 Faculty of Behavioural and Social Sciences, University of Groningen

Research Assistant of Prof. Russell Spears

- Research projects on political correctness and intergroup perceptions

10/2014 – 8/2015 Institute of Experimental Industrial Psychology, Leuphana University

Student Assistant/Research Assistant of Prof. Dr. Hans-Rüdiger Pfister

- Experimental design (EEG studies) and experiment supervision

09/2014 – 12/2014 Institute of Strategic Human Resource Management, Leuphana University

Research Internship

- Consulting of a large aircraft manufacturer regarding expatriation policies

08/2014 – 09/2014 Research Project ‘Silver Worker Index’, Leuphana University

Assistant of Prof. Jürgen Deller

- Co-design of an advisory presentation for German politicians

**CONFERENCES / SUMMER SCHOOLS**

*This section lists conferences that I attended in the last two years.*

- 2019 International Conference on Computational Social Science (Amsterdam)

- 2018 TIBER conference (Tilburg)

- 2018 Summer Institute in Computational Social Science (Helsinki)

- 2017 SPUDM Summer school on Decisions, Law, and the Big Data Revolution (Haifa)

**SKILLS**

*This section gives a brief introduction to the instruments and skills I use during my everyday work. I hope this section highlights that I seek out work involving data and people.*

**IT-Skills:**

R, Python, Git, SQL, SPSS, NetLogo, Qualtrics, Kaggle, EFS Survey, Citation managers, Adobe CC, MTurk/Prolific, Basic knowledge in: C, HTML, CSS

**Memberships/Engagement:**

Member of PhD Council for Social and Behavioral Sciences

Co-founder and editor of The Amnesty Post in Groningen (human rights magazine)

Training and practice as conflict mediator

Member of Kalliope Groningen Debating Society

**Languages:**

German (native)

English (fluent)

French (medium)

Dutch, Spanish (basic)

**REFEREES**

*These referees have expressed that they are happy to provide information about my work and skills. I selected them as they supervised me on three different research projects at the three different institutions.*

Prof. Marcel Zeelenberg, University of Tilburg, Email: m.zeelenberg@uvt.nl, Tel: +31 13 466 8276

Prof. Russell Spears, University of Groningen, Email: r.spears@rug.nl, Tel: +31 50 36 39355

Prof. Nicole Tausch, University of St Andrews, Email: nt20@st-andrews.ac.uk, Tel: +44 1334 462069