

BJÖRN S. SIEPE

Marburg, Germany

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EDUCATION

Philipps University Marburg

October 2022 - Current

PhD Student, Scientific Assistant

Psychological Methods Lab

Supervisor: Prof. Dr. Daniel Heck

Goethe University Frankfurt

November 2020 - September 2022

M.Sc. Psychology

Thesis: Temporal Dynamics of Depressive Symptomatology: An Idiographic Time Series Analysis

GPA: 1,0 (very good, with distinction, 5-point German rating scale)

Heidelberg University

October 2017 - September 2020

B.Sc. Psychology

GPA: 1,2 (very good, 5-point German rating scale)

Mannheim University

October 2014 - August 2017

B.Sc. Economics

GPA: 2,0 (good, 5-point German rating scale)

Hölderlin-Gymnasium Heidelberg

September 2005 - June 2013

Abitur (A-levels)

GPA: 1,0 (very good, 5-point German rating scale)

WORK EXPERIENCE

Goethe University Frankfurt

November 2021 - August 2022

Student Assistant, Departments for Psychological Methods

Assisting in teaching for master courses in statistics, creating teaching materials and R scripts for open learning platform PandaR, teaching tutorials for master-level statistics courses

Leiden University

March 2022 - June 2022

Research Intern, ERC-funded WARN-D Project (PI: Prof. Eiko Fried)

Working with experience sampling and passive sensor data in a project aiming to build an early-warning system for depression.

Tasks: Handling EMA & Smartwatch Data in R, Statistical Analyses (Time Series, Network Analyses), Participant Recruitment

German Depression Foundation, Research Centre

March 2021 - April 2021

Research Intern, STEADY-project (PI: Prof. Ulrich Hegerl)

Summarizing literature, exploring statistical modelling options for intensive longitudinal experience sampling data, designing experience sampling study, data management in R

University Hospital Frankfurt

October 2020 - October 2021

Student Assistant, Horizon 2020-funded Eat2BeNice project

Working with experience sampling, nutrition and passive sensor data to explore the connection of lifestyle variables and affective instability, data management & analysis in R

PZN Nordbaden (psychiatric clinic)

February 2020 - March 2020

Clinical Intern

Psychotherapy intern, data management, structured interviews, assistance with diagnostics & therapeutic tasks

Institute for Psychosocial Prevention Heidelberg

October 2019 - December 2019

Student Assistant

Transcription of videotaped psychotherapy sessions, data management

TEACHING EXPERIENCE

Philipps University Marburg

Winter Semester 2022/2023

Tutor

Course: Research Methods and Evaluation II (master's level course about latent variable modeling)

Goethe University Frankfurt

Summer Semester 2022

Tutor

Course: Multivariate Statistics (bachelor's level course about regression and latent variable modeling)

PUBLICATIONS

1. **Siepe, B.S.**, Sander, C., Schultze, M., Kliem, A., Ludwig, S., Hegerl, U., & Reich, H. (2022). Temporal dynamics of depressive symptomatology: An idiographic time series analysis applying network models to patients with depressive disorders. (PsyArXiv Preprint)
<https://doi.org/10.31234/osf.io/hnw69>

TALKS

1. "Journal of European Psychology Students & Academic Writing Primer". Invited Talk, EFPSA Research Summer School (July 2021), online.

CONFERENCE PRESENTATIONS

3. Reich, H., Sander, C., **Siepe, B.S.**,... , Hegerl, U. (2022). Ideographic time-series analyses of objective sleep and voice data in Major Depressive Disorder. *DGPPN Congress 2022*, 22-25 November, Berlin
2. **Siepe, B.S.**,..., & Reich, H. (2022). Temporal dynamics of depressive symptomatology. *DGPPN Congress 2022*, 22-25 November, Berlin
1. Proppert, R., Rieble, C., **Siepe, B.S.**, Fried, E.I. (2022). Validating subjective EMA measures with objective activity tracking. *American Psychological Society, Annual Convention*, 24-26 May, Chicago

GRANTS I& AWARDS

German Federal Scholarship (Deutschlandstipendium)

October 2021

Amount over one year: 3.600€

PROFESSIONAL TRAINING

Linear Algebra for Machine Learning , Imperial College London, Coursera	2022
Modeling the Dynamics of Intensive Longitudinal Data , Utrecht Summer School	2021
Introduction to Statistical Learning , StanfordOnline, edx Course	2021
Practical Time Series Analysis , SUNY, Coursera	2021
Improving your Statistical Inferences , TU Eindhoven, Coursera	2020

ACADEMIC SERVICE

Co-Host ReproducibiliTea Frankfurt	2022 - Present
Editorial Team, Journal of European Psychology Students	2021 - Present

COMMUNITY SERVICE

Student council psychology, Goethe University Frankfurt	2021 - Present
Student tutor at Asylarbeitskreis Heidelberg (refugee aid)	2015 - 2021
Co-host of yearly after-school orientation day, Hölderlin-Gymnasium	2019 - 2021
Involvement with Jugend Rettet (refugee aid)	2017 - 2018
Assistant coach, youth soccer team of ASC Neuenheim	2013 - 2014

SKILLS

Languages	German (mother tongue), English (fluent), French (basic skills)
Programming	R (intermediate), Python (beginner)
Analyses	Network Analyses, Time Series Analyses, Latent Variable Modelling
Other	GIMP, L ^A T _E X, JASP