

CURRICULUM VITAE | Noah Fried, MSc

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EDUCATION

10/2022 – 12/2024 **MSc in Psychology | University of Vienna** (with honors)

Specialization: Research Methods, Open Science, Environmental Psychology, Neuropsychology

Thesis: *"High Quality Waters Run Deep. The Effect of Blue Space Type and Quality on Psychological Restoration and Nature Connectedness."*

- Analyzed a large, international dataset (19 countries, N ~ 21,000) using linear mixed effects models

Supervisors: Prof. Dr. Sabine Pahl & Dr. Mathew White

10/2017 – 03/2022 **BSc in Psychology | University of Vienna**

Thesis: *"The Impact of Natural Soundscapes and Music on Directed Attention"*

- Designed an experimental paradigm suitable for online use and secured licensing for a third-party test to objectively measure attention and concentration (TACO by Schuhfried)

Supervisors: Prof. Dr. Sabine Pahl & Dr. Mathew White

10/2009 – 06/2017 **Secondary School | Realgymnasium Albertus Magnus Schule** (with honors)

PROFESSIONAL EXPERIENCE

12/2025 – 03/2026 **Research Assistant | Urban and Environmental Psychology Group, University of Vienna**

- Part-time position as part of the Horizon Europe Project SOSZEROPOL-2030
- Leading and supporting multiple smaller research projects relevant to the group's work in an efficient time frame and according to state-of-the-art open science standards
- Experience in working with international secondary datasets, national time-use data, and analyses such as bootstrapped multilevel SEM, instrumental variables modeling

06/2025 – 11/2025 **Research Intern | Wagner Lab, University of Vienna**

- Internship (240 hours) for the project "Microbiome and spatial navigation", supervised by Lea Schenk, MSc
- Developing, piloting and conducting a virtual-reality-based spatial navigation study
- Coordination of materials (VR-Setup, stool sample kits, DNA buccal swabs) and participant-slots

12/2023 – 08/2024 **Research Intern | Social, Cognitive and Affective Neuroscience (SCAN) Unit, University of Vienna**

- Internship (240 hours) for the project "Stress modulation by restorative environments - How contact to nature influences the subjective and psychophysiological processing of acute stress", supervised by Mag. Maximilian Steininger
- Leading independent data collection sessions for a behavioral acute stress study
- Preparation and handling of study materials (e.g., ECG electrodes, Salivettes for cortisol measurements, questionnaires, audiovisual material, etc.)

- Preparing and preprocessing heart rate variability data using HRVToolbox in MATLAB
- Evaluation of screening data, digitalization and analysis of questionnaire data using Excel and R
- Recruitment, coordination of study participants, study slots, and participant reimbursements

06/2021 – Sleep Laboratory Assistant | Sleep Laboratory Saletu, Rudolfinerhaus Private Hospital

- 11/2025**
- Independently conducting polysomnography (EEG, ECG, EMG, EOG, pulse-oximetry, respiratory parameters) for diagnosis and treatment of sleep disorders, including calibration
 - Live analysis and evaluation of sleep-data to adapt treatment or confirm diagnoses in-situ
 - Conducting and scoring sleep-related and psychological questionnaires
 - Teaching new sleep-laboratory assistant teams (40 students total, with various backgrounds) basics of psychophysiological measurements, somnology, and questionnaire scoring
 - Patient care, briefing, and debriefing

PUBLICATIONS & ONGOING PROJECTS

Fried, N., Wala, A., Elliott, L.R., Pahl, S., Arnberger, A., Bell, S., Bratman, G.N., Browning, H.E.M.M., Fleming, L.E., Grellier, J., Nieuwenhuijsen, M., Ojala, A., Roiko, A., van den Bosch, M., Wheeler, B.W., & White, M.P. (2026). The restorative power of blue spaces: A 19-country study. *Revised and resubmitted at Landscape and Urban Planning.*

- Investigating how different types of blue space (and their perceived quality) are associated with psychological restoration and nature connectedness by utilizing a large dataset from the BlueHealth International Survey
- Redeveloped, more robust version of thesis topic including linear mixed effects models and additional multilevel structural equation modeling

Külzer, D., Hömstein, L., Maihofer, E., Erfurth, A., **Fried, N.,** & Aden, J. (2026). The role of higher executive functions for the salutogenic recovery process in psychiatric inpatients. *Article in preparation, draft in review with co-authors.*

- Investigating the impact of cognitive training on patients' recovery processes in a clinic in Vienna
- Efficiently visualized multiple cognitive and physiological outcome measures and interactions in a pre-/post-intervention design
- Comprehensive manuscript review and editing

Project: "Time use, nature exposure, and relationship satisfaction (TUNERS)"

- Utilizing a national time-use diary dataset from the UK to investigate the associations between different kinds of leisure (home, out-of-home, in nature) and relationship satisfaction
- Developed novel analysis strategy combining instrumental variables and actor-partner interdependence modeling in an SEM framework
- Currently drafting preregistration document

Project: "Restorative components of nature scenes (RECON)"

- Investigating perceived restorativeness of different natural scenes via EEG event-related potentials by utilizing an oddball paradigm
- Project in cooperation with the Freud CanBeLab, Sigmund Freud Private University, Vienna, Austria
- Currently in piloting phase

FUNDING & SCHOLARSHIPS

2023 & 2024 Merit Scholarship | University of Vienna

- Scholarship for academic excellence during my master's studies, awarded to the top 2% of students university-wide, 2 x €1000 total

SKILLS & CERTIFICATIONS

Software Skills Overview

- **R (advanced):**
 - uni-/multivariate statistical analysis
 - mediation/moderation (“PROCESS” function)
 - linear mixed models (“lme4” package)
 - (multilevel) structural equation modeling (“lavaan” package)
 - data visualization (“ggplot2” package)
 - efficient handling of large datasets (“dplyr”, “purrr”, “haven” packages)
- **MATLAB (advanced):**
 - building and running experimental paradigms via “Psychtoolbox”
 - heart rate variability processing via “HRVToolbox”
 - efficient handling of large datasets
- **SPSS (advanced):**
 - statistical analysis
 - efficient handling of large datasets
- **SPSS AMOS (intermediate):**
 - structural equation modeling
- **Psychopy/Python (intermediate):**
 - building and running experimental paradigms, including EEG experiments
- **Excel (advanced):**
 - efficient handling of large datasets
 - statistical analysis
- **Quarto (intermediate):**
 - R- and Markdown-based flexible manuscript authoring

Teaching

- Experience in providing individual feedback for master’s theses and defenses in environmental psychology (as a research assistant)
- Took on an invited interview with undergraduate students, introducing the field of environmental psychology and showcasing the benefits of blue space environments
- Experience (four years) in teaching new sleep-laboratory assistant teams (40 students total, with various backgrounds) how to conduct psychophysiological measurements, somnology (sleep science), questionnaire scoring, and patient care, with subsequent supervision
- Experience (one lecture) in teaching psychology master’s students basics of graphic recording / visual catalyzation of small talks

Presentation and Communication

- Experience in managing a small student-led science communication social media channel

Certifications

- Good Clinical Practice (GCP) certificate, awarded by the U.S. National Institute on Drug Abuse (NIDA)

Languages

- German (native)
- English (C1 experience qualified)
- Italian (A2 experience qualified)
- Greek (A1 experience qualified)