

Curriculum vitae

PERSONAL DATA

Name	Dr. Tamás NAGY
Place and time of birth	Kecskemét, 01.07.1981
Nationality	Hungarian
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PROFILE SUMMARY

Tamás Nagy is an assistant professor of psychology at ELTE Eötvös Loránd University, Budapest. His research interests include stress and emotion psychophysiology, the application of machine learning and computational science in psychological research, and improving psychological science. He has been teaching data analysis and statistical inference for psychology students on B.A., M.A., and Ph.D. levels. He teaches courses in advanced research methodology, statistics, and R programming. He leads the ELTE Stress and Emotions Lab, which uses experimental methods and psychophysiology to uncover how we perceive physiological arousal, and how it affects our emotions, cognition, and behavior.

STUDIES

Period	2010 – 2016
Qualification	Psychology PhD (summa cum laude)
Institution name	Eötvös Loránd University, Faculty of Pedagogy and Psychology
Dissertation title	<u>Psychophysiology of distress and eustress</u>
Period	2001 – 2006
Qualification	Psychologist MA
Institution name	Eötvös Loránd University, Faculty of Pedagogy and Psychology

WORKPLACES

Period	2017-
Name of employer	ELTE Eötvös Loránd University, Faculty of Pedagogy and Psychology, Department of Personality and Health Psychology
Sector	Higher education
Position	Assistant professor
The main activity	Teaching (methodology, statistics, programming), research
Main achievements	Reforming the “Data analysis and statistical inference” course for Psychology BA training, Establishing the R programming training for MA and Ph.D. students, Creating a free online course for high school students called “The Science of Psychology”, and Creating the Stress & Emotions

Lab, and taking part in the training of international students, Overseeing the faculty's talent management program as TDK president.

Period	2014-2017
Name of employer	Synetiq Ltd., Budapest
Sector	Media research
Position	Lead researcher
The main activity	Design, management, and analysis of media research projects, using psychophysiological tools
Main achievements	Creating the research protocol for a neuromarketing startup company involving the measurement of psychophysiological measures and surveys. Led successful research projects for large media and retail companies such as HBO, AXN, RTL, BBC, The Dutch National TV, Lidl, Tesco, etc. Managed a research team to conduct media studies.

Period	2012 – 2013
Qualification	Research intern
Institution name	The University of Amsterdam, Amsterdam, The Netherlands
The main activity	Writing a manuscript on the effect of the acute stress response on alpha-amylase and cardiovascular indicators. PI: Dr. Jos Bosch

Period	2008-2010
Name of employer	Cross-cultural comparative psychology working group, Hungarian Academy of Sciences, Budapest
Sector	Research
Position	Research Assistant
The main activity	Analysis and planning of quantitative research, preparation of manuscripts

Period	2006-2008
Name of employer	Budapest University of Technology and Economics Budapest
Sector	Service
Position	Counseling psychologist
The main activity	Psychological counseling for students, psychological measurements

UNIVERSITY OFFICES AND MEMBERSHIPS

2023 -	Member of the Ethics Committee
2021 -	Head of the Stress and Emotions Research Group
2019 - 2021	Acting head of the Social Interventions Research Group
2019 -	Member of the Research Transparency Committee
2018 -	Member of the ELTE Talent Management Council
2018 -	Faculty head of the Scientific Student Circle (TDK) of ELTE PPK

GRANTS

2018, 2019, 2021, 2022	National Talent Program - HHTDK grant
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		HUF 3.2/2.8/1.4/3.4M: ELTE-PPK TDK workshops (12 months)
	2019-2023	National Scientific Research Basic Programs - Postdoctoral Scholarship (NKFIH) HUF 25.5M: The role of emotional arousal in media-induced stress recovery (36+6 months)
AWARDS AND HONORS		
	2020	ELTE's Promising Researcher "Opening-up Science" special award For outstanding achievements in the field of open science
	2018	Erasmus+ research and training mobility Participation in a Bayesian statistics workshop in Amsterdam
	2016	Special prize at the Brain and Vision hackathon (Budapest). For integrating EEG systems into mobile, PC, and web applications
	2012	Erasmus+ student scholarship University of Amsterdam, Netherlands
	2010-2014	Hungarian state scholarship To pursue doctoral studies at ELTE
RESEARCH QUALIFICATIONS		
	Skills	Research planning, team management, participant recruitment, research presentation software, writing protocols, training assistants, conducting research, advanced data science skills (machine learning, multi-level modeling, meta-analysis, time series methods, Monte Carlo simulation, data visualization, etc.), advanced study design (ESM, interrupted time series, meta-analysis, psychophysiology, etc.), developer level programming skills in R.
	Laboratory and analytical skills	Psychophysiological measurement methods (EEG, ECG, HRV, EDR), wearable sensors, automatic face coding algorithms, language processing algorithms and text mining, questionnaires, analysis of saliva biomarkers (cortisol, testosterone, alpha-amylase, S-IgA), stress protocols
	Programming	R (developer level), git, html
	Teaching experience	Data analysis and statistical inference, Multivariate statistics, R programming, Research methodology in clinical and health psychology, Advanced data analysis methods in R (ELTE, Budapest)
	Languages	English (professional level) Hungarian (mother tongue) German (limited professional level) Japanese (basic level)
PUBLICATION ACTIVITY		
	MTMT	https://m2.mtmt.hu/api/author/10017058
	Google Scholar	https://scholar.google.com/citations?user=Lec9WuYAAAAJ&hl=en
	ORCID	https://orcid.org/0000-0001-5244-0356
	Peer-review activity at WOS	https://www.webofscience.com/wos/author/record/J-5969-2019
Budapest, 2023-09 -02		