

Stipend Offer – NeuroSmog – Epidemiology Team

Position in the project:	Master student
Scientific discipline:	Psychological Sciences / Cognitive Science / Psychology Biological Sciences / Biology / Medical Sciences / Epidemiology
Job type (employment contract/stipend):	stipend
Number of job offers:	1
Remuneration/stipend amount/month:	1542 PLN in October and 1500 PLN – in November and December
Position starts on:	October 2023
Maximum period of contract/stipend:	Until the end of December 29 2023
Institution:	Institute of Psychology, Department of Philosophy, Jagiellonian University
Project leader:	Prof. Marcin Szwed
Project title:	NeuroSmog: Determining the impact of air pollution on the developing brain POIR.04.04.00-00-1763/18
Project description:	NeuroSmog combines four scientific teams in the fields of pollution assessment, child psychology, neuroimaging and epidemiology with the common goal of determining the impact of ambient air pollution on the developing brain in school age children. Using MRI scans and in-depth psychological testing of cases of ADHD and a control group selected from the general population, the Neurosmog project endeavours to investigate the effects of air pollution on behavioural and neural changes in school-age children. The

	<p>candidate will have a unique opportunity to investigate these effects in a region where air pollution levels are considerably higher than elsewhere in Europe, and where air pollution is a major growing concern for society.</p>
Key responsibilities include:	<p>Carry out the project data analysis</p> <p>Work must lead to a MSc thesis based on the above activities.</p>
Profile of candidates/requirements:	<p>A student at master level in the field of Psychology / Cognitive Science / Biology / Computer Science/ Engineering / Mathematics.</p> <p>You have basic programming skills in any programming language (most preferably Mat Lab, Python); and willing to develop your skills in this area.</p> <p>Some previous experience in neuropsychological or epidemiological data collection and analysis.</p> <p>Good spoken and written skills in English (C1) and you want to develop your scientific documentation skills in English.</p> <p>Attention to details, you can work independently, you are self-motivated.</p>
Required documents:	<p>CV including a list of publications, research experience and scientific interests</p> <p>Email contact to your science or professional mentor for possible reference</p>
We offer:	<p>You will have an opportunity to work in an exciting and interdisciplinary project. You will develop your skills in programming, experiment designing, data collection and analysis. You will work under a supervision of experienced scientists as well as you will be a part of a team of students and graduates. Additionally you will have an opportunity to contribute to a project working on a very important problem of modern society - the impact of ambient air pollution on the developing brain in school-age children.</p>
Please submit the following documents to:	<p>Prof. Marcin Szwed, m.szwed@uj.edu.pl</p>
Application deadline:	<p>September 7 2023</p>

For more details about the
position please visit
(website/webpage address):

www.szwedlab.psychologia.uj.edu.pl

neurosmog.psychologia.uj.edu.pl

Participants in the recruitment process have the option of
submitting appeals against negative recruitment results
within 7 days of receiving feedback from the recruitment
committee.
