

## Job Offer – NeuroSmog – Epidemiology team

---

Position in the project:	Master student
--------------------------	----------------

---

Scientific discipline:	Epidemiology / Public Health / Social Science / Statistics / Psychology / Cognitive Science / Biology / Geography / Medicine / Computer Science/ Mathematics
------------------------	--

---

Job type (employment contract/stipend):	Stipend
---	---------

---

Number of job offers:	2
-----------------------	---

---

Remuneration/stipend amount/month:	1500 PLN/month
------------------------------------	----------------

---

Position starts on:	1 August 2020
---------------------	---------------

---

Maximum period of contract/stipend:	Until the end of June 2022
-------------------------------------	----------------------------

---

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
----------------	--

---

Project description:	<p>The successful candidate will have the opportunity to work in the newly established NeuroSmog project which combines four scientific teams in the fields of air pollution assessment, child psychology, neuroimaging and epidemiology with the common goal of determining the impact of ambient air pollution on the developing brain and behavioural disorders in children. Approximately 800 school-aged children will be recruited, including ADHD cases and controls from the general population. The recruited children will undergo in-depth psychological testing and MRI scanning.</p>
----------------------	---

---

---

Key responsibilities include:

- Help with checking and cleaning data before importing into the database, data transformation, initial statistical analyses, creating data documentation
- Assistance with running and monitoring field work
- Carrying out part of geographical analyses
- Assistance with setting up a database and a project website
- Participating in preparing scientific publications, preparing project and conference presentations
- Work must lead to a MSc thesis based on the above activities

---

Profile of candidates/requirements:

- A student at Master level in Krakow in the field of epidemiology, public health, social science, statistics, psychology, cognitive science, biology, geography, medicine, computer science, mathematics, or related fields
- Experience with at least one of the following: SQL, R, Stata, ArcGIS, QGIS, Python, Visual Basic
- Willingness to learn and self-motivation
- Structured and thorough working style, attention to detail
- Ability to work independently and in an international and interdisciplinary team
- Good spoken and written English
- Scientific publications and active participation in conferences are not required but are a bonus

---

Required documents:

- CV in English up to 3 pages, including skills, achievements, and scientific interests
- E-mail contact to your science or professional mentor for possible reference

---

We offer:

You will have an opportunity to work in an exciting and interdisciplinary project and will learn from the inside how such projects are built and run. You will be involved in some of the following activities: data collection and managing, statistical and geographical analyses and programming. You will work under the supervision of experienced scientists and will be part of a team of postdocs, graduates and other students. You will have an opportunity to contribute to an important scientific project on the effects of ambient air

---

---

pollution on the developing brain in children.

---

Please submit the following documents to:

Dr. Iana Markevych, [iana.markevych@uj.edu.pl](mailto:iana.markevych@uj.edu.pl)

---

Application deadline:

**30.06.2020**

---

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

[https://psychologia.uj.edu.pl/en\\_GB/nauka/laboratoria/Mind-and-Environment-Center](https://psychologia.uj.edu.pl/en_GB/nauka/laboratoria/Mind-and-Environment-Center)

---