



Warsaw, 5th September 2023

Neurocognitive Development Lab – Institute of Psychology, Polish Academy of Sciences

Call for Applications for 2x PhD student positions

We are looking for applications for PhD positions in externally funded research project entitled „ *How do parents facilitate early vocal development of infants? The role of optimising postural stability and locomotor activity during social interactions*” (National Science Centre of Poland, OPUS24, 2022/47/B/HS6/02565).

The project will re-use existing datasets. It involves longitudinal analyses of postural stability and motor activity of infants during their social interactions with the parent. We will investigate, how the parents support the postural stability of their infants and how this facilitates the early development of speech and vocalisations. Project abstract:

<https://www.ncn.gov.pl/sites/default/files/listy-rankingowe/2022-09-15-opu8jisl/streszczenia/568469-en.pdf>

Short video about our lab:

https://youtu.be/_f0cbYB9Yfo?feature=shared

Rules and regulations:

Successful candidates will receive a stipend of 5 000 PLN for up to 36 months (earliest starting date is 1st October 2023). The competition is following the rules of the National Science Centre of Poland. PhD students will enroll with the Graduate School for Social Research of the Polish Academy of Sciences (<https://www.gssr.edu.pl>).

Location

We offer research-focused full-time PhD positions (no teaching commitments) in a successful, interdisciplinary research team based in Warsaw, Poland. We have been active for over 10 years (more in Polish on babylab.edu.pl). Also, we offer:

- personal laptop,
- opportunities for undertaking specialist training abroad and participation in international research workshops related to the project,
- opportunities for research stays and major conferences, as well as collaboration with partners from e.g. the United Kingdom, France and Germany.



Responsibilities:

- Setting up a behavioural coding scheme (video recordings) for the analysis of parental activity that supports postural stability of the infant during social interactions,
- Longitudinal analysis of infant movement data from wearable motion sensors (data already collected)
- International collaboration with respect to postural stability during interactions
- Supporting the research team with other project activities (coding of video recordings; analysis of infant vocalisations; analysis of infant motor activity; analysis of language outcomes),
- Preparation of conference presentations, research reports and article manuscripts,
- Taking part and organizing team meetings,

Successful candidates are expected to work full-time (40 h per week).

Requirements. We accept applications from candidates who:

1. hold a Master's degree in psychology, cognitive science, speech and language therapy, neuroinformatics, biomedical physics, biology or related field,
2. have excellent English language skills (in speech and writing)
3. have experience in conducting empirical research (data collection and analysis) in psychology, cognitive science or social sciences (experience in neurocognitive development will be an advantage)
4. we particularly welcome candidates with programming skills in Matlab/Python/R and/or experience with the analysis of biosignals in those programming environments

How to apply? Candidates should submit the following documents in their application:

1. CV with information on education and research experience, as well as information on potential publications or other achievements that are relevant to the project
2. Cover letter stating the motivation to become a PhD student in the lab
3. Names and contact details (email) of 2 persons that may provide a reference
4. Scan of their MA degree diploma or official confirmation of completed degree (if the diploma is not yet available)
5. Confirmation of English language skills at B2 level (see information on how to confirm it at: <https://www.gssr.edu.pl/admissions/documents-checklist/>)



Further information can be obtained from the project PI prof. Przemysław Tomalski - ptomalski@psych.pan.pl

Please submit all document via email to 2 addresses: ptomalski@psych.pan.pl (prof. Tomalski) and sekretariat@psych.pan.pl by **20th September 2023 (until 12.00 pm)**. Please entitle your email: „PhD student competition – Tomalski-2023 – First name and surname”.

Interviews (online via teleconferencing) will be held on the 25th September 2023.

Recruitment decisions will be finalised by the 30th September 2023. Please note an additional requirement of the GSSR grad school for candidates who do not hold a degree in psychology – they need to pass an additional exam (scheduled for 27th September) based on set readings. List of readings available here:

https://drive.google.com/file/d/1fg0cpg2OU-6l9T9uWJjd7c64rjoHE4FT/view?usp=share_link

Please add the following statement on data protection to your cover letter:

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).

Data protection clauses (in Polish)

Administratorem Pani/a danych osobowych jest Instytut Psychologii Polskiej Akademii Nauk z siedzibą w Warszawie (00-378) przy ul. Jaracza 1. W sprawach związanych z Pani/a danymi proszę kontaktować się z Inspektorem Ochrony Danych, adres e-mail; sekretariat@psych.pan.pl. Dane osobowe przetwarzane są w celu rekrutacji na stanowisko określone w ogłoszeniu prowadzonej przez Instytut Psychologii PAN, na podstawie art. 6 ust. 1 lit. a i b RODO. Dane będą przechowywane w czasie niezbędnym do zrealizowania rekrutacji, maksymalnie przez okres do 30. września 2023. Osobie, której dane dotyczą przysługuje prawo dostępu do swoich danych, ich sprostowania, usunięcia, ograniczenia przetwarzania, wniesienia sprzeciwu wobec ich przetwarzania, prawo do przenoszenia danych, a także prawo wniesienia skargi do organu nadzorczego. Podanie danych jest dobrowolne, ale niezbędne do realizacji wskazanego celu. Dane osobowe nie będą przekazywane do państwa trzeciego. Pozyskane dane osobowe przekazywane będą tylko organom lub podmiotom publicznym uprawnionym do uzyskania danych na podstawie obowiązujących przepisów.