



Doctoral Vacancy Announcement form

Research Topic Title: Psycholinguistics, Cognitive Psychology, and/or Neurodevelopmental Disorders.

No. of Openings: 2

Description: The selected individuals are expected to engage in research on language and/or (neuro)cognitive processes in populations relevant to the LangSci Lab's research programme (www.langsci.com.cy), including neurodevelopmental populations, such as individuals with Autism Spectrum Disorder. There is also the possibility of employment in ongoing research projects of the LangSci Lab and/or through undertaking teaching assistant duties, with appropriate funding provided for each role. In particular, the chosen individuals are expected to:

- Implement research on a topic and population within the LangSci Lab's research focus (e.g., individuals with Autism Spectrum Disorder).
- Collect data in Cyprus and/or Greece.
- Analyze participant data.
- Actively participate in, support the activities of, and collaborate with other members of the LangSci Lab.
- Participate in writing research proposals for funding.
- Present research work at conferences.
- Write and publish scientific papers in peer-reviewed academic journals.
- Teach or assist in the teaching of undergraduate and/or postgraduate courses when necessary.

Required Qualifications:

- A Bachelor's (BA or BSc) and a Master's degree (MA or MSc) in Speech and Language Therapy / Speech and Language Pathology /



Neurodevelopmental Disorders (including Communication Disorders) or Linguistics or Psychology or Neuroscience or Cognitive Science, or a related field. Candidates who are currently completing a Master's degree (MA or MSc) are also eligible to apply, provided that they will have successfully fulfilled all the requirements of the relevant programme by the start date of the doctoral studies (September 2026).

- Prior involvement in research (e.g., publications, conference presentations, engagement in research projects) as well as a research interest or past research experience in language and/or (neuro)cognitive processes and/or Neurodevelopmental Disorders (including Communication Disorders and/or Autism Spectrum Disorder) will be considered an advantage.
- Very good written and oral English skills.
- Experience in quantitative research methods and data analysis; and familiarity with statistical software (e.g., SPSS, R) will also be considered an advantage.

Funding: One of the two doctoral positions is offered with a scholarship covering full tuition fees.

Research Advisor:

Name/Surname: Dr Kyriakos Antoniou

Position: Assistant Professor

Email: kyriakos.antoniou@cut.ac.cy



Cyprus
University of
Technology

Studies and
Student Welfare
Services

Doctoral Vacancy Announcement form

Research Topic Title: Environmental and Public Health, specializing in Public Health

No. of Openings: 1

Description: The research position will focus on non-communicable diseases, such as cancer or type II diabetes, dealing primarily with issues of disease prevention and/or quality of life.

Required Qualifications: Interested applicants must hold an accredited Bachelor's degree and a Master's degree in a related field. Proficiency in the English language is required. Any relevant work and/or research experience will be considered as an advantage.

Funding:

Research Advisor

Name/Surname: Costas A. Christophi

Position: Associate Professor of Biostatistics and Epidemiology

Email: costas.christophi@cut.ac.cy



Doctoral Vacancy Announcement form

Research Topic Title: Study of Neuroplasticity in Aphasia and Dysphagia through Electroencephalography (EEG)

No. of Openings: 1

Description: This doctoral dissertation will focus on investigating neuroplasticity in acquired neurological disorders affecting communication and swallowing, leading to aphasia and dysphagia. Through the use of electroencephalography (EEG), the research aims to analyze the fundamental neural mechanisms underlying recovery in aphasia and dysphagia, with the objective of advancing scientific knowledge in the field of neurorehabilitation. The selected candidate will receive training in advanced assessment and intervention technologies for aphasia and dysphagia at the Cyprus Rehabilitating Aphasia & Dysphagia (C-RAD) Lab.

Required Qualifications:

- Bachelor's degree in Speech and Language Therapy / Neuroscience / Cognitive Science / Biomedical Engineering
- Master's degree in the same or a related field
- Excellent command of English: IELTS overall score of 7.0, with a minimum of 6.5 in each component

Funding: Full or partial funding, depending on qualifications and availability.

Research Advisor:

Name/Surname: Anastasios M. Georgiou

Position: Lecturer

Email: anastasios.georgiou@cut.ac.cy



Doctoral Vacancy Announcement form

Research Topic Title: Aphasia Rehabilitation: Investigating the Effectiveness of Transcranial Magnetic Stimulation (TMS) in Aphasia Rehabilitation

No. of Openings: 1

Description: The present doctoral project will focus on investigating the effectiveness of Transcranial Magnetic Stimulation (TMS) as a non-invasive brain stimulation technique for the rehabilitation of Aphasia in acquired neurological disorders. The selected candidate will be trained in the application of TMS protocols, behavioral therapy protocols for Aphasia, and in the design of combined therapeutic interventions at the “Cyprus Rehabilitating Aphasia & Dysphagia” (C-RAD) Lab.

Required Qualifications:

- Bachelor’s degree in Speech and Language Therapy / Neuroscience / Cognitive Science
- Master’s degree in the same or a related field
- Excellent command of English: IELTS overall score of 7.0, with a minimum of 6.5 in each component

Funding: Full or partial funding, depending on qualifications and availability.

Research Advisor:

Name/Surname: Anastasios M. Georgiou

Position: Lecturer

Email: anastasios.georgiou@cut.ac.cy



Doctoral Vacancy Announcement form

Research Topic Title: Neurocognitive Rehabilitation with Emphasis on Motor Function: Integration of Electrophysiological Biomarkers, Artificial Intelligence, and Virtual and Augmented Reality within the Framework of Evidence-Based Practice

No. of Openings: One (1)

Description: The present call for a doctoral position falls within the broader field of Neurorehabilitation and Digital Neurotechnology and focuses on investigating the integration of electrophysiological biomarkers, Artificial Intelligence methods, and Virtual and Augmented Reality technologies in neurocognitive rehabilitation, with particular emphasis on motor function.

The research aims at the development, optimization, and evaluation of innovative, evidence-based interventions grounded in multimodal data (e.g., electrophysiological signals and motion data) and adaptive digital environments, with the objective of enabling personalized therapeutic approaches and improving functional rehabilitation outcomes.

The doctoral dissertation may focus (or combine elements) on either:

- the development and evaluation of intelligent, adaptive, and interactive rehabilitation systems that leverage Artificial Intelligence and/or Virtual and Augmented Reality technologies,
- or
- the investigation of neurophysiological mechanisms and the clinical evaluation of evidence-based interventions in the field of neurocognitive rehabilitation.

The doctoral candidate will be trained in and apply advanced electrophysiological techniques and immersive technologies, integrating Electromyography (EMG), Electroencephalography (EEG), Electrocardiography (ECG), as well as motion analysis systems.

Responsibilities include the design of experimental protocols, the collection and analysis of behavioral and neurophysiological data, and the preparation and publication of scientific manuscripts in international peer-reviewed journals and conferences.

The doctoral candidate will have access to the advanced equipment of the Rehabilitation Clinic of CUT, as well as the research infrastructures of the CYENS Centre of Excellence, where close collaboration with the Neo-Move research team (Neurocognitive Management of Occupational Movement Disorders) will take place.



Required Qualifications:

- A Bachelor's degree and a Master's degree in a relevant field, such as (indicatively): Physiotherapy, Occupational Therapy, Special Education, Kinesiology or Sport Sciences, Biomedical Sciences, Psychology (with specialization in Neuropsychology), Neurorehabilitation, Neuroscience, Biomedical Engineering, Electrical Engineering, or another related discipline.
- Demonstrated interest in cutting-edge technologies, Artificial Intelligence, and their applications in the rehabilitation sciences.
- Very good command of the English language, both written and oral.
- Desirable experience in programming (preferably in Python and/or MATLAB), as well as proficiency in the use of statistical software.
- Previous research experience in techniques such as Electroencephalography (EEG) and Electromyography (EMG), as well as basic knowledge of Artificial Intelligence (AI), Virtual Reality (VR), and/or Augmented Reality (AR), will be considered a significant additional asset.
- Strong analytical skills and demonstrated motivation to conduct high-level research.

Funding: There is the possibility of partial funding through external and/or other research programs, subject to qualifications and availability of funds.

Research Advisor:

Name/Surname: Christos Ioannou

Position: Assistant Professor

Email: christos.ioannou@cut.ac.cy