Doctoral Vacancy Announcement form

Research Topic Title: "Speech and Language Therapy"

No. of Openings: 1

Description: The proposed PhD topic focuses on studying the relationship between oral narrative discourse, written discourse, and the reading process. It examines how narration shapes and influences the production and comprehension of written discourse, as well as the cognitive and linguistic mechanisms involved in reading and writing. The research field may encompass speech-language pathology, pedagogical, or psycholinguistic approaches.

Required Qualifications:

Applicants should meet the following requirements:
- A Bachelor's and Master's degree relevant to the subject (e.g., Speech Therapy, Linguistics, Education, Psychology).
- Excellent knowledge of Greek and English.
- Research skills and experience in data collection and analysis (qualitative or quantitative).
- Previous research experience or publications will be considered an asset.

Funding:

Research Advisor: Elena Theodorou
Name/Surname:
Position: Assistant Professor
Email: eleni.theodorou@cut.ac.cy

Doctoral Vacancy Announcement form

Research Topic Title: "Cognitive Neuroscience"

No. of Openings: 2

Description: Our research focuses on the assessment of cognitive functions (e.g. attention, memory and perception) in healthy individuals and patients with neurological and psychiatric disorders. We use behavioral experimental methods, neuroimaging (MRI) and non-invasive brain stimulation (Transcranial Magmentic Stimulation) to understand how the human brain functions in clinical and healthy populations.

Required Qualifications: We are looking for students who have at least a bachelor's degree (a master's degree is not required) in related sciences (Psychology, Biology, Medicine, Engineering, Rehabilitation Sciences, etc.).

Funding: Funding from a research project with a monthly allowance of at least €800/month

Research Advisor: Nikos Konstantinou
Name/Surname:
Position: Associate Professor
Email: nikos.konstantinou@cut.ac.cy

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Research Topic Title: "Psycholinguistics: "Relationship between language and executive functions"

No. of Openings: 1 (One)

Description: The doctoral research project will investigate the relationship between language and executive functions, focusing on Greek-speaking individuals with stroke-induced aphasia and neurologically healthy Greek-speaking adults.

Required Qualifications: Applications may be submitted by holders of a degree in any relevant discipline, such as linguistics, psychology and speech language therapy/pathology. A postgraduate degree is a plus but not a requirement.

Funding: Positions will be financially supported depending on qualifications and availability of funding.

Research Advisor:
Name/Surname: Valantis Fyndanis
Position: Assistant Professor
Email: c.fyndanis@cut.ac.cy

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Research Topic Title: "Psycholinguistics or Cognitive (Neuro)Psychology or Developmental Communication Disorders"

No. of Openings: 2 (Two)

Description: The selected individuals are expected to engage in research on language and/or (neuro)cognitive processes in populations of particular interest to the research advisor's "Language, Communication and Neurocognition Science Lab (LangSci Lab)" (www.langsci.com.cy); for example, in individuals with Autism Spectrum Disorder and/or in older adults with Mild Cognitive Impairment or Alzheimer's Dementia. 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. Furthermore, candidates are encouraged to apply for one of the scholarships for doctoral studies offered by the Cyprus University of Technology and/or by the Department of Rehabilitation Sciences within the Cyprus University of Technology. In particular, the chosen individuals will:

- Implement research on a topic and population within the LangSci Lab's research focus (e.g., individuals with Autism Spectrum Disorder and/or older adults with Mild Cognitive Impairment or Alzheimer's Dementia).
- 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/or a Master's degree (MA or MSc) in Speech and Language Therapy/Speech and Language Pathology/Communication Disorders or Linguistics or Developmental Psychology or Neuroscience or Cognitive Science or a related field. In the case of candidates with a first-degree (Bachelor's) grade of "Excellent" (or "Distinction") in one of the above fields (or a related subject), a Master's degree (MA or MSc) is not essential. However, possessing a Master's degree (MA or MSc) in one of the above fields

(or a related subject) may be considered an advantage.

- Prior involvement in research (e.g., publications, presentations in conferences, engagement in research projects). Interest or past experience in research on (1) language and/or (neuro)cognitive processes; and (2) individuals with Autism Spectrum Disorder or older adults (neurotypical or with Mild Cognitive Impairment or with Alzheimer's Dementia) will be considered an important advantage.
- Very good written and oral English skills for writing research papers and presenting at international conferences.
- Strong communication and writing skills.
- Experience in quantitative research methods and data analysis; and familiarity with statistical software (e.g., SPSS, R) are desirable.

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

Research Advisor:
Name/Surname: Kyriakos Antoniou
Position: Associate Professor
Email: kyriakos.antoniou@cut.ac.cy

Doctoral Vacancy Announcement form

Research Topic Title: "Environmental and Public Health"

No. of Openings: 1 (One)

Description: One PhD position is available in Prof. Makris' research group at the Cyprus University of Technology. The successful candidate will be trained on key thematic concepts of the human exposome, i.e. the holistic representation of all those environmental, dietary, lifestyle/behavioral factors that relate to the development of chronic diseases with special emphasis on hormonal cancers or metabolic disorders. The PhD student will apply the framework of the human exposome and its exposomics tools (multi-omics, sensors, biomarkers) in either observational or experimental settings. The group leads the CHILDREN_FIRST cohort network-details here: www.childenfirstcy.com. The study of all human exposures to harmful agents found in water, air, diet or behavioral/lifestyle habits and their health effects requires the combined use of multi-omics platforms, novel biomarkers, and biostatistical methods. The successful candidate will be trained on the use of either state-of-the-art multi-omics and biomarkers protocols, wearable sensor datasets and data-driven methodologies for better understanding of the disease process. Our laboratory is equipped with advanced mass spectrometers to conduct specialized analyses in human biospecimen and it is located in the old town of Limassol, just minutes away from the cosmopolitan Mediterranean seafront.

Required Qualifications:
Highly motivated candidates should possess a Master in Life Sciences or Physical Sciences or in a related discipline.

Funding:
The successful candidate will be offered financial support, depending on skills and funding availability.

Research Advisor:
Name/Surname: Konstantinos C. Makris
Position: Professor
Email: konstantinos.makris@cut.ac.cy