



Doctoral Vacancy Announcement form

Research Topic Title: Doctoral program in Environmental and Public Health-Public Health Challenges of Familial Dyslipidemias

No. of Openings: 1 (one)

Description: Familial dyslipidemias, especially Familial Hypercholesterolemia (FH), represent a significant public health challenge due to their high prevalence and increased risk of premature cardiovascular disease (CVD). Addressing this requires a multi-pronged public health approach with several of the below aspects expected to be addressed in the proposed doctoral project in the Cypriot context. These include but are not limited to: increasing awareness among healthcare providers and the public, establishing systematic population screening programs for early detection, assessing cost-effectiveness of screening for multiple dyslipidemias etc.

Required Qualifications: Applicants must hold a BSc degree in Health Sciences and an MSc degree in epidemiology/public health. Very good knowledge of both the Greek and English language is a requirement, as well as ease of use of statistical programs. Any work or research experience will be considered additionally.

Funding: Funding opportunities will be available from internal and external grants based on qualifications and availability

Research Advisor:

Name/Surname: Andrie Panayiotou

Position: Associate Professor

Email: andrie.panayiotou@cut.ac.cy



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Research Topic Title: Neural Mechanisms of Visual Working Memory: A Combined Transcranial Magnetic Stimulation (TMS) and Electroencephalography (EEG) Investigation.

No. of Openings: 1

Description: This PhD project lies within the field of cognitive neuroscience, focusing on the debated role of the primary visual cortex (V1) in the temporary storage of information in visual working memory (VWM). The successful candidate will be trained in and will apply cutting-edge neurostimulation and neuroimaging techniques, combining Transcranial Magnetic Stimulation (TMS) with Electroencephalography (EEG) to address two key research questions:

1. The different storage mechanisms (i.e., persistent-activity vs. activity-silent) employed by V1.
2. The functional connectivity between V1 and the posterior parietal cortex (PPC) during VWM tasks.

Responsibilities will include experimental design, collection and analysis of behavioral and neurophysiological data, and writing scientific publications.

Required Qualifications:

- BSc and MSc in a relevant field (e.g., Psychology, Neuroscience, Cognitive Science, Biomedical Engineering).
- A strong interest in cognitive neuroscience and research on human perception and memory.
- Excellent command of the English language, both written and spoken.
- Programming skills (preferably in Python and/or MATLAB) are highly desirable.
- Prior hands-on research experience with techniques such as EEG and/or TMS will be considered a strong asset.
- Strong analytical skills and motivation to conduct high-quality research.

Funding:



Cyprus
University of
Technology

Studies and
Student Welfare
Services

Funding is available, covering a monthly stipend according to the Cyprus University of Technology regulations.

Research Advisor:

Name/Surname: Nikos Konstantinou

Position: Associate Professor

Email: nikos.konstantinou@cut.ac.cy



Doctoral Vacancy Announcement form

Research Topic Title:	Psycholinguistics: “Multilevel analysis of narrative speech in dementia of the Alzheimer type and in mild cognitive impairment: Evidence from Greek”		
No. of Openings:	One (1) position		
Description:	A narrative speech analysis will be conducted on Greek-speaking individuals with Alzheimer-type dementia, individuals with mild cognitive impairment, and neurotypical adults. Additionally, a comparison will be made among these three participant groups with regard to the various measures of narrative discourse. Finally, the relationship between microstructure and macrostructure will be examined, as well as the role of demographic factors and cognitive abilities in narrative production.		
Funding:	Positions will be financially supported depending on qualifications and availability of funding.		
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 not a requirement.		
Research Advisor:			
Name/Surname:		Valantis Fyndanis	
Position:		Assistant Professor	
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