

CALL FOR APPLICATIONS



Neo-PRISM-C project

Neurodevelopmental Optimal-Predictors, Risk factors, and Intervention from a Systems approach to Maladjustment in Children

Early Stage Researcher (ESR) position

The Applied Psychology Laboratory (APL) of the Department of Psychology at the University of Crete is offering:

- Position for **1 Early Stage Researcher**(ESR; doctoral student) in a project aiming to study neurodevelopmental disorders (NDD). The purpose of the *Neo-PRISM-C* ETN is three-fold. First, it seeks to train Early Stage Researchers (ESRs) in applying the Research Domain Criteria, a novel framework for understanding psychopathology, to the study of the mechanisms and treatments of NDD. Second, it aims to train ESRs from multiple disciplines (psychology, neuroscience, data science) in state-of-the-art and transferable skills for innovating the study of brain-behavior relationships in NDD, in the context of a systems-based, trans-diagnostic theoretical frame. Finally, this ETN will also support training in designing evidence-based, individualized treatments of learning, behavioral, and social maladjustment, bridging across diagnostic categories. Towards these goals, we have assembled a trans-sectoral European network with expertise in cognitive, social, educational, clinical, and emotion research to provide training ESRs.
- Applicants holding a Bachelor and a Master degree in the area of Psychology (MSc in School Psychology or Clinical Psychology preferably) are encouraged to apply. The selected doctoral student will enroll at the Department of Psychology of the University of Crete and work towards a **Ph.D. in Psychology**. Applicants must **have mastery of the Greek language**.

The multidisciplinary *Neo-PRISM-C* project is funded by the Horizon 2020 Marie Skłodowska-Curie action of the European Union. It is part of the Innovative Training Network (ITN) actions (<http://www.neoprismc.org/>)

Hosting Institution

The Applied Psychology Laboratory (APL)

This exciting and challenging position is offered at APL that was founded in 2004 at the Department of Psychology of the University of Crete, in order to support Psychology faculty and students in the development and application of quantitative methods for psychological research and practice (<http://www.psychology.uoc.gr/en/labs/laboratory-of-applied-psychology/applied-psychology.html>). It is located in the main campus of the University of Crete in Gallos, Rethymno as part of the Center for Research and Studies (CRS) in Humanities, Social Sciences and Pedagogics of the University of Crete (<http://www.keme.uoc.gr/index.php/en/2016-03-09-12-38-39/department-of-psychology/288-applied-psychology-laboratory>) and its computing facilities include experimental design and advanced data analyses platforms. Since its inception applied research conducted in the laboratory has produced a number of psychometric instruments designed to assess cognitive and linguistic abilities in children and adults in a variety of settings (schools, special education classrooms, diagnostic centers for learning disabilities, neurology and psychiatry clinics). The Laboratory comprises researchers whose interests align with the goal of promoting high-quality advanced research. The collaborator faculty consists of members of the academic staff at the Department of Psychology and members of their research teams such as PhD candidates.

DEPARTMENT OF PSYCHOLOGY, UNIVERSITY OF CRETE (UOC)

The University of Crete (<http://www.en.uoc.gr/>) is a young public educational institution committed to excellence in research and teaching. Its mission is 'to generate and transmit knowledge through research and teaching, to prepare students for its application on a professional level and to cultivate the arts and culture'. The University of Crete strives for excellence in teaching, research and community partnerships and aims to provide a) a secure and open teaching and learning environment for our students, b) take a leading role in research and the resulting innovations, promote the cultural, social and economic development of the region, and c) develop and strengthen collaborations with other academic institutions within Greece, Europe and worldwide. The international orientation of the University is reflected in its track record of collaborations with many of the leading research and educational institutions in Europe and worldwide as well as active promotion of mobility and exchange programmes. Reflecting its research activity and associated initiatives, the University of Crete is the first Greek University to have signed the EU Charter and the Code for the recruitment of researchers, and forms part of the Euraxess European network for the mobility of researchers. The University fully participates in quality assurance mechanisms both for its academic and administrative structures, and it is a strategic choice of the University that there will be an ongoing effort to meet quality in all its structures. For further information about research activities visit <http://en.uoc.gr/research-at-uni/research-activity/research-activities.html>

The Department of Psychology was established in 1984 and enrolled its first students in the fall of 1987. It is the first, and thus the oldest Department of Psychology

in Greece. In June 2004, the Department became officially autonomous (with its own HoD) within the university system and currently has more than twenty faculty members. The Psychology Course objectives of the Department are:

- to cultivate and promote scientific field of psychology through academic teaching and research.
- to provide students with the necessary resources in terms of theory, research and practical training, that will allow them to actively engage in the development of psychological knowledge and hence acquire the basic skills for the pursue of successful careers.

The Department of Psychology has hosted a number of conferences and has participated in many European Programs and interuniversity links.

LIVING IN RETHYMNO, CRETE

The Schools of Philosophy, Education and Social Sciences are located at the University's Gallos Campus in Rethymnon of Crete island. Crete, the largest of the Greek islands, is rich in ancient and modern Mediterranean cultures. Apart from the archaeological sites, the museums, and the spectacular scenery, it is an island with a reputation for hospitality and good food. Rethymnon is located 90 km west of Heraklion and 70 km east of Chania, linked by the island's main east-west highway. The city has a lively society and offers a host of social and cultural events and activities to meet the varied interests of all visitors. Also, is renowned for its numerous cafés and restaurants, and it is a lively student city. For detailed information on the cultural and social life of each town - including the sights, events, accommodation and maps - as well as the services offered by the local authorities, see the Municipality site <https://www.rethymno.gr/en/city> and Hellenic Tourist Organization site <http://www.visitgreece.gr/>.

Individual Research Project

A description of all relevant information about **ESR's individual research project** (project title, host institution, supervisors, link, specific requirements and expected results) is followed:

Fellow: Treat-*ESR12*

Project Title: Determinants of treatment response to state-of-the-art interventions for attention deficits: Child temperament, cognitive profiles, and family dynamics (WP3).

Host Institution: University of Crete

Supervisors: Panagiota Dimitropoulou (UOC), Georgios Sideridis (UOA), Timothy Papadopoulos (UCY)

Specific Requirements

ESR12 will investigate the contributing factors that should be included in the implementation of multilevel evidence-based intervention programs regarding treatment of children with attention deficit disorder. Specifically, emphasis will be given

to determinants related to temperament, cognition and family environment of children with attention deficits such as ADHD.

Expected results

- (1) To examine and identify temperament and personality traits of school age attention deficit children and their associations with internalizing and externalizing problems and investigate mediating factors related to parenting patterns and attachment forms such as insecurity and also parental and/or teacher acceptance/rejection.
- (2) To better understand the differences in cognitive profiles and skills of students characterized by attention deficits by utilizing multiple measurements.
- (3) To develop a multilevel intervention program, aiming at the training of ADHD children on various behavioral and cognitive skills, so as to prevent negative developmental trajectories that include development of other disorders, school failure, and long-term adjustment difficulties.

Eligibility criteria

Successful applicants should:

- (a) Must **not** have resided or carried out their main activity (work, studies, etc.) in the country of their host organisation **for more than 12 months** in the 3 years immediately prior to the contract commencement date. In other words applicants must have resided **outside of Greece** for more than 2 years in the last three years.
- (b) Have a proven knowledge of **the third theme** of the *Neo-PRISM-C training in designing evidence-based, individualized treatments of learning, behavioral, and social maladjustment, bridging across diagnostic categories*, as judged based on outstanding results within a diversified career path, publication activity, and teaching, supervision, teamwork, knowledge transfer, and management.
- (c) For entry into either Ph.D. program, a Bachelor's degree in Psychology and Master's degree in School or Clinical Psychology **from an accredited University are required** (recognized by the relevant authority of Greece <http://www.doatap.gr/>).

Women and men from all countries are encouraged to apply. The recruitment milestone for all ESRs is estimated at the 6th month from the ETN start.

Offer Requirements

Qualifications

1. A University degree in psychology and a Master's degree in School Psychology or Clinical Psychology.
2. Excellent written and spoken Greek skills
3. Excellent written and spoken English skills (applicants are required to provide relevant proof).
4. Knowledge of at least one more European Language represented in the consortium (e.g., French, Finnish, Hungarian) will be considered as an advantage.

5. Training in the implementation of evidence based intervention programs and research will be considered as an advantage.
6. Good knowledge of Research Methods and Advanced Statistics (e.g., longitudinal designs, Structural Equation Modeling – SEM, etc.) in psychology research is strongly recommended.
7. Knowledge on computer proficiency in standard statistical software of Social Sciences (e.g., SPSS, R, Mplus) is highly desirable.
8. Knowledge and prior involvement in evidence based intervention programs.
9. Sufficient breadth or depth of specialist knowledge in the discipline and research methods and techniques.
10. Strong organizational and planning skills and ability to take initiatives.
11. Demonstrated experience with research and an ability to work with international research teams whose work focuses on children from special and vulnerable populations will be considered an advantage.

Additional information

Overall, *Neo-PRISM-C* will offer the ESRs:

- Project-specific research in neurodevelopmental disorders
- Full-time employment for 3 years with a competitive salary and additional resources to take part in international conferences and collaborations
- A PhD-title after the completion of the research project
- Secondments to partner organizations
- Participation in workshops and courses /training on scientific and entrepreneurial skills, as well as excellent supervision
- Membership of world-renowned labs, as part of a motivated interdisciplinary team
- Membership of the University of Crete, one of the pioneering younger research universities in Europe.

Benefits

Post Financial Terms

The *Neo-PRISM-C* consortium comprises eight teams from several European countries and N. America partners and has a total budget of €4 million. The post for the ESR is a **full-time** and fixed term for one year with a possible renewal for another two years, with an expected start date September 2, 2019. Salary will be €34,806 per year, including comprehensive health insurance and social security plans. Salary will be supplemented with Mobility Allowance (€600 per month). Qualified applicants based on family status may receive an additional Family Allowance of €500 per month.

How to apply

Candidates are asked to submit the required documents in a single pdf file via email, to Dr. Panagiota Dimitropoulou at neoprismc@psy.soc.uoc.gr until **April 30, 2019, 14:30 EET**:

- Letter of motivation (research interests, research career goals, skills, experience, reasons for applying to the program and the specific host organization)
- A full updated CV (including among other information, personal details with complete contact data, work, and education history, etc.)
- Certified copies of relevant degrees and English Language proof of proficiency
- The names and e-mail addresses of two referees
- After the deadline the applicants will be asked to participate face to face (if possible) or online interviews.

For more information, please contact:

Assistant Professor Panagiota Dimitropoulou

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Application deadline: **April 30, 2019.**