

Academic Personnel Short Profile / Short CV

University:	Frederick University
Surname:	Panaoura
Name:	Areti - Rita
Rank/Position:	Professor
School:	Education and Social Sciences
Department:	Education
Scientific Domain:	Mathematics education

Academic qualifications				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD in Mathematics Education	2004	University of Cyprus	Education	The development of young children's metacognitive abilities in mathematics
MA in Mathematics Education	2000	University of Cyprus	Education	The structure and the understanding of mathematical proof
MSc in Research Methodology	2014	Exeter University	Education	
BA in Education	1996	University of Cyprus	Education	

Employment history in Academic Institutions/Research Centers				
Period of employment		Employer	Location	Position
From	To			

2007	today	Frederick University	Nicosia	Professor
2005	2007	Frederick Institute of Technology	Nicosia	Lecture
2004	2005	Frederick Institute of Technology	Nicosia	Part-time lecture
1998	2004	University of Cyprus	Nicosia	Special teaching staff
1996	1998	Ministry of Education		Teacher at primary education

Key <i>refereed</i> journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2024	Educating the developing mind	Demetriou, A. Spanoudis, G. Greiff, S. Vainikainen, M. Kazi, S. Makris, N.	Routledge		
2	2024	Exploring secondary school students' geometrical figure apprehension: cognitive structure and levels of geometrical ability	Michael-Chrysanthou, P. Gagatsis, A. Elia, I.	Educational Studies in Mathematics		
3	2024	First year engineering students' affective behaviour about mathematics in relation to their performance	Charalambides, M. Tsolaki, E. Pericleous, S.	European Journal of Science and Mathematics Education	12	128
4	2023	Secondary teachers' geometrical figure apprehension: their ability to construct geometrical proof and to predict students' difficulties	Gagatsis, A. Geitona, Z. Elia, I.	<i>Didattica Della Matematica</i>	14	59
5	2023	First Year Engineering Students' Difficulties with Math Courses- What Is the Starting Point for Academic Teachers?	Charalambides, M. Tsolaki, E. Pericleous, S	Education Sciences	13	835

6	2023	Children's informal learning in mathematics through parental involvement with play-based activities: a nonformal training program	Nitsiou, C.	Education Sciences	13	870
7	2022	Changing priorities in the development of cognitive competence and school learning: A general theory.	Demetriou, A. Spanoudis, G. Greiff, S. Vainikainen, M. Kazi, S. Makris, N.	<i>Frontiers in Psychology – Educational Psychology.</i>		
8	2022	Play-based mathematical activities at the ages of infancy: a case study at a nursery school.	Petrou, P.	<i>Scientia Paedagogica Experimentalis</i>	59	117
9	2022	Play based activities for mathematical thinking at infancy: Nursery teachers' and parents' beliefs.	Petrou, P.	<i>Journal of Childhood, Education and Society</i>	3	86
10	2022	The role of representations in the understanding of mathematical concepts in higher education: The case of function for economics students	Gagatsis, A. Nicolaou, S. Elia, I. Deliyianni, E. Stamatakis, S.	Journal of Research in Science Mathematics and Technology Education	5	69

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2024-2026	In service teachers' seminars for using digital technology	Pedagogical Institute	Scientific coordinator of a unit
2	2022-2023	The evaluation of the structure and the Curriculum of the upper secondary education MIEEK	Ministry of Education	Research Expert
3	2019-2021	In service teachers' seminars for using digital technology	Pedagogical Institute	Scientific coordinator of a unit

4	2018-2020	Roboscientists	EU	Research Team Member
5	2017-2018	CSRC	EU	Research Team Member
6	2016-2019	CABCIN	EU	Coordinator FU Team
7	2010-2012	Spatial ability and geometrical thinking development	University of Cyprus	Research Team member
8	2006-2008	The development of young pupils' problem solving ability and self-regulation. With the participation of a distinguished researcher (Dr Erik De Corte).	Cyprus Research Promotion Foundation	Research team member
9	2007-2009	The role of representations in primary and secondary mathematics education.	University of Cyprus	Research team member

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2024-today	International Journal of Science and Mathematics Education	Member of the Editorial Board	
2	2023-today	Journal of the Mathematics for Life Science	Member of the Editorial Board	
3	2024-today	Journal Educational Psychology	Consulting Editor	
4	2024-today	American Journal of Education and Learning	Associate Editor	
5	2022-today	Journal Computers in Human Behavior reports	Member of the Editorial Board	
6	2020-today	Social Education Research Journal	Editor in Chief	

7	2014-2020	Ministry of Education	Member of the committee for mathematics education	
8	2011-2015	Ministry of Education	Member of the committee of academics for the development of Curriculum in Mathematics	
0	2011-2019	Ministry of Education	Member of the committee of academics for the supervision of the development of mathematics textbooks.	