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CYQAA CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION

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Doc. 300.1.4

Date: 24 August 2023

Follow-up Report (for a CYQAA accredited Institution/Department/ Programme of study)

- Higher Education Institution: University of Nicosia
- Town: Nicosia
- Type of Evaluation: Departmental
- Accredited on CYQAA Council's Summit Number: 89th
- Date of Accreditation: 2022-2023

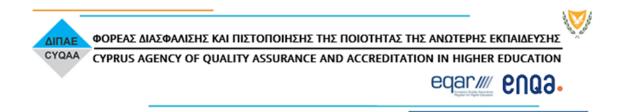
If applicable:

- School/Faculty: Medical School
- Department: Primary Care and Population Health
- Programme of Study Name (Duration, ECTS, Cycle)

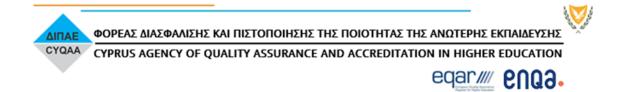
Programme <u>Master</u> In Greek: Programme Name In English: Family Medicine (1.5 years, 90 ECTS, Master of Science, E-learning)

- Programme's type: <u>Distance Learning</u>
- Language (s) of instruction: English

KYΠPIAKH ΔΗΜΟΚΡΑΤΙΑ REPUBLIC OF CYPRUS

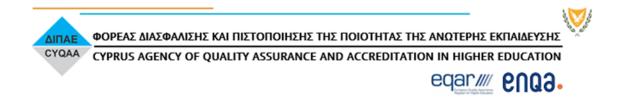


The present document has been prepared within the framework of the authority and competencies of the Cyprus Agency of Quality Assurance and Accreditation in Higher Education (CYQAA), according to the provisions of the "Quality Assurance and Accreditation of Higher Education and the Establishment and Operation of an Agency on Related Matters Laws" of 2015 to 2021 [L.136(I)/2015 – L.132(I)/2021] and the European Standards and Guidelines (ESG).



A. Internal Quality Assurance Committee

Name	Position	Rank
Dr Elena Critselis	Head of Department of Primary Care and Population Health	Associate Professor
Professor George Samoutis	Associate Head of Department of Primary Care and Population Health	Clinical Professor
Professor Joseph Joseph	Associate Dean for Academic Affairs	Clinical Professor
Dr Christiana Demetriou	Programme Director, Master of Public Health	Assistant Professor
Dr Dionysios Vaidakis	Programme Director, MSc in Family Medicine	Clinical Assistant Professor
Ms Jill Griffiths	Director of Quality Assurance	Not applicable
Ms Daphne Nicolaou	Quality Assurance Officer	Not applicable



B. Guidelines on content and structure of the Follow-up Report

- CYQAA has a consistent follow-up process for considering the action taken by the institution toward the improvement and further development of the CYQAA externally evaluated and accredited institution / department / programme of study. The present Follow-up Report should recount, synoptically, institutional action taken toward the implementation of the remarks indicated in the CYQAA Final Report.
- The Follow-up report should provide evidence (via website links) and appendices at the end of the report on how the remarks of the Council of CYQAA have been adhered to.
- The remarks indicated in the CYQAA Final Report should be copied from the corresponding report and be followed by the institution's response.
- The institution may add any other institutional action taken towards the implementation of ESG aiming at the improvement of the institution / department / programme of study.



1. Remarks on the CYQAA Final Report

The Agency calls the Institution to proceed and ensure compliance with the following, by the next three months and no later than the end of the Spring semester 2022-2023:

- 1. Publish employment vacancies for full time faculty to further support the department and submit the vacancy announcements to the Agency.
- 2. Submit to the Agency a list of all full-time and part-time faculty of the Medical School and the programmes in which they teach, noting the corresponding teaching hours for each programme.
- 3. Strengthen the connection of the Department to society and ensure that the programme is oriented to the real needs of the population.
- 4. Enrich the way students are assessed with skills tests, problem based/ case study exams and simulations and not just short answer and multiple choice questions.
- 5. Enhance research based on internationally recognised criteria (e.g. Research Excellence Framework).



2. Institution's Response

1. Publish employment vacancies for full time faculty to further support the department and submit the vacancy announcements to the Agency.

UNIC response: As part of our previous response regarding the MSc in Family Medicine programme (dated February 2023), we noted that we had recruited an additional General Practitioner who is also an alumnus, Dr Sotiris Dimosthenous, increasing the total number of the Department's General Practitioners to 13. Since then, we are pleased to note that we have appointed one of our part-time faculty member to a full-time position, namely Dr Raoul Hecker, an occupational health doctor with longstanding expertise in public health management. We are also pleased to note that we have recently re-appointed Dr Christos Stylianides as a full-time faculty member, following his resignation in 2019 to assume the role of Minister for Climate Crisis and Civil Protection in Greece. Dr Stylianides brings a wealth of experience in the area of humanitarian crisis management and public health in disasters, having assumed a number of high-level political positions for example, from 2014 until 2019, he served as the European Commissioner for Humanitarian Aid and Crisis Management.

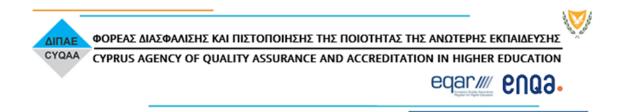
In its continuous efforts of enhancement, the Department will be appointing two full time clinical faculty members in the field of General Practice and the relevant vacancies are published on the Medical School's website at: <u>https://www.med.unic.ac.cy/2022/08/11/faculty-positions-in-general-practice-family-medicine/</u>.

Further, and most recently, we have advertised for a faculty position at the rank of Associate Professor or Professor in Clinical Population / Public Health Sciences. The vacancy can be found published on the Medical School's website at:

https://www.med.unic.ac.cy/2023/08/01/faculty-position-in-clinical-population-and-or-publichealth-sciences/.

We wish to highlight that the Department currently comprises 18 full-time clinical and academic faculty members and it also draws upon the teaching contributions and expertise of 10 full-time faculty members from other Departments, namely the Department of Basic and Clinical Sciences, the Department of Life Sciences, the Department of Management, and the Department of Accounting, Economics and Finance, who each contribute to programmes of the department, to further enhance their delivery. Considering the Department's full-time faculty, there is an excellent teacher to student ratio of 4.5:1.

2. Submit to the Agency a list of all full-time and part-time faculty of the Medical School and the programmes in which they teach, noting the corresponding teaching hours for each programme.



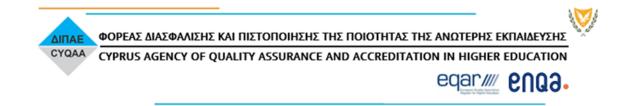
UNIC response: For an update to the list of the faculty of the Department, and clarification on their roles in other programmes, please see Appendix 1 on page 14.

Faculty positions are reviewed at the programme and at the departmental level, on an annual and ad-hoc basis, to ensure an equitable distribution of roles across disciplines and in order to consider faculty workload and development.

3. Strengthen the connection of the Department to society and ensure that the programme is oriented to the real needs of the population.

UNIC response: Social responsibility is fundamental to us and is demonstrated by our substantial and varied contribution to society. Indicatively, UNIC is ranked 63rd internationally in 'Good Health and Well Being', the United Nations' third Sustainable Development Goal (SDG) as measured by the Times Higher Education (THE) Impact Rankings: https://www.timeshighereducation.com/rankings/impact/2023/good-health-and-well-being.

The Department's strategic vision is to become a centre of excellence in advancing primary care and population health in Cyprus, the neighbouring region and other parts of the world, that are in need of improvements in the well-being of their populations. Towards this objective, faculty from the Department are actively involved in health promotion activities, for example they participate in the strategic planning and activities of the European Public Health Association (EUPHA), and contribute to the implementation of the annual European Public Health Week in Cyprus (https://www.med.unic.ac.cy/2023/05/11/activities-and-events-foreverybody-during-the-european-public-health-week-2023/). Faculty from the Department are registered as institutional representatives of the Mediterranean Lifestyle Medicine Institute, joining forces with world experts in lifestyle science research, experienced lifestyle medicine clinicians, and leaders of national and global lifestyle medicine organizations. The purpose of the Mediterranean Lifestyle Medicine Institute is to advance the concept of the traditional Mediterranean Lifestyle (tMedLife) as a healthy paradigm for global lifestyle medicine interventions through educational, research, and interventional programmes. Toolkits for Primary Care physicians with evidence based Lifestyle Medicine interventions will also be prepared as part of the activities of the Institute. Faculty joined the Institute's 1st international conference on "Defining the Traditional Mediterranean Lifestyle" (Leros, Greece. 9-11 June 2023). In addition, the Department hosted a presentation by Professor Labros Sidossis, the President of the Mediterranean Lifestyle Medicine Institute, and a distinguished Professor from the Department of Kinesiology and Health at Rutgers University, USA, on "Traditional Mediterranean Lifestyle: Millennia in the making and as healthy as it gets!" (https://www.med.unic.ac.cy/event/traditional-mediterranean-lifestyle-millennia-in-the-makingand-as-healthy-as-it-gets/).

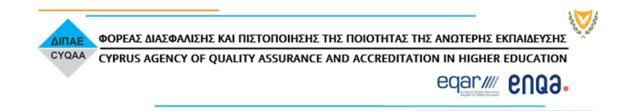


Faculty are also actively involved in national and community based health promotion projects. For example, they are working with the Anticancer Society in Cyprus alongside colleagues from other departments, oncologists from the Bank of Cyprus Oncology Centre and personnel from the Ministry of Education to design and pilot test an evidence based, experiential and student centred, school intervention targeting youth 15-18 years. The intervention aims to modify behaviour and attitudes of young individuals to lifestyle practices relating to nutrition, alcohol, exercise, smoking and dealing with stress (all well identified cancer risk factors). In addition to educating, the intervention aims to empower youth, providing them with the skills and tools to deal with peer pressure or even bullying to conform to unhealthy patterns of behaviour. Furthermore, by invitation from the Cyprus Research and Innovation Foundation (RIF), faculty recently took part in the programme/ initiative: "Researchers in Schools"/ «Ερευνητές και Ερευνήτριες στα Σχολεία». Under this initiative, faculty visited schools on or around important international days, such as Cancer Day and Earth Day and shared with primary and secondary school students information on the importance of these topics and the importance of researching these topics, with the hope to educate and inspire youth relating to careers in science (https://www.research.org.cy/prosklisi-ekdilosis-endiaferontos-giasymmetochi-sto-programma-erevnites-kai-erevnitries-sta-scholeia/).

The University of Nicosia (UNIC) Medical Centre, which is the clinical arm of the Department, serves the primary health care needs of the local population under the auspices of the Cyprus National Health Care System (GESY) through a multidisciplinary healthcare team which consists of general practitioners and visiting specialists from a variety of fields, nurses, and support and administrative staff (<u>https://www.unic.ac.cy/medicalcentre/meet-the-team/</u>). The Medical Centre further provides a model GP teaching environment for the Medical School's students, as well as allied healthcare professionals and clinical researchers, and provides ample research opportunities. The Medical Centre, in collaboration with the Department, organizes several health promotion events, including seminars for patients with diabetes, and health promotion webinars such as, on how to prevent cancer (https://www.unic.ac.cy/medicalcentre/news-events/).

Under the auspices of the UNIC Medical Centre, the Department of Primary Care and Population Health organized on May 20, 2023, the 1st Primary Care Conference in Cyprus with the support of the Cyprus Society of General Medicine, the Cyprus Association of Family Doctors, and the Cyprus Society of Internal Medicine. The Conference covered a wide range of current medical topics, such as subclinical hypothyroidism, new drugs for diabetes management, and the use of online and telemedicine services. Further, it addressed legal and organizational issues that concern GPs, and included a workshop on enhancing communication skills (<u>https://www.med.unic.ac.cy/2023/06/01/the-1st-primary-care-</u> <u>conference-highlighted-the-need-for-better-communication-among-pds/#</u>).

Further, the Department's faculty and students of the School participate in health promotion activities delivered by the Mobile Clinic, which include falls prevention workshops with the elderly and health promotion educational sessions. From October 2022 until present, the



Mobile Clinic traversed 11 destinations, reaching out to communities in various villages across four districts of Cyprus. Among the villages to benefit from the Mobile Clinic's presence were Farmakas, Lythrodontas, Deryneia, Koilani, Kouklia, Pedoulas, and Episkopi. On 27 May 2023, the Mobile clinic in collaboration with Cy Checkpoint and the AIDS Solidarity Movement participated in the Cyprus Pride festival, whereby student volunteers with prior training in sexual health history-taking conducted HIV and Syphilis rapid tests. This initiative played a crucial role in promoting awareness, prevention, and the early detection of STDs.

The Department continues to be a member of the Association of Schools of Public Health in the European Region (ASPHER) and the World Organization of National Colleges, Academies and Academic Associations of General Practitioners/Family Physicians (WONCA) and closely collaborates with the Royal College of General Practitioners (RCGP) UK, to ensure that its programmes provide the relevant knowledge, skills, experience and competencies to professionals to adequately address population needs.

Further evidence of ensuring our programmes are oriented to the real needs of the population, includes our accreditation by the RCGP to deliver their MRCGP[INT] examinations. This enables eligible MSc Family Medicine students to obtain international membership and join more than 54,000 GPs worldwide, facilitating sharing of knowledge and best practices. As members, access is provided to valuable opportunities and resources for an accurate and informed picture of the general practice landscape within populations, to achieve and maintain the highest standards in patient care. The upcoming RCGP re-accreditation of these examinations, in September 2023, will provide us with further opportunities to enhance Family Medicine education.

As mentioned above, faculty from the Department actively contribute towards health promotion initiatives, and serve in important roles through their active contributions to various governmental and non-governmental organisations and consultation committees for health promotion. For example, the Medical School's Associate Dean for Research has been recently appointed as the national delegate for Cyprus of the International Primary Care Respiratory Group (which undertakes research and education programmes) and the Associate Head of the Department serves as a member of the National Centre for Clinical Evidence which focuses on the implementation of Evidence Based Medicine under the Cyprus National Health Care System (GESY). These roles provide them invaluable insights into health promotion and disease prevention, the patient perspective and the workings of our national healthcare system enabling them to positively impact the delivery of teaching and the overall development of our programmes. Similarly we involve external stakeholders in our activities to ensure that we remain connected to society, such as the patient representative that has been added to the membership of the Research Committee and the patient representative that is an active member of the School's International Advisory Board. Indeed, we have added an agenda item for the next meeting of the IAB, taking place in Fall 2023. This is to approve the creation of a working group of the IAB that will identify areas across all aspects of our work -



teaching, research and social contribution – where we can enhance patient/ public involvement and remain oriented towards societal needs.

4. Enrich the way students are assessed with skills tests, problem based/ case study exams and simulations and not just short answer and multiple choice questions.

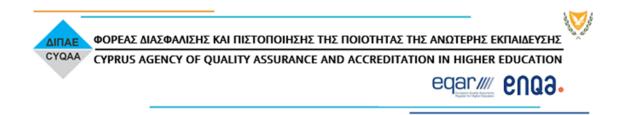
UNIC response: We acknowledge the importance of authenticity in assessment design and using a variety of assessment activities to further develop students' applied skills and knowledge as well as critical thinking.

Our Master of Public Health (MPH) programme includes critical evaluation assessments through case study and problem solving exercises embedded in its weekly interactive activities. For example, students are required to evaluate the processes used for monitoring the quality of healthcare services of their own healthcare jurisdiction, critically evaluate a published cost-utility analysis, and prepare a statistical analysis of a real study dataset to answer specific research questions. Furthermore, students are asked to orally present their work and discuss their assignments, for example, by preparing and presenting an assignment on the critical evaluation of a published article in the field of Epidemiology and Public Health (MPH 511). Another example of a skills based assessment is that all students enrolled in the MPH programme have to prepare a Research Proposal on a Public Health topic of their choice, akin to a grant application to a funding body. This allows students to apply the knowledge that they have gained to prepare an authentic public health product, an important skill for their future careers.

As part of our MSc in Family Medicine Programme (MSc FM), and as noted in our recent response letter for the programme (dated February 2023), in addition to the Applied Knowledge Test (AKT) pillar which comprises multiple choice questions, students are exposed to a number of different assessment methods. There is a distinct assessment pillar devoted to skills testing - Workplace Based Assessments - that comprises an audit, Consultation Observation Tools, Case-based Discussions, and Clinical Examination and Procedural Skills (CEPS). This pillar also requires students to demonstrate Basic Life Support skills. Students need to demonstrate that they have completed all of their WPBAs before being able to participate in the written exam. In relation to the CEPS, students are able to demonstrate skills using simulation.

5. Enhance research based on internationally recognised criteria (e.g. Research Excellence Framework).

UNIC response: Research is actively supported at the University and School level and research projects are encouraged between more than one Research Priority Area and across Departments. As noted in our previous response regarding the MSc in Family Medicine programme (dated February 2023), the Department of Primary Care and Population Health



maintains a comprehensive Research Strategy which forms part of the wider Medical School Research Strategy. The Department's Strategy was devised following a wide-ranging evaluation of research interests, strengths and synergies akin to the UK's Research Excellence Framework and defines intra- and inter-departmental opportunities, as well as collaboration opportunities outside of the School.

The department's research team's mission for the years 2022-2024 comprises primary and secondary aspects, specifically;

Primary mission:

- to conduct specific research projects within primary care and population health areas, in line with the department mission, the faculty members' interest and the needs of the local and global community.
- to build sustainable research infrastructure (tools' validation, biobank data, establishment of longitudinal studies such as a birth cohort, cohort of specific groups of patients, etc).
- to promote research culture among the school community (curricular and extra-curricular activities; faculty members, clinicians, students, etc).
- to promote public health within the local and national communities (outreach, corporate responsibility and visibility).
- to contribute to evidence-based medicine, through assessing evidence related to specific interventions and diseases (systematic reviews, meta-analyses, etc).

Secondary mission:

- to offer services and support research needs of other departments within the Medical school and affiliated Departments (i.e. School of Life Sciences etc.) and external stakeholders (industry, community, local and public authorities).
- to increase translational potential of other departments' activities into public health concepts and research.

In support of its mission, the strategy consists of main goals for the department followed by specific quality indicators with progress measured by KPIs and designated timelines. The main goals of the department's Research Strategy are as follows:

- 1. Research culture Create a collaborative culture for research
- 2. International and national span Promote research through education programs and research projects with national and international aspects.
- 3. Research facilities Evaluate and improve the research infrastructure on the basis of innovative programs and best practice models.
- 4. Research evaluation, accreditation and ranking Build a unified, coherent and transparent research evaluation system
- 5. Offer attractive and progressive scientific careers; optimize the system to foster research in the University of Nicosia.
- 6. Funding Collect necessary funds for research



- 7. Improve the visibility of research in the institution
- 8. Establish a system for regular research productivity based on student involvement
- 9. Foster innovation and novelty.

Within the context of the Research Strategy framework, the funding bodies targeted for an array of research activities include those within the Medical School (i.e., the Medical School Seed Fund Grant), at the national level (i.e., the Cyprus Research and Innovation Foundation Excellence Grants), and regional level (i.e., European Commission Horizons 2021-2027 Grants). Detailed descriptions of all funded projects and publications related to departmental faculty can be found at the UNIC Research Portal (https://pure.unic.ac.cy/) and the Medical School website (https://www.med.unic.ac.cy/research-mission-vision-and-values/research-projects-and-cost-actions/). The results of faculty's research are published in high-calibre peer-reviewed Scopus indexed journals, chapters in books, and conference proceedings. The faculty also participate in COST actions and Erasmus exchange visits. Examples of recent research publications for the department are included as Appendix 2 on page 20.



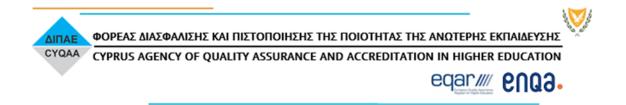
C. Other institutional action taken towards the implementation of ESG aiming at the improvement of the institution / department / programme of study.

Following the report of the External Evaluation Committee (EEC) and our response on December 7, 2022, we are pleased to confirm that all of the recommendations of the committee are being implemented, as evidenced in section B, above.

In relation to the Department of Primary Care and Population Health, recent examples of actions taken as part of our continuous efforts to enhance our provision include:

- The MSc in Family Medicine (ref no. 07.14.336.127) and the Master of Public Health (ref. no 07.14.336.026.001) programmes of the Department have been successfully evaluated by CYQAA, with positive observations by the external evaluators. In line with the <u>School's</u> <u>Quality Framework</u>, changes to the programmes following our internal processes and the recommendations of the EEC regarding academic content, delivery and assessment of courses, have already been incorporated into the programmes and will be monitored during the upcoming 2023-2024 academic year.
- We have developed a graduate survey for all of our programmes, to enhance communication with our graduates, elicit their views on the programme that they studied and receive feedback on their career trajectory, as well as how the programme has impacted their professional lives. (Area 1.1 Mission and strategic planning, ESG 1.7)

We wish to thank the EEC and the Agency for the opportunity to provide an update on recent developments within the Department.



D. Signatures of the Internal Quality Assurance Committee

Name	Signature
Dr Elena Critselis	
Professor George Samoutis	
Professor Joseph Joseph	
Dr Christiana Demetriou	
Dr Dionysis Vaidakis	
Ms Jill Griffiths	
Ms Daphne Nicolaou	

Date: 24 August 2023



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Appendix 1 – Department Faculty

Teaching Staff per Programme of Study and Teaching Staff's Weekly Programme

Note: Tables below provide an overview of teaching hours per programme for the whole academic year (2022-23). Teaching periods have been rounded to half- and whole-integers.

Full time faculty

	Name and Surname	Qualifications	Rank*	FT/PT**	Programme of study	Periods / week	Total periods /week
	1. Dr Elena Critselis	PhD Epidemiology-Nutrition MPH (Chronic Disease Epidemiology & Global Health) BSc Nutritional Sciences			MSc in Family Medicine	1	
4			Assoc. P	FT	Master of Public Health	3	6
1.			ASSOC. P		MSc in Health Services Administration	1	б
					Doctor of Medicine (MD)	1	
		PhD Family Medicine PGCert Healthcare and Biomedical Education Specialisation in General Practice and Family Medicine Medical Degree (MD)	Ρ	FT	MSc in Family Medicine	0.5	
					Master of Public Health	<0.5	<31
2.	Prof George Samoutis				MSc in Health Services Administration	<0.5	
					Graduate-Entry Doctor of Medicine (GEMD)	0 ¹	
					Doctor of Medicine (MD)	< 0.5 ¹	
					Bachelor of Medicine, Bachelor of Surgery (MBBS)	1 ¹	
		Masters in Echocardiography MRCGP Medicine, MBBS BSc Physiology	Assis. P	FT	MSc in Family Medicine	1	1 ¹
3.	Dr Anastasis Sioftanos				Graduate-Entry Doctor of Medicine (GEMD)	0 ¹	
					Doctor of Medicine (MD)	0 ¹	
		PhD Translational Biomedicine MSc Sanitary Biology BSc Biological Sciences	Assis. P	FT	Master of Public Health (MPH)	0.5	<3
4.	Dr Annalisa Quattrocchi				Graduate-Entry Doctor of Medicine (GEMD)	<0.5	
					Doctor of Medicine (MD)	2	
_	Dr Ohristiana Damat i	PhD Clinical Medicine Research			MSc in Family Medicine	<0.5	
5.	Dr Christiana Demetriou	Master of Public Health (MPH)	Assis. P	FT	Master of Public Health	2	<4.5

		BSc Biological Sciences (concentration in Human Biology)			MSc in Health Services Administration	<0.5	
		in Fiuman Biology)			Graduate-Entry Doctor of Medicine (GEMD)	0.5	
					Bachelor of Medicine, Bachelor of Surgery (MBBS)	0.5	
					PhD in Medical Sciences	<0.5	
		PG Dip Practical Dermatology			MSc in Family Medicine	<0.5	
	PG Dip Obstetrics and Gynaecology			Graduate-Entry Doctor of Medicine (GEMD)	0 ¹	0 =1	
6.	Dr Christos Michael	hristos Michael MRCGP Medical Degree, MBBS BSc Immunology & Cell Pathology	Assis. P	FT	Doctor of Medicine (MD)	01	< 0.5 ¹
					Bachelor of Medicine, Bachelor of Surgery (MBBS)	0 ¹	
7.	Mr Christos Stylianides	Doctor of Dental Surgery (DDS)	NR	FT	Master of Public Health	<0.5	<0.5
		PhD Biomedical Sciences	Post- Doctoral		Graduate-Entry Doctor of Medicine (GEMD)	1.5	
8.	Dr Chryso Th. Pallari	BSc Biological Sciences	Research Fellow	FT	Doctor of Medicine (MD)	<0.5	<2
		PhD Epidemiology MSc Epidemiology MSc Environmental Health Medical Degree, MD	Assoc. P	FT	MSc in Family Medicine	1	<2
9.	Dr Despo lerodiakonou				Graduate-Entry Doctor of Medicine (GEMD)	<0.5	
					Doctor of Medicine (MD)	0.5	
		PhD Faculty of Medicine			MSc in Family Medicine	<0.5	- - <5.5 ¹
10.			Assis. P	P FT	Graduate-Entry Doctor of Medicine (GEMD)	1	
10.		Master of Public Health (MPH) Medical Degree, MD			Doctor of Medicine (MD)	3 ¹	
					Bachelor of Medicine, Bachelor of Surgery (MBBS)	1 ¹	
		PG Dip Faculty Sexual & Reproductive			MSc in Family Medicine	0.5	
		Health PG Dip Practical Dermatology	Assis. P		Doctor of Medicine (MD)	0 ¹	- 0.5 ¹
11.	Dr Emanuella Georgiou	MRCGP Medical Degree, MBBS		FT	Graduate-Entry Doctor of Medicine (GEMD)	0 ¹	
		BSc Pharmacology			Bachelor of Medicine, Bachelor of Surgery (MBBS)	0 ¹	
10	Prof Evagoras Nicolaides	MA Medical Sciences MBBCh BAO	Р	FT	Doctor of Medicine (MD)	0.5	-1
12.	FIULEVAGULAS INICULAIDES	BSc Physiology	F	ГІ	Bachelor of Medicine, Bachelor of Surgery (MBBS)	<0.5	<1

13.	Dr Evie Vassiliou	PGCert Healthcare & Biomedical Education Diploma in Mastology MSc Hospital Management & Healthcare Leadership Medical Degree, MB, BCh	Assis. P	FT	Doctor of Medicine (MD)	1.5	1.5	
	MSc Health Unit Management Advanced Certificate in Aviation	PhD candidate MSc Health Unit Management			MSc in Family Medicine	n/a²		
		Advanced Certificate in Aviation		FT	Graduate-Entry Doctor of Medicine (GEMD)	< 0.51		
14.			Assis. P		Doctor of Medicine (MD)	2.5 ¹	<3 ¹	
				Bachelor of Medicine, Bachelor of Surgery (MBBS)	0 ¹			
15.	Prof Kevork Hopayian	PgCert in Medical Education MD (Doctorate) Medical Degree, MBBS BSc Medical Sociology	Р	FT	MSc in Family Medicine	3	3	
		Medical Degree (MD)	Assis. P	FT	MSc in Family Medicine	2		
16.	Dr María Cecilia Mosquera ³				Graduate-Entry Doctor of Medicine (GEMD)	1	<4	
					Doctor of Medicine (MD)	0.5		
17.	Dr Raoul Hecker	Dr Raoul Hecker Master of Public Health (MPH) Magister Legum Finance (LL.M.) Master of Business Administration (MBA) Doktor der Medizin (Dr. Med.) Medical Degree, MD	Assoc. P	FT	Bachelor of Medicine, Bachelor of Surgery (MBBS) Master of Public Health (MPH)	<0.5	3	
					MSc in Health Services Administration	1.5		
		MRCGP			MSc in Family Medicine	0.5		
18.	Dr Sotiris Demosthenous	Medical Degree, MBBS	Assis. P	FT	Graduate-Entry Doctor of Medicine (GEMD)	1	4.5	
		BSc Biology			Doctor of Medicine (MD)	3		
					MSc in Family Medicine	n/a²	<4	
19.	Dr Souzana Achilleos	ScD Environmental Health MSc Environmental Health	Assis, P	FT	Master of Public Health (MPH)	1.5		
19.	Di Gouzana Achineos	BSc Chemistry	73313. F		Doctor of Medicine (MD)	1.5	<4	
					Graduate-Entry Doctor of Medicine (GEMD)	<0.5		

Bachelor of Medicine, Bachelor of Surgery (MBBS) 0.5
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* Rank: Professor (P), Associate Professor (Assoc. P), Assistant Professor (Assis. P), Lecturer (L), Special Teaching Staff (STS), Visiting Professor (Vis. P), Special Scientist (SS), Lab Assistant (LA), Not Ranked (NR)

** Full Time (FT), Part Time (PT)

¹ Clinical teaching/ supervisory role

² Administrative role e.g. assessments

³ Contract ended 31/07/2023

Part time / Adjunct faculty

	Name and Surname	Qualifications	Rank*	FT/PT**	Programme of study	Periods / week	Total periods /week
1.	Dr Angeliki Lambrou	ScD Environmental Health and Epidemiology MSc Public Health BSc Nursing	NR	PT	Master of Public Health	1	1
2.	Dr Anne Merewood	PhD, School of Medicine Master of Public Health MA English Literature BSc English Literature	Vis. Assoc. P	PT	Master of Public Health	<0.5	<0.5
3.	Dr Brian Downer	PhD Gerontology BSc Psychology	NR	PT	Master of Public Health	1	1
4.	Dr Christos Varounis	PhD, Medicine Executive MSc in Health Economics, Outcomes & Management in CV Sciences MBA, Master in Business Administration MSc Health Sciences, spec. Clinical Epidemiology MSc Biostatistics Medical Degree, MD	Assis. P	PT	Master of Public Health	0.5	0.5
5.	Sir David Haslam	FRCGP Doctor of Science Medical Degree, MBChB	Р	PT	-	0	0
6.	Prof Eleni Palazidou	PhD Psychiatry Medical Degree, MD	Р	PT	MSc in Family Medicine	1	1

7.	Dr Howard Michael Freeman	MA Medicine, MBBS BA Pathology & Zoology	NR	PT	MSc in Family Medicine	0.5	0.5
		MSc in FM Pg Dip in General Practice			MSc in Family Medicine	1.5	
8.	Dr Irene Cotter	DCH (Dipl. In Child Health), DRCOG (Dipl. in Obstetrics)	NR	PT	Doctor of Medicine (MD)	1.5	5 ¹
		CFP (Cert. in Family Planning) Medicine MB BCh, BAO (Honours)		Bachelor of Medicine, Bachelor of Surgery (MBBS)	2 ¹		
9.	Prof Kyriakos S. Markides	PhD Sociology MA Sociology BA Sociology	Р	PT	Master of Public Health	0.5	0.5
	10. Dr Leda Theophilou	MA Medical Education	Assoc. P	PT	MSc in Family Medicine	1	<2
10.					Doctor of Medicine (MD)	<0.5	
					Bachelor of Medicine, Bachelor of Surgery (MBBS)	<0.5	
11.	Dr Mary Chorbadjian	Diploma in Practical Dermatology (DPD) MBChB	NR	PT	MSc in Family Medicine	<0.5	<0.5
	Dr Neophytos Stylianou	PhD Health Service Research/Epidemiology/Public Health MPH BSc Biomedical Sciences	NR	РТ	MSc in Family Medicine	<0.5	<1.5
12.					Master of Public Health	0.5	
					MSc in Health Services Administration	<0.5	
13.	Dr Premila Webster	DPhil Pg Dip in Learning & Teaching in Higher Education MSc Public Health Medicine MBBS	NR	PT	Master of Public Health	1.5	1.5
14	Dr. Bonos Avroom	MRCGP Diploma in Obstetrics and	Accio D	PT	Doctor of Medicine (MD)	0 ¹	< 0.5 ¹
14	Dr Renos Avraam	os Avraam Gynaecology Medical Degree, MBBS BSc Sports and Exercise Medicine	Assis. P		Bachelor of Medicine, Bachelor of Surgery (MBBS)	<0.5 ¹	<0.0

15.	Dr Maria Pateraki	PhD Strategic Innovation & Knowledge Management MBA, Master in Business Administration BSc Shipping	NR	PT	MSc in Health Services Administration	0.5	0.5
16.	Dr Andriana Danti	PhD Management MA Management	Assis. P	FT	MSc in Health Services Administration	1.5	6
10.	Dr Andriana Rapti	BSc Political Science	ASSIS. P	FI	Master in Business Administration	4.5	0
47	De Oha ei Maertaa	PhD Finance		DT	MSc in Health Services Administration	1	0.5
17.	Dr Chrysi Memtsa	MSc Business Finance BSc Economics	L	PT	Master in Business Administration	7.5	8.5
18.	Dr Christina Orphanidou	DPhil (PhD), Dept. Mathematics and Engineering Science MSc Mathematical Modelling and Scientific Computing Meng Civil and Environmental Engineering	NR	PT	MSc in Health Services Administration	0.5	0.5
19.	Prof Niki Panteli	PhD Industrial and Business Studies DMS Diploma in Management Studies BBA Bachelor of Business Administration	Ρ	PT	MSc in Health Services Administration	1.5	1.5
		PhD Organizational Learning and Knowledge Management Master in Business Administration			MSc in Health Services Administration	1	
20.	Dr Paraskevi Dekoulou	(MBA) MSc Media Management Bachelor in Journalism and Mass Media Communication	L	PT	Master in Business Administration	7.5	8.5
21.	Prof Pascale Salameh	Prof Pascale Salameh PhD Toxicoepidemiology MPH PharmD	Р	PT	Master of Public Health	n/a²	0 ²

* Rank: Professor (P), Associate Professor (Assoc. P), Assistant Professor (Assis. P), Lecturer (L), Special Teaching Staff (STS), Visiting Professor (Vis. P), Special Scientist (SS), Lab Assistant (LA), Not Ranked (NR)

** Full Time (FT), Part Time (PT)

¹ Clinical teaching/ supervisory role

² Administrative role e.g. assessment

Appendix 2 – Publications 2020-2023

Selected list of publications (2020-2023) of PCPH faculty according to thematic area of the PCPH Research Strategy.

(*Publications are listed in reverse chronological order. PCPH faculty members are highlighted in bold)

Thematic Area I: Chronic Disease Epidemiology Thematic Area II: Infectious Disease Epidemiology Thematic Area III: Clinical and Primary Care Research Thematic Area IV: Environmental Health Thematic Area V: Biostatistics and Research Methodology Thematic Area VI: Public Health Policy

Thematic Area I: Chronic Disease Epidemiology

- Ayoub D., Al-Hajje A., Salameh P., Jost J., Hmaimess G., Nasreddine W., Jaafar F., Wazne J., Bitar R., Sabbagh S., Boumediene F., Beydoun A. Early predictors of remission in children and adolescents with new-onset epilepsy: A prospective study. Seizure. 2023 Jun 10;110:69-77. doi: 10.1016/j.seizure.2023.06.007. Online ahead of print.
- 2. Rizk R., Haddad C., Sacre H., Malaeb D., Wachten H., Strahler J., **Salameh P.** Assessing the relationship between food insecurity and lifestyle behaviors among university students: a comparative study between Lebanon and Germany. BMC Public Health. 2023 May 3;23(1):807. doi: 10.1186/s12889-023-15694-9.
- Zakhour, M., Haddad, C., Salameh, P., Al Hanna, L., Sacre, H., Hallit, R., Soufia, M., Obeid, S., & Hallit, S. (2023). Association Between Parental Divorce and Anger, Aggression, and Hostility in Adolescents: Results of a National Lebanese Study. Journal of Family Issues, 44(3), 587–609. <u>https://doi.org/10.1177/0192513X211054468</u>
- Abi Doumit C., Malaeb D., Akel M., Salameh P., Obeid S., Hallit S. Association between Personality Traits and Phubbing: The Co-Moderating Roles of Boredom and Loneliness. Healthcare (Basel). 2023 Mar 22;11(6):915. doi: 10.3390/healthcare11060915.
- Maalouf, E., Hallit, S., Salameh, P., Hosseini, H. Impact of Preexisting Alcohol Use Disorder, Bipolar Disorder, and Schizophrenia on Ischemic Stroke Risk and Severity: A Lebanese Case-Control Study. Healthcare (Basel). 2023 Feb 11;11(4):538. doi: 10.3390/healthcare11040538.
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- 7. Maalouf, E., Hallit, S., **Salameh, P.,** Hosseini, H. Eating Behaviors, Lifestyle, and Ischemic Stroke: A Lebanese Case-Control Study. Int J Environ Res Public Health . 2023 Jan 13;20(2):1487. doi: 10.3390/ijerph20021487.
- 8. Scarpone R., Kimkool P., **lerodiakonou D.,** Leonardi-Bee J., Garcia-Larsen V., Perkin M.R., Boyle R.J. Timing of Allergenic Food Introduction and Risk of Immunoglobulin E-Mediated Food Allergy: A Systematic Review and Meta-analysis. JAMA Pediatr. 2023 May 1;177(5):489-497. doi: 10.1001/jamapediatrics.2023.0142.
- Critselis E., Tsiampalis T., Damigou E., Georgousopoulou E., Barkas F., Chrysohoou C., Skoumas J., Pitsavos C., Liberopoulos E., Tsioufis C., Sfikakis P.P., Panagiotakos D. High fish intake rich in n-3 polyunsaturated fatty acids reduces cardiovascular disease incidence in healthy adults: The ATTICA cohort study (2002-2022). Front Physiol. 2023 Mar 28;14:1158140. doi: 10.3389/fphys.2023.1158140.
- Critselis E., Panagiotakos D. Impact of Electronic Cigarette use on Cardiovascular Health: Current Evidence, Causal Pathways, and Public Health Implications. Angiology. 2023 Mar 13;33197231161905. doi: 10.1177/00033197231161905
- 11. Heath AK, Muller DC, van den Brandt PA, Critselis E, Gunter M, Vineis P, Weiderpass E, Boeing H, Ferrari P, Merritt MA, Rostgaard-Hansen AL, Tjønneland A, Overvad K, Katzke V, Srour B, Masala G, Sacerdote C, Ricceri F, Pasanisi F, Bueno-de-Mesquita B, Downward GS, Skeie G, Sandanger TM, Crous-Bou M, Rodríguez-Barranco M, Amiano P, Huerta JM, Ardanaz E, Drake I, Johansson M, Johansson I, Key T, Papadimitriou N, Riboli E, Tzoulaki I, Tsilidis KK. Diet-wide association study of 92 foods and nutrients and lung cancer risk in the

European Prospective Investigation into Cancer and Nutrition study and the Netherlands Cohort Study. Int J Cancer. 2022 Dec 1;151(11):1935-1946. doi: 10.1002/ijc.34211.

- 12. Quattrocchi A, Kolokotroni O, Demetriou CA, Mosquera MC, Charalambous A, Heraclides A. Social inequality in obesity in an Eastern Mediterranean population: evidence from a national health survey in Cyprus. Ann Ig. 2022 Jul-Aug;34(4):293-317. doi: 10.7416/ai.2021.2483.
- 13. Papadimitriou N, Bouras E, van den Brandt PA, Muller DC, Papadopoulou A, Heath AK, Critselis E, Gunter MJ, Vineis P, Ferrari P, Weiderpass E, Boeing H, Bastide N, Merritt MA, Lopez DS, Bergmann MM, Perez-Cornago A, Schulze M, Skeie G, Srour B, Eriksen AK, Boden S, Johansson I, Nøst TH, Lukic M, Ricceri F, Ericson U, Huerta JM, Dahm CC, Agnoli C, Amiano PE, Tjønneland A, Gurrea AB, Bueno-de-Mesquita B, Ardanaz E, Berntsson J, Sánchez MJ, Tumino R, Panico S, Katzke V, Jakszyn P, Masala G, Derksen JWG, Quirós JR, Severi G, Cross AJ, Riboli E, Tzoulaki I, Tsilidis KK. A Prospective Diet-Wide Association Study for Risk of Colorectal Cancer in EPIC. Clin Gastroenterol Hepatol. 2022 Apr;20(4):864-873.e13. doi: 10.1016/j.cgh.2021.04.028.
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- 17. Baseggio Conrado A, **lerodiakonou D**, Gowland MH, Boyle RJ, Turner PJ. Food anaphylaxis in the United Kingdom: analysis of national data, 1998-2018. BMJ. 2021 Feb 17;372:n251. doi: 10.1136/bmj.n251.
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- 19. Harskamp-van Ginkel MW, **lerodiakonou D**, Margetaki K, Vafeiadi M, Karachaliou M, Kogevinas M, Vrijkotte TGM, Chatzi L. <u>Gestational sleep deprivation is associated with higher offspring body mass index and blood pressure</u>. Sleep. 2020 Dec 14;43(12):zsaa110. doi: 10.1093/sleep/zsaa110.
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- 28. Heath AK, Muller DC, van den Brandt PA, Papadimitriou N, Critselis E, Gunter M, Vineis P, Weiderpass E, Fagherazzi G, Boeing H, Ferrari P, Olsen A, Tjønneland A, Arveux P, Boutron-Ruault MC, Mancini FR, Kühn T, Turzanski-Fortner R, Schulze MB, Karakatsani A, Thriskos P, Trichopoulou A, Masala G, Contiero P, Ricceri F, Panico S, Bueno-de-Mesquita B, Bakker MF, van Gils CH, Olsen KS, Skeie G, Lasheras C, Agudo A, Rodríguez-Barranco M, Sánchez MJ, Amiano P, Chirlaque MD, Barricarte A, Drake I, Ericson U, Johansson I, Winkvist A, Key T, Freisling H, His M, Huybrechts I, Christakoudi S, Ellingjord-Dale M, Riboli E, Tsilidis KK, Tzoulaki I. <u>Nutrient-wide association study of 92 foods and nutrients and breast cancer risk.</u> Breast Cancer Res. 2020 Jan 13;22(1):5. doi: 10.1186/s13058-019-1244-7.
- 29. **Critselis E**, Panagiotakos D. <u>Adherence to the Mediterranean diet and healthy ageing: Current evidence, biological pathways, and future directions.</u> Crit Rev Food Sci Nutr. 2020;60(13):2148-2157. doi: 10.1080/10408398.2019.1631752.

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- 32. Conway, R., Nikiphorou, E., Demetriou, C.A., Low, C., Leamy, K., Ryan, J.G., Kavanagh, R., Fraser, A.D., Carey, J.J., O'Connell, P., Flood, R.M., Mullan, R.H., Kane, D.J., Stafford, F., Robinson, P.C., Liew, J.W., Grainger, R., McCarthy, G.M. . Outcomes of COVID-19 in people with rheumatic and musculoskeletal disease in Ireland over the first 2 years of the pandemic. Ir J Med Sci. 2023 Jan 9;1-6. doi: 10.1007/s11845-022-03265-7.
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- 37. Achilleos S, Quattrocchi A, Gabel J, Heraclides A, Kolokotroni O, Constantinou C, Pagola Ugarte M, Nicolaou N, Rodriguez-Llanes JM, Bennett CM, Bogatyreva E, Schernhammer E, Zimmermann C, Costa AJL, Lobato JCP,

Fernandes NM, Semedo-Aguiar AP, Jaramillo Ramirez GI, Martin Garzon OD, Mortensen LH, Critchley JA, Goldsmith LP, Denissov G, Rüütel K, Le Meur N, Kandelaki L, Tsiklauri S, O'Donnell J, Oza A, Kaufman Z, Zucker I, Ambrosio G, Stracci F, Hagen TP, Erzen I, Klepac P, Arcos González P, Fernández Camporro Á, Burström B, Pidmurniak N, Verstiuk O, Huang Q, Mehta NK, Polemitis A, Charalambous A, **Demetriou CA.** Excess all-cause mortality and COVID-19-related mortality: a temporal analysis in 22 countries, from January until August 2020. Int J Epidemiol. 2022 Feb 18;51(1):35-53. doi: 10.1093/ije/dyab123.

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Thematic Area III: Clinical and Primary Care Research

- 40. Christodoulou, C.C., **Demetriou, C.A.,** Philippou, E., Papanicolaou, E.Z. Investigating the Dietary Intake Using the CyFFQ Semi-Quantitative Food Frequency Questionnaire in Cypriot Huntington's Disease Patients. Nutrients. 2023 Feb 23;15(5):1136. doi: 10.3390/nu15051136.
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