


Annex no 1 to the Rules for submitting research topics for admission to the Doctoral School of Medical and Health Sciences programmes for the academic year 2023/2024

Research topic submission form for the doctoral programme	
Doctoral programme <i>Please indicate</i>	<input type="checkbox"/> in the discipline of medical sciences, 8-semester <input type="checkbox"/> in the discipline of pharmacology and pharmacy, 8-semester <input type="checkbox"/> in the discipline of health sciences, 8-semester <input checked="" type="checkbox"/> interdisciplinary, 6-semester, taught in English
Discipline <i>Please indicate</i>	<input type="checkbox"/> medical sciences <input type="checkbox"/> pharmacology and pharmacy <input checked="" type="checkbox"/> health sciences
Submitter - a person willing to act as a supervisor	
Title/degree Full Name	Dr hab. Magdalena Kozela
Category <i>please select the relevant category according to the DSMHS Regulations</i>	<input checked="" type="checkbox"/> JU Medical College employees with a professor or post-doctoral habilitation degree who have declared that their academic achievements correspond at least in 75% with the doctoral programme discipline in which the topic is submitted <input type="checkbox"/> persons with a professor or post-doctoral habilitation degree who do not fulfil the conditions specified in the previous point but who are employed in a university or academic institution in Poland, and who have declared to assign at least 25% of their academic achievements to the discipline relevant for the doctoral programme, and who will present the consent of the person fulfilling the criteria specified in section 1a to act as an auxiliary supervisor, with a positive opinion from the Doctoral School Board according to DSMHS Regulations <input type="checkbox"/> persons who do not meet the conditions specified in section 1 and who are employees of a foreign university or research institution, given the respective research discipline board recognises their significant achievements in the academic field to which the PhD dissertation refers
Date of obtaining a) doctoral degree	May, 8 2013
b) post-doctoral habilitation degree	October, 27 2021
c) professor degree	-
Place of employment	Department of Epidemiology and Population Studies Institute of Public Health Faculty of Health Sciences JUMC
Email address	m.kozela@uj.edu.pl
Contact phone	+48 602827620
Academic achievements List of max. five publications from the last three calendar years	<ul style="list-style-type: none"> ▫ Kozela M, Pająk A, Szafraniec K, et al. ATHLOS Healthy Aging Scale score as the predictor of all-cause mortality in Poland and Czechia. <i>Front Public Health</i>. 2023;11:1114497. ▫ Kozela M, Polak M, Stepaniak U, Bobak M, Pająk A. Changes in Socioeconomic Status as Predictors of Cardiovascular Disease Incidence and Mortality: A 10-Year Follow-Up of a Polish-Population-Based HAPIEE Cohort. <i>Int J Environ Res Public Health</i>. 2022;19(22):15411. ▫ Stepaniak U, Polak M, Stefler D, Kozela M. et al. Relationship between Dietary Macronutrients Intake and the ATHLOS Healthy

	<p>Ageing Scale: Results from the Polish Arm of the HAPIEE Study. <i>Nutrients</i>. 2022;14(12):2454.</p> <ul style="list-style-type: none"> ▫ Nie Y, Richards M, Kubinova R, (...) Kozela M. et al. Social networks and cognitive function in older adults: findings from the HAPIEE study. <i>BMC Geriatr</i>. 2021;21(1):570.
Impact Factor summary	120.131
Web of Science Core Collection index	379 (366 Without self-citations)
Hirsch index	13
Number of promoted doctoral degree holders	0
Number of promoted MA degree holders	8
Proposed research topic	The obesity epidemic - psychosocial determinants of the occurrence and treatment effectiveness
Please provide reasons for the topic-discipline compliance (max. 100 words)	<p>Prevention based on reducing exposure to risk factors is the most effective method of reducing the incidence and, consequently, mortality due to non-communicable diseases. Obesity, being one of the chronic diseases, is also a strong risk factor for the development of the main threats to the life of the population (cardiovascular disease, cancer). Wide promotion of lifestyle interventions and access to treatment of obesity did not contribute to the reduction of the occurrence of this risk factor in the population. Observed trends indicate even increasing exposure.</p>
Brief description of research methods (max. 250 words)	<p>Recognition of the barriers that hinder inhibition of the growing problem of obesity seems important. Quantifying the importance of psychosocial determinants of the occurrence and treatment of obesity remain an interesting and not sufficiently researched area.</p> <p>The proposed research methodology includes quantitative methods; mainly assumes working with data: creating data sets, statistical data analysis and preparing scientific papers on:</p> <ul style="list-style-type: none"> -psychosocial determinants of excess body weight -conditions and effectiveness of obesity treatment in primary health care and as part of comprehensive specialist care for patients with morbid obesity <p>The PhD student will be involved in conducting a cross-sectional population study. The basic research method is an interview conducted on the basis of a standard questionnaire, which can be extended with basic anthropometric measurements and blood pressure testing.</p>
Expected place for the project implementation	Institute of Public Health
Tasks description for the PhD student	<ul style="list-style-type: none"> ▫ Active participation in research conducted at the Department of Epidemiology and Population Research in the scope of the research topic ▫ Literature review in the field of the indicated research topic ▫ Specification of detailed research goals and hypotheses ▫ Working with data available in the department as well as collecting own data ▫ Conducting statistical analyzes using adequate quantitative methods ▫ Presentation of results at conferences and other scientific meetings.

	<ul style="list-style-type: none"> ▫ Conducting activities popularizing science in the field of the research topic Preparation of scientific publications 	
Expectations towards the PhD student: specific skills and experience <i>(the description of expectations cannot indicate a particular candidate)</i>	<ul style="list-style-type: none"> ▫ Completed MSc in the field of health: public health, medical sciences, nursery, dietetics, psychology or related ▫ Ability to perform statistical analyzes in a package available for PhD students of the Jagiellonian University Medical College (R, SPSS, STATA, Statistica) and willingness to train in this area ▫ Knowledge of the English language enabling work with scientific publications in this language ▫ Interest in the control of non-communicable diseases risk factors on population level <p style="margin-left: 40px;">Experience in scientific research, good grade in epidemiology, independence and responsibility at work are welcome</p>	
Temporary availability of the PhD student (number of hours/weeks) necessary for the project implementation	20h/week	
Does the research project require PhD student's independent performance of medical procedures? <i>Underline the applicable</i>	NO	YES <i>explain briefly below why and what sort of professional licence is required</i>
Date 30.05.2023	 Submitter's signature	

** Following the admission conditions (Annex n^o 1 and 2 to Resolution no 6/II/2023 of the JU Senate of 22 February 2023), if the research topic requires the independent performance of medical procedures by a PhD student, the candidate must hold a professional licence, which should be proved and indicated (license to practise as a medical doctor/nurse/physiotherapist, etc.). In the DSMHS admission procedure, the license to practice as a medical doctor or dentist for the duration of the postgraduate internship will be treated as equivalent to the license to practice as a medical doctor or dentist in the Republic of Poland.

The submitted research topic must not duplicate thematically or conceptually with any current project prepared by a PhD student under the submitter's supervision.

The completed form must be printed, signed in appropriate places, scanned, and sent by electronic mail **by 30 April 2023 to:**

in the discipline of medical sciences: rekutacja.nmedyczne@cm-uj.krakow.pl

in the discipline of pharmacology and pharmacy: rekutacja.nfarmaceutyczne@cm-uj.krakow.pl

in the discipline of health sciences: rekutacja.nozdrowiu@cm-uj.krakow.pl

The email should include **the title of the proposed research topic.**