

<p align="center">PhD Programme in CAPACITIES BUILDING FOR GLOBAL HEALTH in collaboration with University of Salerno University of Ferrara University of Palermo</p>	
DISCIPLINARY SCIENTIFIC AREA	06 - MEDICAL SCIENCES; 03 – CHEMICAL SCIENCES; 11 - HISTORICAL, PHILOSOPHICAL, PEDAGOGICAL AND PSYCHOLOGICAL SCIENCES; 09 - INDUSTRIAL AND INFORMATION ENGINEERING; 05 – BIOLOGICAL SCIENCES
COORDINATOR	PROF. MAURO GIOVANNI CARTA
HEAD DEPARTMENT	DEPARTMENT OF MEDICAL SCIENCES AND PUBLIC HEALTH
DURATION	3 YEARS
LEARNING OUTCOMES AND RESEARCH TOPICS	<p>The PhD programme aims to train a health professional, capable of producing research, supporting the organization of services, conducting quality checks and disseminating skills according to the health needs of the community. It aims to create awareness and expertise on the interface between economy, society, environment and health and on the impact that inequalities and differences in access have on health. The path will therefore produce skills that are not only clinical but also technical and social. Fundamental themes are: a) health prevention/promotion from a global health perspective, i.e. skills in health promotion methodology, prevention and epidemiology but also on strategies for a one health approach that sees the health of human beings and the ecosystems that surround as interdependent. The human geo/demographic expansion produces a rapprochement of the different ecosystems with more and more frequent diseases that cause leaps of species; climate change also affects a greater transmission of vector-borne diseases. The One Health approach aims to offer skills that allow situations such as lifestyles, pandemics or resistance to antibiotics to be addressed in a strategic key to complex systems; b) Rehabilitation training which will refer to the WHO initiative “Rehabilitation 2030: A Call for Action”. Rehabilitation needs are increasing due to the rapid aging of the population resulting in the growth of physical and mental health problems. The demographic aging of rural areas has also increased the need in hard-to-reach areas. Therefore, a long-term action is required which prolongs the time of autonomy, improves the quality of life and participation in society. The expert will have to support the staff remotely; contribute to the response in health emergencies and to integrate rehabilitation programs with other networks. Closely linked to these objectives are also the fight against stigma, the introduction of elements on health communication that take into account the UN Convention on the Rights of Persons with Disabilities and the active role of the user citizen. These skills will interface specific modules relating to health information, health/health in the life cycle and active aging, also with reference to the promotion of healthy contexts; c) Another fundamental element will be (also in relation to the previous point) the acquisition of expertise regarding the technological support for proximity healthcare; d) Last but not least, the interface between health for all and precision medicine, with skills for managing the databases produced by precision medicine.</p> <p>The doctorate will build "tailor-made" paths for specific professions that integrate with the whole offer and are directed to the general objectives while enhancing the specific skills.</p>

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The doctorate responds to current needs and offers a path of potential interest for various professionals:

1) Professionals who manage health and/or rehabilitation facilities or who are involved in public and private prevention and health promotion agencies. These professionals can attend the doctorate to broaden their baggage. The new health needs expressed by a rapidly changing society in fact require the skills of new figures. One thinks of the new structures imposed on the healthcare organization in relation to the development of telemedicine, the new rehabilitation services, the one health approach, the need for continuous quality training courses, the intersectoral, interprofessional and participatory approach to health promotion.

2) Non-medical health professionals towards whom there is a strong demand in terms of skills as teaching staff in university courses of the health professions, and more generally, there is a need to create a scientific corpus and solid research in these areas. The university disciplinary sectors of reference for these professions (Med45, 46, 47, 48, 50) are currently, by far, the most uncovered of tenured professors in Italian universities, however,

	<p>there are no other doctorates in which the reference disciplines can be central. In the doctorate proposed by us, the disciplines of rehabilitation, prevention as well as technical disciplines would find the right substrate to be able to develop specific skills and research in the framework of an environment centered on innovation.</p> <p>3) International cooperation professionals. Our country has played a pivotal role in international cooperation since the 1980s both in non-military cooperation, think of the role of Italian NGOs in the peace process in Mozambique or in the peace and reconstruction process in Rwanda, and in the of military health cooperation, think of all the peace missions starting with the first mission in Lebanon in 1982-84 with the opening of a military hospital to the population of the Shiite part of Beirut. Few of these experiences have been documented as a measure of health effectiveness and impact on populations, although these are experiences cited in many international handbooks as models of excellence. Healthcare personnel working in cooperation missions could make use of doctoral training both to better document the healthcare results of the actions and to have a better impact on training programmes, including support for the construction/reconstruction in the universities of the places covered by the cooperation. In this perspective, the doctorate opens above all to strategic Mediterranean collaboration for the political guidelines of our Country.</p>
ELIGIBILITY AND OTHER REQUIREMENTS FOR CANDIDATES (ART. 2 - NOTICE OF COMPETITION)	EVERY ITALIAN 2ND CYCLE DEGREE (LAUREA MAGISTRALE/SPECIALISTICA/VECCHIO ORDINAMENTO) AND EQUIVALENT AND SUITABLE FOREIGN ACADEMIC DEGREES
ADMISSION TESTS	<p>ASSESSMENT OF QUALIFICATIONS AND CURRICULUM VITAE, AND VIDEOCONFERENCE INTERVIEW</p> <p>The interview will aim to ascertain the candidate's ability to orient on the main areas of study inherent in the doctorate and to verify his/her analytical, processing and communication skills.</p> <p>The interview will mainly focus on the presentation and discussion of the candidate's research project (to be written using the form available on the webpage https://unica.it/dottoraticerca - "Instructions for registration to the competition and forms - Annex C "), in order to assess the adequacy of the profile with regard to personal competence in the disciplinary field of the project, aptitude for scientific research and linguistic knowledge (English language).piry date (file name: research_project_surname_name).</p>
ADMISSION TESTS FOR FOREIGN CANDIDATES APPLYING FOR RESERVED POSITION SUPPORTED BY A SCHOLARSHIP	<p>ASSESSMENT OF QUALIFICATIONS AND CV, AND VIDEO CONFERENCE INTERVIEW</p> <p>The interview will mainly focus on the presentation and discussion of the candidate's research project (to be written using the form available on the webpage https://unica.it/dottoraticerca - "Instructions for registration to the competition and forms - Annex C "), in order to assess the adequacy of the profile with regard to personal competence in the disciplinary field of the project, aptitude for scientific research and linguistic knowledge (English language).</p> <p>Reference letters (up to 3) must be written in English, using the form available on the webpage https://unica.it/dottoraticerca (How to apply for PhD selection: Guidelines and forms- Annex D), by a university professor or an expert in the research fields of the PhD programme, on letterhead of their institution, dated and signed. Evaluators will send their letters directly to the email address phdcall_referenceletter@unica.it (object: surname and name of the candidate being evaluated and name of the PhD programme for which he/she is applying).</p>
POSITIONS	8
SCHOLARSHIPS	6: 2 funded by UniCa; 1 funds from project <i>QualityRights</i> ; 3 funded by the

	affiliated institutions: 1 by the University of Salerno - funded by NRRP Ministerial Decree no. 630/2024, 1 funded by the University of Ferrara (University funds), 1 funded by the University of Palermo
POSITIONS WITHOUT SCHOLARSHIP	2
CONTACT PERSON	PROF. MAURO GIOVANNI CARTA EMAIL mauro.carta@unica.it
WEBSITE	https://unica.it/unica/it/phd_200_1173.page
SCHOLARSHIPS FUNDED BY MINISTERIAL DECREE NO. 630/2024 - UNIVERSITY OF SALERNO	
Scholarship no. 1 - CUP F22B24000330005	
RESEARCH PROJECT	Comprehensive approach and prevention strategies in frailty through innovative systems for movement analysis and home rehabilitation
PRINCIPAL INVESTIGATOR	Prof. Alessia Bramanti
DESCRIPTION OF DOCTORAL TRAINING	The doctoral candidate will develop his or her project at the San Giovanni di Dio e Ruggi d'Aragona University Hospital, at the BTS partner company and at the foreign entity. He/she will attend the modules Basic Research Methodology Course; Applied Research Methodology Course in Movement Analysis; Telemedicine Course, envisaged by the doctoral pathway. After attending the basic training, he/she will develop a project hypothesis consistent with the aims of this scholarship (with a focus on research into the application of telemedicine to the integration of care in the frail individual). The doctoral candidate must produce at least three scientific papers, one of which must be a systematic review or scoping review on the chosen topic, one on methodology on the chosen topic (e.g. development of methodology or validation of procedure or measurement instrument), one of an experimental/applicative nature on the chosen topic, which must be the core of the thesis topic.
COMPANY	University Hospital Company "San Giovanni di Dio e Ruggi d'Aragona" (active agreement with the University of Salerno), headquarters via San Leonardo, Salerno; BTS Bioengineering S.p.A., headquarters: Viale Forlanini 40, 20024, Garbagnate Milanese (MI)
NO. OF MONTHS TO BE SPENT IN THE COMPANY	12 months at AOU San Giovanni di Dio e Ruggi d'Aragona + 3 months at la BTS Bioengineering S.p.A
FOREIGN INSTITUTION	To be defined
NO. OF MONTHS TO BE SPENT IN THE FOREIGN INSTITUTION	To be defined