



PhD program



LIFE COURSE RESEARCH



BIOMEDICAL curriculum

SCUOLA NORMALE SUPERIORE DI PISA

Characterization of psychiatric and neurodevelopmental disorders by analysis of omics and neuroimaging data

UNIVERSITÀ DEGLI STUDI DI FERRARA

Study of innovative prognostic markers in the treatment of degenerated intervertebral disc

UNIVERSITÀ DEGLI STUDI DI FIRENZE

1. Pathophysiologic mechanisms of the ageing process of cardiovascular system
2. Experimental and Clinical Geriatrics
3. Impact of environmental pollution on male fertility: study of the exposome to identify new risk factors, new diagnostic biomarkers and therapeutic targets
4. Human organoids to conceive and develop new pharmacological resources dedicated to the treatment of frailty throughout the course of life

UNIVERSITÀ DEGLI STUDI DI MESSINA

Characterization and evaluation of drug delivery through nanoparticles carrying chemotherapeutic as new therapeutic approach for glioblastoma

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

Impact of rare diseases on healthy aging

UNIVERSITÀ DEGLI STUDI DI TORINO

1. Development of new approaches for the treatment of aging-related diseases
2. New membrane-targeted agents to overcome resistance in RAS-Mutant NSCLC
3. Innovative policies for prevention of noncommunicable diseases across the life course: a European, national, and local view
4. Advancing Immunotherapy in Rare Solid Tumors: Characterization and Utilization of Peripheral Lymphocytes and Cytokines as Predictive Biomarkers
5. Effect of multimorbidity on fecal biomarkers: potential tools for the early identification of complex diseases associated to ageing
6. Molecular mechanisms underlying mitochondrial dysfunction in senescent T cells

UNIVERSITÀ DELLA CALABRIA

Molecular, clinical and functional aspects for the characterization of aging trajectories

PSYCHOLOGICAL curriculum

UNIVERSITÀ DEGLI STUDI DI FIRENZE

1. Transitions during adulthood: gender roles and psychosocial wellbeing
2. Predicting intimate breaking Up: toward a positive transition

SOCIO-DEMOGRAPHIC curriculum

LIBERA UNIVERSITÀ DI BOLZANO

Social Frailty, and Health in the Adult and Old Population

SAPIENZA UNIVERSITÀ DI ROMA

Human Longevity and Its Demographic and Social Consequences

SCUOLA SUPERIORE DI STUDI UNIVERSITARI E PERFEZIONAMENTO SANT'ANNA

Early risks in the life-course: determinants and trends of adolescent life-style behavior

UNIVERSITÀ CA' FOSCARI DI VENEZIA

A data-driven approach to promote effective actions in reducing health inequalities: Exploring and mitigating the determinants of morbidity and mortality

UNIVERSITÀ DEGLI STUDI DEL MOLISE

Employment, behaviour, wellbeing, health and mortality: a life course approach

UNIVERSITÀ DEGLI STUDI DI BARI ALDO MORO

Changing population age structure and migrations: exploring the relationships between and within territories

UNIVERSITÀ DEGLI STUDI DI FIRENZE

1. New Research Perspectives in Family Demography
2. New Research Perspectives in Social Demography
3. Family dynamics under conditions of economic uncertainty
4. Smart technologies and old people: analyses, tools and models for active ageing
5. Occupational careers and working conditions in later life

UNIVERSITÀ DEGLI STUDI DI MESSINA

Vulnerability and life course

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

The integration along life course

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II

International migration and geographical settlement: integration processes and socio-demographic issues

UNIVERSITÀ DEGLI STUDI DI PADOVA

Demography and health of refugees between Africa, Europe and Italy

UNIVERSITÀ DEGLI STUDI DI PALERMO



Statistical Methods for Longitudinal Analysis of School-University-Work Pathways



UNIVERSITÀ DEGLI STUDI DI SIENA



Poverty and Social Vulnerability During the Life Cycle



UNIVERSITÀ DEGLI STUDI DI TORINO



Fertility decisions, parents' well-being, child development



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
www.phd-LCR.com			
 SCUOLA NORMALE SUPERIORE	AFFILIATED: Scuola Normale Superiore di Pisa		
	P.I: Alessandro CELLERINO		
www.sns.it			
FUNDED BY	M.D. 629 - NRRP research	CUP	B12B24000670007
No. SCHOLARSHIPS	1		
CURRICULUM	BIOMEDICAL		
TITLE OF THE SCHOLARSHIP	Characterization of psychiatric and neurodevelopmental disorders by analysis of omics and neuroimaging data		
RESEARCH TOPIC	Development and validation of biomarkers for psychiatric disorders through the analysis of omics and neuroimaging data, using data science and/or Artificial Intelligence techniques.		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			

	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI – UniFI		
	https://www.phd-lcr.com/		
	AFFILIATED: Università di Ferrara		
	P.I.: Maria Letizia PENOLAZZI		
	www.unife.it		
FUNDED BY	Università di Ferrara		
No. SCHOLARSHIPS	1		
CURRICULUM	BIOMEDICAL		
TITLE OF THE SCHOLARSHIP	Study of innovative prognostic markers in the treatment of degenerated intervertebral disc		
RESEARCH TOPIC	<p>The pathologies that affect the spine are currently without a specific cure. In particular, slowing down the progression of the intervertebral disc (IVD) degeneration process remains an open challenge in the clinical setting. The research plans to identify key molecules that participate in signaling and regulatory processes in the microenvironment of the healthy and degenerated IVD. To this end, patients of different ages suffering from disc degeneration and undergoing discectomy will be recruited and monitored: post-surgical biopsies will be subjected to histological and molecular investigations (evaluation of gene expression) and used for the isolation of the cell population present (IVD cells). The main objectives will be: a. investigate the possible relationship between the patient's general condition in the short term (1-2 months after surgery) and the expression of specific genes (mainly correlated to chondrocyte differentiation, glycolytic metabolism and defense against oxidizing agents); b. create a platform based on individual patient IVD cells suitable for testing different types of drugs; c. identify molecules involved in the remodeling of the extracellular matrix and in the response to mechanical stress whose function is altered by the degenerative process; d. identify an advantageous molecular signature to support the functional recovery of the damaged IVD especially in physiological aging.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
	Università degli Studi di Firenze		
	P.I.: Stefano FUMAGALLI		
	https://www.phd-lcr.com/		
FUNDED BY	Università degli Studi di Firenze		
No. SCHOLARSHIPS	1		
CURRICULUM	BIOMEDICAL		
TITLE OF THE SCHOLARSHIP	Pathophysiologic mechanisms of the ageing process of cardiovascular system		
RESEARCH TOPIC	<p>The Doctoral Program is aimed at studying up-to-date aspects about pathophysiology, clinics and biology of cardiovascular diseases in older patients. Arterial hypertension, coronary artery disease, chronic heart failure, atrial fibrillation, valvular heart diseases and syncope increase with age, exerting a relevant impact on mortality, hospitalizations, disability onset and worsening of quality of life.</p> <p>The topics to be investigated should be focused on:</p> <ul style="list-style-type: none"> - epidemiology of the main conditions with big-data analysis; - pathophysiologic and clinical evaluation of the cardiovascular diseases at an advanced age; - the synergistic interaction among disease, frailty and neurocognitive profile; - is the use of new management strategies of arrhythmias and/or heart failure useful to prevent or revert frailty? - Valvular and coronary artery disease: the difficult choice between surgery and an interventional cardiology approach; - cardiac complications of non-cardiac surgery; - Patient Reported Outcomes and end-of-life issues, specific endpoints in geriatric medicine; - sleep and cardiovascular conditions; - polypharmacy and adherence to drug treatment; should pharmacotherapy be the same independently of age? - Genetic and cardiac conditions at older ages; - translational research, cardiovascular diseases, frailty, disability and dementia. The importance of chronic inflammation, metabolomics and gut microbiota. 		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
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Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI www.phd-LCR.com		
	Università degli Studi di Firenze		
	P.I.: Andrea UNGAR www.unifi.it		
FUNDED BY	M.D. 629 - PA	CUP	B12B24000660007
No. SCHOLARSHIPS	1		
CURRICULUM	BIOMEDICAL		
TITLE OF THE SCHOLARSHIP	Experimental and Clinical Geriatrics		
RESEARCH TOPIC	The project should address geriatric and gerontological issues of a biological, clinical, and/or technological nature. It should focus on investigating one or more of the following aspects: <ul style="list-style-type: none"> - 'Physiological' and 'pathological' ageing: clinical markers. - Markers of frailty. - Bio-molecular mechanisms of 'physiological' ageing. - Bio-molecular mechanisms of the main diseases of geriatric ageing. - Translational research aimed at framing the main geriatric syndromes and their interaction with frailty, disability, and neurodegenerative processes. - Study of metabolomics and proteomics, and analysis of the intestinal microbiota. - Insights into geriatric pharmacology: from the biomolecular basis to the clinical interaction between frailty and therapy. - New genetic approaches - New technological approaches for older adult's care: artificial intelligence in the older age, telemedicine, and domotics (e.g., transmission of information; home furnishings, clothing, and diagnostics of movement disorders) - Innovative care projects such as animal-assisted interventions, occupational therapy, and music therapy: the impact on the disease is not only 'organic', but also psychological. - Older adults' care in a special 'setting': from the emergency room to perioperative medicine at home. - Palliative care projects for older patients. 		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research period at the Company/PA/Research Centers	6 months		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
	Università degli Studi di Firenze				
	P.I.: Giulia RASTRELLI				
	www.unifi.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Impact of environmental pollution on male fertility: study of the exposome to identify new risk factors, new diagnostic biomarkers and therapeutic targets				
RESEARCH TOPIC	<p>The constant decline in birth rate is becoming a crucial issue not only for the political and institutional world, but also for the medical one (around 17% of couples are infertile). Despite the significant contribution of the male factor to this problem (in approximately 50% of cases there may be a male cause underlying infertility), a strong gender disparity persists which often leads to postponing the evaluation/treatment of males. Improper lifestyles and environmental pollution are considered emerging risk factors for infertility. This project aims to deepen knowledge of the pathogenetic mechanisms of infertility by studying the exposome (i.e. the total impact of environmental exposures on an individual's health over the course of life) and integrating the data obtained to identify new risk factors, diagnostic biomarkers and therapeutic targets to propose effective preventive and therapeutic strategies for couples.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	Andrological Sciences onlus	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
	www.phd-LCR.com		
	Università degli Studi di Firenze		
	P.I.: Carlo DANI		
	www.unifi.it		
FUNDED BY	Dip. Neuroscienze, Psicologia, Area del Farmaco e Salute del Bambino (NEUROFARBA) – UNIFI – Progetto Ministeriale “Dipartimenti di Eccellenza 2023-2027”	CUP	58514_DIPECC B17G22000740001
No. SCHOLARSHIPS	1		
CURRICULUM	BIOMEDICAL		
TITLE OF THE SCHOLARSHIP	Human organoids to conceive and develop new pharmacological resources dedicated to the treatment of frailty throughout the course of life		
RESEARCH TOPIC	Organoids are potentially revolutionizing the field of drug discovery and opening new approaches to personalized medicine. The possibility to develop self-organized three-dimensional tissue cultures derived from human stem cells of healthy subjects or patients allows to study pathophysiology as well as novel therapeutics. Aim of this research is the study of 3D, organoid-based models of intestine disorders in their relationship with the nervous (enteric and central) and the immune systems. Pathologies developed in the childhood able to induce effects that persist in the adulthood will be prioritized. Mechanisms of disease will be investigated with the aim to individuate new pharmacological targets to be addressed with newly conceived molecules based pharmaceutical chemistry, biotechnology or natural sources.		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	3 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI www.phd-LCR.com		
	AFFILIATED: Università degli Studi di Messina P.I.: Emanuela ESPOSITO www.unime.it		
	FUNDED BY Università degli Studi di Messina		
No. SCHOLARSHIPS	1		
CURRICULUM	BIOMEDICAL		
TITLE OF THE SCHOLARSHIP	Characterization and evaluation of drug delivery through nanoparticles carrying chemotherapeutic as new therapeutic approach for glioblastoma		
RESEARCH TOPIC	Glioblastoma (GBM) is the most common, aggressive, and lethal primary brain tumor. Despite advances in the field of neurosurgery as well as chemotherapy and radiotherapy, GBM remains one of the most treatment-resistant tumors due to mechanisms of initiation and progression still largely unknown. The formulation of therapeutic agents in nanoparticles is one of the most promising approaches to treat GBM due to the increased of availability at the target site, and the possibility to co-deliver a range of drugs and diagnostic agents. Research efforts aimed at developing new nanoparticles carrying chemotherapeutic and their therapeutics effects could lead to new approaches that improve the prognosis of patients affected by GBM.		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research period abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
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 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
	www.phd-LCR.com				
	AFFILIATED: Università degli Studi di Napoli Federico II				
	P.I.: Guido IACCARINO				
	www.unina.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Impact of rare diseases on healthy aging				
RESEARCH TOPIC	Healthy aging is a lifelong process. Pathological conditions that arise such as the onset of chronic or genetically determined diseases cause a deviation from the path of healthy aging. Projects are expected that investigate the mechanisms of genetically determined pathologies compatible with adult life on the reduction of the quantity and quality of days of life. Pathology models or clinical studies in patients suffering from rare diseases may be used.				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	Microtech	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	12 months
Study/Research periods abroad	The research will be conducted in collaboration with institutions in Europe or the US, within the framework of collaborators of the DMCC of Federico II University.				
INTERVIEW					
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 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
	www.phd-LCR.com				
	AFFILIATED: Università di Torino				
	P.I.: Francesco NERI				
	www.unito.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Development of new approaches for the treatment of aging-related diseases				
RESEARCH TOPIC	<p>Inflammaging indicates systemic, chronic, low-grade inflammation that appears during aging and is responsible for a number of diseases and dysfunctions associated with old age, such as decreased regeneration of the intestinal system. Recent studies report that blocking inflammation can improve gut regeneration. In this project, we would like to develop a new treatment that is inexpensive and noninvasive to counter inflammaging and improve intestinal homeostasis and regenerative capacity to provide systemic benefits to the body. The project plans to test molecules and molecular mechanisms on genetically engineered cells in vitro, then on in vivo experiments, and finally we plan to promote interactions between research centers and hospitals to translate the research into clinical settings.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	Fondazione Ricerca Molinette ETS	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
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	Director: Daniele VIGNOLI - UniFI				
www.phd-LCR.com					
	AFFILIATED: Università di Torino				
	P.I.: Silvia NOVELLO				
	www.unito.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	<u>New membrane-targeted agents to overcome resistance in RAS-Mutant NSCLC</u>				
RESEARCH TOPIC	This PhD project aims to develop novel therapies for RAS-mutant non-small cell lung cancers (NSCLCs), which have shown limited benefit from conventional targeted treatments or lack such treatments altogether. The focus will be on innovative approaches distinct from conventional inhibitors, such as but not limited to antibody-drug conjugates (ADCs) and bispecific antibodies. In fact, these agents have been demonstrated to extend the lifespan and improve the quality of life in other specific subsets of patients.				
	The research plan will include identifying targets unique to RAS-mutant cancers, both in the treatment-naïve setting and in tumors that have developed resistance after initial treatment. Additionally, the PhD project will include a validation pipeline to discover and test new potential therapeutic agents that should be conducted in a research lab within our institution.				
	A fundamental part of this PhD proposal is to develop methods for characterizing resistance over time to the newly developed agents, with the goal of potentially stratifying patients for future clinical trials. Additionally, the project should include a clear workflow centered on the patient's journey from both biological and clinical standpoints.				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	AMGEN	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
The scholarship recipient will mainly carry out his/her work at the affiliated University					

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
	AFFILIATED: Università di Torino				
	P.I.: Fulvio RICCERI				
	www.unito.it				
FUNDED BY	M.D. 630	CUP	D83C24000180006		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Innovative policies for prevention of noncommunicable diseases across the life course: a European, national, and local view				
RESEARCH TOPIC	<p>Cancer and other non-communicable diseases (NCDs) constitute a large proportion of the total burden of disease in Europe, and a large part of this disease burden can be prevented. Moreover, strong inequalities are still present in NCDs incidence as well as in the access to prevention strategies.</p> <p>The project will start from the analysis of local prevention case studies and will use the results provided in the local context to help in developing national and European NCDs prevention's strategies across life course that consider the reduction of health inequalities. The project will involve both data analysis and field actions with the involvement of appropriate stakeholders.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	ASL Città di Torino	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
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Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
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 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
	www.phd-LCR.com				
	AFFILIATED: Università di Torino				
	P.I.: Silvia NOVELLO				
	www.unito.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Advancing Immunotherapy in Rare Solid Tumors: Characterization and Utilization of Peripheral Lymphocytes and Cytokines as Predictive Biomarkers				
RESEARCH TOPIC	<p>Immunotherapy has emerged as a promising treatment option also in the management of rare solid tumors. However, our ability to predict disease response is still limited leading to the need for predictive biomarkers to better stratify patients and improve treatment outcomes. This challenge is particularly relevant for rare tumors, where the heterogeneity of histotypes and the rarity itself constitute significant obstacles in the personalized care of these patients. Continuous monitoring of immune-related changes in the tumor microenvironment is essential for understanding the mechanisms linked to response or resistance to immunotherapy. Notwithstanding, performing repeated tumor biopsies raise both ethical and practical concerns. Thus, this project aims to longitudinally evaluate lymphocyte populations and circulating cytokines in peripheral blood at different time points during immunotherapy treatment of patients affected by rare tumors to identify peripheral markers of response/resistance to immunotherapy treatments.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	BEIGENE	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
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Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
The scholarship recipient will mainly carry out his/her work at the affiliated University					



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	Director: Daniele VIGNOLI - UniFI				
	www.phd-LCR.com				
	AFFILIATED: Università di Torino				
	P.I.: Paola COSTELLI				
	www.unito.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Effect of multimorbidity on fecal biomarkers: potential tools for the early identification of complex diseases associated to ageing				
RESEARCH TOPIC	<p>The present project aims to investigate the effect of multimorbidity on gut microbioma and miRNoma in patients with colorectal cancer, neurological or respiratory diseases. An integrated multi-omic approach will be used, including data on microbioma (shotgun metagenomic sequencing), miRNoma (NGS) and metabolome (HPLC-MassSpect, to be performed at the Atlantis Center, Dept. Clinical and Biological Sciences, University of Torino), that will be elaborated taking into account available clinical and demographic data as well.</p>				
RESEARCH PROJECT	<p>The research project must be prepared following the instructions given in the template that can be downloaded here</p>				
COMPANY	Italian Institute for Genomic Medicine, Torino	Study/Research period at the COMPANY	12 months	Study/Research period ABROAD	6 monts
INTERVIEW					
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Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
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	Director: Daniele VIGNOLI - UniFI				
www.phd-LCR.com					
	AFFILIATED: Università di Torino				
	P.I.: Andrea GRAZIANI				
	www.unito.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Molecular mechanisms underlying mitochondrial dysfunction in senescent T cells				
RESEARCH TOPIC	<p>T cell senescence and age-related T dysfunction are major determinants of the age-associated progressive loss of immune function and drivers of inflammaging and aging-associated pathologies. Mitochondrial dysfunction is a key feature of senescent and dysfunctional T cells associated to the loss of T cell memory function. Emerging evidence from our group and others suggest that i) both mitochondrial and memory function in activated T cells depends on the balance between antigen receptors, either CD3ζ or CD3ζ-CAR, lysosomal degradation and recycling to the cell surface; ii) in <i>in vitro</i> and <i>in vivo</i> ageing models, senescence-associated mitochondrial dysfunction is driven by the impairment of a subset of cAMP/PKA/CREB1 signaling, through multiple mechanisms including PDE4D.</p> <p>Thus, by exploiting <i>in vitro</i> and/or <i>in vivo</i> models of T cell senescence/ageing we intend to investigate the molecular mechanisms underlying mitochondrial dysfunction in senescent/aged T cells. Results of these experiments would indicate suitable strategies to revert mitochondrial dysfunction and improve memory T cells function.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	IRCCS Ospedale San Raffaele (OSR)	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
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Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
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 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI – UniFI				
 UNIVERSITÀ DELLA CALABRIA	AFFILIATED: Università della Calabria				
	P.I.: Giuseppe PASSARINO				
	www.unical.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	BIOMEDICAL				
TITLE OF THE SCHOLARSHIP	Molecular, clinical and functional aspects for the characterization of aging trajectories				
RESEARCH TOPIC	<p>Healthy aging is a complex trait related to the interactions of numerous genetic and environmental factors. Research into the genetic and molecular basis of aging has suggested that genes involved in the maintenance of the cell and its basic metabolism are the major genetic factors influencing individual variation in the aging phenotype. Epigenetic studies have then shown that epigenetic modifications, modulated by both genetic background and lifestyle, are very sensitive to the aging process and can be a biomarker of the quality of aging or influence its speed and quality. In order to untangle the genetic and epigenetic components of healthy aging, the health status of elderly subjects will be monitored in various retirement homes of the SADEL company within the framework of some conventions and agreements between the company and the University of Calabria. Subsequently, genetic variability and epigenetic profile will be studied to highlight the genes that contribute with their variability to define the susceptibility of individuals to healthy or unhealthy aging, and the genes that modify their epigenetic profiles in response to a lifestyle. healthy life or accelerated aging.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	Sadel SpA	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
The scholarship recipient will mainly carry out his/her work at the affiliated University					



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI www.phd-LCR.com		
	Università degli Studi di Firenze P.I.: Camilla MATERA www.unifi.it		
	FUNDED BY Università degli Studi di Firenze		
No. SCHOLARSHIPS	1		
CURRICULUM	PSYCHOLOGICAL		
TITLE OF THE SCHOLARSHIP	Transitions during adulthood: gender roles and psychosocial wellbeing		
RESEARCH TOPIC	<p>The research aims to analyse choices and adaptation processes in the individual's life course, considering the role of context, relationships, beliefs and internalised psychosocial resources.</p> <p>Transitions typical of adulthood will be the object of interest, with the aim of identifying the role of psychosocial factors in determining the educational (e.g. from secondary school to university), professional (from the educational context to the work context) and family (relating to cohabitation and parenthood) choices of men and women in these periods of change.</p> <p>Keeping the role of individual variables in check, the research aims to identify psychosocial factors capable of facilitating adaptive choices, using correlational, experimental and/or longitudinal designs. Particular attention will be paid to stereotypical beliefs related to gender roles, which can influence choices in different contexts and can affect well-being in its various facets.</p> <p>The results of the research will contribute to the planning of interventions aimed at promoting useful resources for individual well-being, facilitating change and helping the individual to maintain good psychological functioning in delicate phases of transition and redefinition of the self-concept.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)


 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
	www.phd-LCR.com		
	Università degli Studi di Firenze		
	P.I.: Annalaura NOCENTINI		
	www.unifi.it		
FUNDED BY	M.D. 629 - PA	CUP	B12B24000660007
No. SCHOLARSHIPS	1		
CURRICULUM	PSYCHOLOGICAL		
TITLE OF THE SCHOLARSHIP	Predicting intimate breaking Up: toward a positive transition		
RESEARCH TOPIC	<p>The research aims to analyse the psychosocial predictors of romantic relationship breakdown in order to build a translational model on which to intervene in terms of prevention. Promoting a positive transition at the end of a romantic relationship can foster the development of individual well-being trajectories, preventing maladaptive outcomes such as forms of violence or relational control, online and offline. The model will consider the interaction between individual skills/motivations and the quality of the relational context in achieving individual well-being. The research project will make use of experimental, longitudinal and correlational research designs, mixed quantitative and qualitative methods and integrated survey methods based on behavioural and physiological indices.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research period at the Company/PA/Research Centers	6 months		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)

	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
	AFFILIATED: Libera Università di Bolzano		
	P.I.: Giulia CAVRINI		
	www.unibz.it		
FUNDED BY	Libera Università di Bolzano		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	Social Frailty, and Health in the Adult and Old Population		
RESEARCH TOPIC/THEMATIC TO DEVELOP	<p>Social frailty, encompassing physical, psychological, and social domains, remains largely unexplored despite its recognized importance. The prevalence of chronic diseases, combined with demographic, economic, and lifestyle changes, contributes to worsening health conditions.</p> <p>There are various approaches to addressing social frailty (SF), particularly relevant in Italy where the limited availability of public funding necessitates greater reliance on informal social relations. Adopting an intersectional perspective can improve the understanding of the complex concept of social frailty by considering multiple dimensions of identity and intersecting inequalities. Recognizing that experiences of frailty vary according to factors such as gender, ethnicity, social class, sexual orientation, and other personal characteristics is crucial. However, the literature on social frailty still reports few data on quality of life in adulthood and old ages, particularly considering social stratifications.</p> <p>The candidate may explore this topic by referring to indices of social frailty proposed in the existing literature, which include key dimensions of vulnerability such as isolation, disability, and dependency. Furthermore, it may be evaluated how the intersectional approach to the analysis of family contexts may allow monitoring of living and health conditions in groups at higher risk of SF.</p> <p>The candidate's skills in data analysis, intervention planning and evaluation, and knowledge of life-cycle psychology can be integrated to further explore these aspects.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	Max 6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
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 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
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 SAPIENZA UNIVERSITÀ DI ROMA	AFFILIATED: SAPIENZA Università di Roma		
	P.I.: Alessandra DE ROSE		
www.uniroma1.it			
FUNDED BY	Sapienza Università di Roma - NRRP NGEU – PE08 Age-It	CUP	B53C2200409006
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	Human Longevity and Its Demographic and Social Consequences		
RESEARCH TOPIC	<p>Impressive progress has been achieved in human longevity. Progress in survival can be achieved by lowering the level of mortality (individual death rates) but not by slowing down the speed of the basic ageing process itself. To understand the mechanisms thanks to which these improvements are achieved, a recent theory suggests estimating the rate of senescent mortality by age or “rate of ageing” that may be the same for all human beings. The candidate will contribute to develop models and methods for a deeper understanding of the underlying mechanisms of survival and longevity. As further progress is to be expected in the future especially at older ages, the number of long-lived individuals will continue to increase. The candidate is expected to contribute to the evaluation of the impact of increased longevity on society that will include a rigorous demographic and statistical analysis of the population structure and of that of specific aggregates, such as the workforce, the unhealthy and disabled population and the caregiver network.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			



	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
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	AFFILIATED: Scuola Superiore Sant'Anna di Pisa				
	P.I.: Chiara SEGHERI				
https://www.santannapisa.it/it					
FUNDED BY	D.M. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	SOCIO-DEMOGRAPHIC				
TITLE OF THE SCHOLARSHIP	Early risks in the life-course: determinants and trends of adolescent life-style behavior				
RESEARCH TOPIC	<p>Addictive behaviors, such as drug use, alcohol consumption are considered potential threats to health conditions across all ages. Different patterns of risky behaviors are observed over the life course, with adolescence considered a critical period in which people are susceptible to engaging in risky behaviors that might play a determinant role in the health and well-being during adulthood. Therefore, appropriate and timely interventions and policies to improve lifestyle behaviors among adolescents are essential to ensure future wellbeing. To this end, a better understanding of mechanisms and drivers behind the adoption of risky behaviors and unhealthy lifestyles among adolescents and its evolution over the last decades can guide future policy and prevention efforts. This scholarship examines patterns and determinants of risky health behaviors in adolescence from an intergenerational perspective, considering societal trends, healthcare changes, family dynamics, and new technology. The scholarship will give access to survey data from the ESPAD®Italia (European School Survey Project on Alcohol and Other Drugs) over the period 1999- 2024 among a representative sample of secondary schools throughout the country, involving students between the ages 15 to 19 and international ESPAD Trend DB over the period 1995-2019 on a representative sample of 16-year-old students from around 50 countries in the European area.</p> <p>Applicants must present a research project on the above mentioned topics. Ability to use advanced statistical methods for longitudinal data analysis and for causal inference are a plus.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	CNR-IFC	Study/Research period at the COMPANY	10 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
The scholarship recipient will mainly carry out his/her work at the affiliated University					



	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI www.phd-LCR.com		
	AFFILIATED: Ca' Foscari Università di Venezia P.I.: Gaia BERTARELLI www.unive.it		
	FUNDED BY Ca' Foscari Università di Venezia		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	A data-driven approach to promote effective actions in reducing health inequalities: Exploring and mitigating the determinants of morbidity and mortality		
RESEARCH TOPIC	<p>The research on which candidates must present their project is twofold. Firstly, it explores the social and environmental determinants of health for morbidity and mortality, using both advanced qualitative and quantitative methods. Additionally, it aims to propose and evaluate interventions to reduce harmful practices.</p> <p>Bio-behavioral factors in health refer to the interplay between biological processes and behavioral factors that influence an individual's health and susceptibility to disease. These factors recognize that health outcomes are shaped not only by biology but also by lifestyle choices, stress, psychosocial factors, health beliefs and attitudes, social support, environmental characteristics, self-care practices and healthcare systems. Indeed, changes in lifestyle and health habits can improve quality of life, slow disease progression, and reduce symptom burden across various health conditions. Understanding these aspects is crucial for implementing effective and feasible prevention policies. Therefore, this research also aims to enhance health and achieve health equity by testing, and supporting effective health programs, policies, and practices within a health prevention context using data-driven decision-making.</p> <p>In this health prevention context, utilizing data from multiple sources is essential. Surveys, big data, registers, data from wearable devices, mobile app data and social networks can collectively capture the factors influencing morbidity and mortality. However, recognizing the importance of data does not eliminate the challenges associated with its use. This research aims to delve into and apply analysis methods appropriate to the nature of the available data.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
	AFFILIATED: Università degli Studi del Molise		
	P.I.: Cecilia TOMASSINI		
	www2.unimol.it		
FUNDED BY	Università degli Studi del Molise		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	Employment, behaviour, wellbeing, health and mortality: a life course approach		
RESEARCH TOPIC	<p>The project aims at developing new tools for economic-health analysis and planning by identifying, estimating, and monitoring the causal relationships and interdependencies between employment status, health, well-being, and mortality as determined by socio-economic, territorial differences, habits, and lifestyles. Health and well-being conditions (both physical and mental) may include self-rated health indicators as well as objective measurements such as sick leave from work, medical diagnoses, and access to health services (i.e. emergency services, hospitalisations, medication), or specific evaluations of the degree of independence derived from survey questionnaires (ADL, IADL, or GALI). Employment and socio-economic status may be defined as educational level, professional position, economic sector, type of contract, possible use of smart-working organizational models, family and personal financial situation, material living conditions. Territorial differences include possible residence in municipalities of the Inner Areas and the characteristics of the municipalities of residence (services, infrastructure, environment, and social cohesion measures). The project should to improve the statistical knowledge of the causal relationships and interdependencies between employment status, health, mortality, well-being, and socio-economic-territorial differences. Additionally, the project aims to develop new planning tools in various fields: healthcare prevention, social care, and the definition of infrastructural interventions.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
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 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI www.phd-LCR.com		
 UNIVERSITÀ DEGLI STUDI DI BARI ALDO MORO	AFFILIATED: Università degli Studi di Bari Aldo Moro P.I.: Anna PATERNO www.uniba.it		
	FUNDED BY Università degli Studi di Bari Aldo Moro		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAFIC		
TITLE OF THE SCHOLARSHIP	Changing population age structure and migrations: exploring the relationships between and within territories		
RESEARCH TOPIC	<p>In Europe, as in most of the demographically advanced countries, the decline in fertility or its prolonged low levels and the increase in life expectancy have profoundly transformed the age structure of the populations, implying a reduction in the share of young people and a simultaneous increase in the percentage of the elderly. The transformation of the shape of the age pyramid that for several decades has concerned the Western Europe has involved over time the countries located in other geographical areas. The United Nations' forecasting scenarios show that the trend towards a longer lifespan should continue, both in contexts in which a higher fertility will be observed, and in contexts of declining fertility. Consequently, in all European countries the growth of the population will be fastest at the top of the age pyramid. Concerning the decline in the active population, it is widely recognized that immigration can be considered a mediating factor in slowing down or attenuating the aging process. With respect to the prospects of a decline in the active population, immigration can be considered a mediating factor in slowing down or attenuating the aging process. Migration flows and the presence of immigrants affect the demographic characteristics of different territories at different times and in different ways, producing heterogeneous effects. The changing intensity of migratory flows of different origins and types and in general the settlement patterns of migrants vary significantly between territories and within territories contributing differently to their demographic dynamics. The research will examine the relationships between the abovementioned topics - transformations in the age composition of populations, migrations and territory – also paying attention to the impact of migrations on the demographic models of the territories (at a local scale) and therefore analysing possible similarities and heterogeneities. The project will have to describe demographic and/or statistical methodologies that can be considered appropriate to examine these issues, applying an approach that contemplates life courses</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			



	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
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	Università degli Studi di Firenze		
	P.I.: Daniele VIGNOLI - Raffaele GUETTO		
	www.unifi.it		
FUNDED BY	Università degli Studi di Firenze		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	New Research Perspectives in Family Demography		
RESEARCH TOPIC	<p>The scholarship is anchored in the main research topics in family demography within the general framework of population aging. It focuses on the study of family structures, their changes over time, and their social and economic consequences, integrating a demographic interest in new family behaviors with a sociological focus on inequalities. The projects should analyze the processes of family formation and dissolution, patterns of marriage, divorce, and cohabitation, within the general context of population aging. Candidates must present a project on the causes and consequences of family life course events in the context of an aging society, focusing on one or more aspects of the analysis of family life cycle events and their possible consequences for adults and children. Priority will be given to projects that utilize primary or secondary data and advanced statistical methods for the analysis of longitudinal data and/or causal inference.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
	Università degli Studi di Firenze		
	P.I.: Daniele VIGNOLI		
	www.unifi.it		
FUNDED BY	Università degli Studi di Firenze		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	New Research Perspectives in Social Demography		
RESEARCH TOPIC	<p>The project is anchored in the main debates and research topics in Social demography. Social demography addresses issues related to the composition and change of the population and how they interact with socioeconomic variables at both individual and contextual levels. Social demography also employs demographic approaches and methods to understand social, economic, and political phenomena. A potential research project could explore, for example, how changes in demographic composition influence the social and economic dynamics of a specific geographical area, or how sociological factors interact with demographic trends. Priority will be given to projects that utilize primary or secondary data and advanced statistical methods for the analysis of longitudinal data and/or causal inference.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)



	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
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	Università degli Studi di Firenze				
	P.I.: Raffaele GUETTO				
	www.unifi.it				
FUNDED BY	M.D. 630		CUP	B12B24000650007	
No. SCHOLARSHIPS	1				
CURRICULUM	SOCIO-DEMOGRAPHIC				
TITLE OF THE SCHOLARSHIP	Family dynamics under conditions of economic uncertainty				
RESEARCH TOPIC	<p>Labour markets in post-industrial societies have undergone tremendous modifications in the last decades. These changes create new opportunities for workers but also generate new risks, thereby potentially affecting the opportunities to make long-term family commitments. Not only has economic uncertainty related to globalization and labour market deregulation escalated, but social and political uncertainty has also become central in public debate and personal lives. A related concern is the bifurcation of family demography across social groups, with union dissolutions and single-parent households becoming more common in the most disadvantaged social groups. Uneven family demographic changes may exacerbate social inequalities caused by other labour market transformations.</p> <p>The candidate interested in this scholarship should develop a research project addressing the triangular relationship between rising economic uncertainty, social inequalities, and family life courses. Labour market transformations and rising uncertainty may indeed affect the process of family formation at its various stages as well as family stability – with significant differences across social groups. Priority will be given to research projects involving the statistical analysis of complex datasets, including the possibility of integrating different types of data, i.e. survey and administrative sources.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	IRPET	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
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	Università degli Studi di Firenze				
	P.I.: Elena PIRANI				
	www.unifi.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	SOCIO-DEMOGRAPHIC				
TITLE OF THE SCHOLARSHIP	Smart technologies and old people: analyses, tools and models for active ageing				
RESEARCH TOPIC	<p>Contemporary societies register increasing chances for individuals to reach old age, although the advantages in terms of life expectancy do not necessarily translate into advantages in terms of good health. The understanding of those factors that can improve ageing in health is thus of paramount importance. Healthy ageing involves a proactive approach, focusing on preventive measures, positive lifestyle choices, and supportive environments that promote health and well-being throughout the life course.</p> <p>This project aims at developing a deeper understanding of the role that smart technologies may play in healthy ageing. The adoption of smart technologies – for instance, sensor and device-based digital capture of activity, health and function – may promote health and disease prevention in older age, assisting people to live healthily and facilitating the age-in-place practice.</p> <p>In this framework, the candidate is asked to develop analyses, models, and tools to detect individuals and situations of vulnerability in old age and design interventions throughout the life course to promote healthy and active ageing. This line of research calls for a depth of understanding of how smart technologies might be influenced by different settings (namely home, community, or health care systems) and by individual, family and societal characteristics (like socio-economic background, migrant status, family and intergenerational support).</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	Fondazione ETS Monash	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
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	Università degli Studi di Firenze		
	P.I.: Annalisa TONARELLI		
	www.unifi.it		
FUNDED BY	M.D. 629 - PA	CUP	B12B24000660007
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAFIC		
TITLE OF THE SCHOLARSHIP	Occupational careers and working conditions in later life		
RESEARCH TOPIC	<p>The aging of the population and the increase in the retirement age led to an inevitable lengthening of the working careers of men and women. How are these advanced stages of working life characterized in terms of occupational opportunities and working conditions? Does the lengthening of careers take place in a linear fashion in relation to previous professional experiences or does it take place through frequent and prolonged periods of inactivity and unemployment? Are there significant differences based on gender, nationality, socio-professional status, and sector? These are questions that have been little explored by social research and instead need to be investigated in depth to ensure an equal extension of working life. In particular, the project can be developed by considering two main dimensions. The first concerns working conditions and investigates, using both quantitative and qualitative methods, career paths in the advanced stages of working life with the aim of highlighting the opportunities that the labor market offers to the older workforce. The second concerns working conditions. Through both a quantitative and qualitative approach, the aim is to explore the sustainability of the work performed in the light of the reduced psychophysical resources and the specific needs, for example in terms of health, that characterize older workers.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research period at the Company/PA/Research Centers	6 months		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)



 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
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	AFFILIATED: Università degli Studi di Messina		
	P.I.: Marcantonio CALTABIANO - Maria Gabriella CAMPOLO		
	www.unime.it		
FUNDED BY	M.D. 629 - PA	CUP	B12B24000660007
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	Vulnerability and life course		
RESEARCH TOPIC	<p>Vulnerabilities are factors or circumstances that make individuals or communities more susceptible to risks and difficulties in facing life challenges. Vulnerability thus presents itself as a longitudinal, multidimensional, and multilevel process, and the life course perspective is a theoretical framework that lends itself well to examining the interactions and transitions between events and choices that individuals must face during their lifetime and how these influence their long-term individual development and well-being.</p> <p>Various subjects can be considered vulnerable (children, elderly, women, migrants and ethnic minorities, individuals in poverty, etc.) and can be explored through the life course perspective. For example, in relation to children and youth, this approach can help to understand how life experiences during childhood and adolescence influence long-term outcomes in terms of education, employment, health, and well-being. For individuals in poverty, this perspective can help explore how the experience of poverty accumulates over the course of life, influencing educational, occupational, and health trajectories. It can also shed light on how disabilities impact an individual's life course and how social and contextual factors can mitigate or exacerbate the challenges these individuals face. Furthermore, it can provide insights into how migratory experiences shape individuals' life trajectories and how migratory policies can either support or jeopardize their development and well-being.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research period at the Company/PA/Research Centers	6 months		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			



	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
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	AFFILIATED: Università degli Studi di Milano Bicocca		
	P.I.: Laura TERZERA		
	www.unimib.it		
FUNDED BY	Università degli Studi di Milano Bicocca		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	The integration along life course		
RESEARCH TOPIC	<p>The impact of immigration on the ageing of the Italian population is significant when the immigrant population decides to settle permanently in the country of destination. The settlement process is therefore closely linked to integration in its various aspects (economic, lifestyle, identity, etc.). In addition, integration depends on the life cycle or the transitional phase, e.g. transition to adulthood, marriage, parenthood, retirement etc.</p> <p>Research will need to examine the link between the life course and the integration process, taking into account one or more dimensions, depending on the availability of data.</p> <p>The research may take a comparative approach with other European contexts or focus only on Italy; it may also use mixed (qualitative-quantitative) techniques and both administrative and sample data sources. In addition, the possibility of using big data analysis techniques may be explored.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
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Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
	AFFILIATED: Università degli Studi di Napoli Federico II		
	P.I.: Salvatore STROZZA and Giuseppe GABRIELLI		
	www.unina.it		
FUNDED BY	NRRP NGEU - PE08 Age-It	CUP	E63C22002050006
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	International migration and geographical settlement: integration processes and socio-demographic issues		
RESEARCH TOPIC	<p>The candidate must provide a research project able to significantly contribute in understanding the integration processes of migrants and/or their descendants, and in identifying the main mechanisms that regulate the interaction among individuals, family and/or network decision-making processes, as well as the set of opportunities and constraints existing in the destination context.</p> <p>The analyses of immigrants' integration in the destination societies defined specific indicators and synthetic indices which able to monitor at macro-level the situation in different destination contexts and to define the differential socio-demographic characteristics of the different target sub-groups.</p> <p>At micro level, different studies are evaluating mechanisms and determinants of integration processes in demographic field (e.g. formation and dissolution of couples, reproductive behaviors, settlement patterns and mobility), in sociological one (e.g. social inclusion, lifestyles, migratory projects, acquisition of citizenship) and in economic one (e.g. employment, poverty, remittances).</p> <p>The research project should pay particular attention on the territorial settlement models of migrants considering at least one of the following three macro themes: (i) territorial integration of foreigners in local contexts; (ii) foreign presence and socio-demographic implications in different destination contexts; (iii) migratory models and territory.</p> <p>The candidate should consider European contexts in a comparative approach or a specific context (preferably Italian one), indicating adequate datasets and appropriate multivariate statistical analyses.</p>		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	At least 6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI				
www.phd-LCR.com					
 UNIVERSITÀ DEGLI STUDI DI PADOVA	AFFILIATED: Università degli Studi di Padova				
	P.I.: Gianpiero DALLA ZUANNA				
	www.unipd.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	SOCIO-DEMOGRAPHIC				
TITLE OF THE SCHOLARSHIP	Demography and health of refugees between Africa, Europe and Italy				
RESEARCH TOPIC	<p>In recent decades the number of refugees (internal and international) has increased disproportionately, as a sad consequence of the growing humanitarian crises. Many studies are dedicated to migration and refugee integration policies, while studies on reception policies in the regions adjacent to the areas of escape are lacking, especially in the various African regions. There is also a lack of specific studies on the demographics of refugees in different geographical contexts, as well as on their physical and mental health conditions.</p> <p>The grant will be awarded to a project that explores the dynamics of mobility, reception and integration strategies of refugees, comparatively analyzing two different sample contexts: two regions interested in welcoming refugees from South Sudan in which the CUAMM operates (Gambella in Ethiopia and West Nile in Uganda). The third part of the research will concern the provinces of Padova and Rovigo, where various reception and integration projects for asylum seekers have been introduced in recent years. The aim of the research will be to investigate, through both a qualitative and quantitative approach:</p> <ol style="list-style-type: none"> 1. the conditions of reception, health and integration of refugees; 2. the family and mobility strategies implemented by refugees to cope with different contexts; 3. the resulting demographic and health dynamics of refugees in the different areas investigated. 				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	CUAMM	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
The scholarship recipient will mainly carry out his/her work at the affiliated University					

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH		
	Director: Daniele VIGNOLI - UniFI		
		www.phd-LCR.com	
 UNIVERSITÀ DEGLI STUDI DI PALERMO	AFFILIATED: Università degli Studi di Palermo		
	P.I.: Massimo ATTANASIO		
		www.unipa.it	
FUNDED BY	Università degli Studi di Palermo		
No. SCHOLARSHIPS	1		
CURRICULUM	SOCIO-DEMOGRAPHIC		
TITLE OF THE SCHOLARSHIP	Statistical Methods for Longitudinal Analysis of School-University-Work Pathways		
RESEARCH TOPIC	The research topic focuses on the analysis of the determinants of education (upper secondary school-university) to work pathways. The education pathway includes data from INVALSI databases and the Anagrafe nazionale Studenti (MUR), while the job/non-job pathway encompasses employment trajectories with/without a first-level degree or with/without a second-level or single-cycle degree. Emphasis is placed on innovative statistical methods for the analysis of longitudinal data, with reference to in-depth micro-territorial studies in Italy, vulnerable students, and STEM pathways.		
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here		
Study/Research periods abroad	6 months		
INTERVIEW			
LANGUAGE	DATE	TIME	MODE
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)
The scholarship recipient will mainly carry out his/her work at the affiliated University			

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
	www.phd-LCR.com				
 UNIVERSITÀ DI SIENA 1240	AFFILIATED: Università degli Studi di Siena				
	P.I.: Antonella D'AGOSTINO				
	www.unisi.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	SOCIO-DEMOGRAPHIC				
TITLE OF THE SCHOLARSHIP	Poverty and Social Vulnerability During the Life Cycle				
RESEARCH TOPIC	<p>Poverty and the risk of vulnerability have been seen as concepts that develop over a lifetime, beginning with the earliest studies by Rowntree in 1901. Throughout the life cycle, additional key factors in these "poverty trajectories" come into play: gender and age groups. These factors lead us to identify new demographics affected by poverty. Specifically, the project should outline: i) the potential and primary databases to be used (official surveys, ad hoc surveys, non-standard archives, etc.); ii) the statistical methodologies to be explored, including longitudinal analysis techniques and pseudo-panel approaches; iii) the specific research objectives to be pursued. Adequate attention should also be given to issues related to measuring the phenomenon at the local level.</p>				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	IRPET	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
The scholarship recipient will mainly carry out his/her work at the affiliated University					

 LIFE COURSE RESEARCH	DOCTORAL PROGRAMME OF NATIONAL INTEREST IN LIFE COURSE RESEARCH				
	Director: Daniele VIGNOLI - UniFI				
	www.phd-LCR.com				
	AFFILIATED: Università di Torino				
	P.I.: Chiara PRONZATO				
	www.unito.it				
FUNDED BY	M.D. 630	CUP	B12B24000650007		
No. SCHOLARSHIPS	1				
CURRICULUM	SOCIO-DEMOGRAPHIC				
TITLE OF THE SCHOLARSHIP	Fertility decisions, parents' well-being, child development				
RESEARCH TOPIC	The theme to be developed concerns the dynamics that exist between the choice to have children, the well-being of parents, the parenting style, and the cognitive and non-cognitive development of the child.				
RESEARCH PROJECT	The research project must be prepared following the instructions given in the template that can be downloaded here				
COMPANY	Collegio Carlo Alberto (CCA)	Study/Research period at the COMPANY	6 months	Study/Research period ABROAD	6 months
INTERVIEW					
LANGUAGE	DATE	TIME	MODE		
Italian / English	July 29 th -30 th 2024	08:30 a.m.	Remotely (videocall)		
The scholarship recipient will mainly carry out his/her work at the affiliated University					