

## Call for a Doctoral Scholarship in Economics and Public Health (2020-2023)

### 1) LIVE Graduate School

LIVE (Life trajectories and health VulnErability) Graduate School was selected by the Research Ministry as part of Graduate Schools of Research (EUR) of the PIA3 (the third phase of the Investments for the Future Program). This Graduate school is located at UPEC (*Université Paris-Est Créteil*), France. It addresses three crucial needs (i) a permanent structure to carry out multi-scale, multidisciplinary research and teaching on vulnerability, (ii) a solid integration in the health sector and (iii) a continuum between academic research and “real life” to enable innovation and tackle vulnerability. At the cross-roads of health/biology, social and environmental sciences, LIVE offers advanced research programmes with a strong transdisciplinary, transcultural and international focus. LIVE benefits from the complementary expertise of specialists of health economics, public health and ageing, and a unique multidisciplinary consortium studying the impact of environmental pollution on health (physics, chemistry, engineering, environmental & biological science, developmental biology, psychiatric disorders, cardiovascular & respiratory pathophysiology and bioinformatics). LIVE overcomes the fragmented approach to vulnerability in the setting of health care, socio-economic environment and environmental exposure and provide a transdisciplinary and multiscale training to selected students, by creating a PhD programme developing cutting-edge research in the field of vulnerability, in one of 5 relevant doctoral schools.

LIVE is built around 3 pillars, each of which has a longstanding reputation for excellence, but which require further integration in order to address the issue of vulnerability:

- 1<sup>st</sup> pillar: health and biology research, which relies on recognized expertise in the field of age-related cardiac and lung diseases, infectious diseases, psychiatric disorders and rare diseases.
- 2<sup>nd</sup> pillar: economics and public health.
- 3<sup>rd</sup> pillar: environmental determinants (air, water and soil quality, environmental hazards, pollution, contaminants and toxins) and their impact on health.

### 2) Doctoral Scholarship in Economics or in Public Health

A Doctoral Grant is offered by UPEC (*Université Paris-Est Créteil*) for 3 years from October 2020 to September 2023 for applicants eager to work on **Vulnerability in Health** with **an interdisciplinary approach** (Economics and Public Health). Candidates have to be fluent in English and the Ph. D. Dissertation project has to deal with Vulnerability in Health, in a broad meaning.

All candidates must complete a formal application, including:

- Curriculum vitae
- Academic transcript (two last years)
- Ph.D project (up to 5 pages) including the following topics: Problematic, Literature review, Ph.D Originality, Methodology, References.
- Academic references are welcome

## 2.1) Eligibility and Selection Criteria for applying in Economics

- Master's degree in economics
- Ph.D. project in Applied Economics and Public Policy Evaluation
- Excellent skills in Economics (microeconomics, macroeconomics, public economics, insurance economics...)
- Excellent knowledge in Econometrics (qualitative variables, Data panel, ...)
- Proficiency in statistical software (SAS, STATA or R)
- Focus on Vulnerability in Health (social and spatial inequalities in access to care and in access to insurance; inequalities in care supply; medical practice variation; target on vulnerable population such as low-income groups, the disabled, the elderly...in international comparative approach or specific focus)
- Interest for pluridisciplinary approach (eg Economics and Epidemiology)

Contact: Prof. Thomas BARNAY, MSc, PhD: [barnay@u-pec.fr](mailto:barnay@u-pec.fr)

Unit Research: ERUDITE

## 2.2.) Eligibility and Selection Criteria for applying in Public Health/Epidemiology

- Master's degree in epidemiology or clinical research or biostatistics
- Excellent skills in data analysis and interpretation of data
- Excellent knowledge in Public Health/Epidemiology or Clinical Research (methodology: cohort/clinical trials/case control studies, bias minimization, uni/multivariate analysis, survival analysis)
- Proficiency in statistical software (R or STATA or other)
- Interest/Experience for the domain of Vulnerability/Frailty in Health (Ageing, Older subjects, Chronic Diseases, social and spatial inequalities in access to care/drugs, medical and social determinants in trajectories of health and care, Interventional Research to care frail/vulnerable subjects)
- Interest for pluridisciplinary approach (eg Economics and Epidemiology)

Contact: Prof. Florence CANOUI-POITRINE, MD, PhD: [florence.canoui-poitaine@aphp.fr](mailto:florence.canoui-poitaine@aphp.fr)

Unit Research: IMRB U955 - INSERM

## 3) Important dates

Submissions open: **May 04<sup>th</sup> 2020**

Submissions close: **June 05<sup>th</sup> 2020**

Decisions on acceptance: **July 1<sup>th</sup> 2020**

Start of Ph.D.: **October 1<sup>th</sup> 2020**