

## Call for a Doctoral Scholarship in Health Economics & Public Health (2021-2024)

### 1) About LIVE Graduate School

**LIVE** (LIfe trajectories and health **Vuln**Erability) 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 coordinated by the UPEC (*Université Paris-Est Créteil*, France) in partnership with both INSERM and the CNRS. **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 program 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:

- **Health Economics & Public Health:** which relies on better identification of socio-economic and health-related individual and contextual determinants of vulnerability and health inequalities, health-care trajectories and assessment of health-care intervention (pharmacological or not) through, cohort, panel, clinical trial and medico-administrative data.
- **Health & Biology:** which relies on recognized expertise in the field of age-related cardiac and lung diseases, infectious diseases, psychiatric disorders and rare diseases.
- **Health & Environment:** air, water and soil quality, environmental hazards, pollution, contaminants and toxins and their impact on health.

### 2) LIVE Excellence Scholarship – PhD level

Doctoral grants are allocated by the UPEC (*Université Paris-Est Créteil*) for 3 years from October 2021 to September 2024 for motivated applicants eager to work on **Vulnerability in Health Economics & Public Health** with a **transdisciplinary approach**.

*Eligibility and Selection Criteria for applying Economics:*

- Master's degree with high skills in in Economics.
- Candidate's excellence:
  - ☞ A research project written in English in Applied Economics and Public Policy Evaluation, 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). The research subject proposed must clearly show the relevance within the **LIVE** pillar of candidacy and the transdisciplinary dimension.

- ☞ Interest for pluridisciplinary approach (eg Economics and Epidemiology)
- ☞ 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)
- ☞ Ability to take on societal issues
- ☞ English proficiency for non-native speakers (800 points for TOEIC test or equivalency in another international test such as Cambridge or TOEFL).
- Feasibility in 3 years

**Contact:** Prof. Thomas BARNAY, MSc, PhD: barnay@u-pec.fr

**Unit Research:** ERUDITE

### **Eligibility and Selection Criteria for applying in Public Health/Epidemiology**

- Master's degree with high skills in epidemiology or clinical research or biostatistics.
- Candidate's excellence:
  - ☞ 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). The research subject proposed must clearly show the relevance within the **LIVE** pillar of candidacy and the transdisciplinary dimension.
  - ☞ Interest for pluridisciplinary approach (eg Economics and Epidemiology)
  - ☞ Ability to take on societal issues
  - ☞ English proficiency for non-native speakers (800 points for TOEIC test or equivalency in another international test such as Cambridge or TOEFL).
- Feasibility in 3 years

**Contact:** Prof. Florence CANOUI-POITRINE, MD, PhD: florence.canoui-poitaine@aphp.fr

**Unit Research:** IMRB U955 - INSERM

NB: The thesis supervisor must be affiliated within a research unit or hosting laboratory associated with **LIVE** masters & doctoral schools (listed upon). The International scope of the research subject through a partnership with a foreign institution or laboratory is highly

encouraged. For further information please contact the heads of the pillar **Health Economics & Public Health**.

- ☞ **Health Economics & Public Health:** Associated Masters: Health Economics, Research in Public Health, Epidemiological surveillance of Human and Animal Diseases (SEMHA). Associated Doctoral Schools: Organization, Markets, Institutions (OMI) and Public Health (EDSP) (U. Paris Saclay and UPE).
- ☞ **Health & Biology:** Associated Masters: Anti -infectious immunity and vaccine; biotherapies: tissue, cell, gene (BTCG) – Associated Doctoral School: Life and Health Sciences (SVS – UPEC)
- ☞ **Health & Environment:** Associated Masters: TES (Toxicology-Environment-Health), SGE (Environmental Engineering, UPD, UPEC). – Associated Doctoral School: Science, Engineering and Environment (SIE – UPEC).

*All candidates must fill out a formal application, including:*

- 📁 Curriculum Vitae
- 📁 Academic transcript (two last years)
- 📁 A Ph.D. project including the following topics: problematic, literature review, Ph.D. originality, relevance within the **LIVE pillar (Health Economics & Public Health)** of candidacy and the transdisciplinary dimension; methodology, references (up to 5 pages). The project must be validated by the supervisor affiliated with a EUR-LIVE research unit or hosting laboratory, before submission. For further information please contact the heads of the pillar **Health Economics & Public Health**.

An email acknowledging receipt of your application will be sent to you. If you do not receive an email that acknowledges receipt of your application, please contact [eur-live@u-pec.fr](mailto:eur-live@u-pec.fr)

Since the selection will begin shortly after the deadline for applications, you are encouraged to make any necessary verifications in the week following that date.

#### *Contact & application submissions:*

##### **Health Economics and Public Health:**

Prof. Thomas BARNAY, MSc, PhD (ERUDITE)

Prof. Florence CANOUI-POITRINE, MD, PhD (IMRB U955 – INSERM)

[barnay@u-pec.fr](mailto:barnay@u-pec.fr)

[florence.canoui-poitrine@aphp.fr](mailto:florence.canoui-poitrine@aphp.fr)

### **3) Grant's Calendar**

Submissions open:	<b>May 7<sup>th</sup>, 2021</b>
Deadline for applications:	<b>June 8<sup>th</sup>, 2021</b>
Decisions on acceptance:	<b>July 2021</b>
Start of Ph.D.:	<b>October 2021</b>

The examination takes place in two steps: a selection based upon application and an interview (only shortlisted candidates). Selected candidates for interview will be notified by e-mail.