

## Call for a Doctoral Scholarship in Health & Environment (2022-2025)

### 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 4 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 & Environment:** air, water and soil quality, environmental hazards, pollution, contaminants and toxins and their impact on health.
- **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 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.

### 2) LIVE Excellence Scholarship – PhD level

Doctoral grants are allocated by the UPEC (*Université Paris-Est Créteil*) for 3 years from October 2022 to September 2025 for motivated applicants eager to work on **Vulnerability in Health & Environment** with a **transdisciplinary approach**.

*Eligibility and Selection Criteria for applying Health & Environment pillar:*

- Master's degree with high skills in environmental sciences, biology or health sciences.
- Candidate's excellence:
  - ☞ **A research project written in English focus on Vulnerability in Health** (social and spatial environmental inequalities, vulnerable population, in an international comparative or specific approach). The research subject proposed must clearly show the relevance within the **LIVE** pillar of candidacy and the transdisciplinary dimension. Please contact [isabelle.coll@u-pec.fr](mailto:isabelle.coll@u-pec.fr) to get information about the possible research subjects.
  - ☞ Interest for pluridisciplinary approach (e.g., Economics and Epidemiology)
  - ☞ Excellent skills in Sciences – either environmental, biology or medical sciences
  - ☞ Proficiency in statistics, data science would be a plus
  - ☞ 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

**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 & Environment**.

☞ **Health & Environment:** Associated Masters: TES (Toxicology-Environment-Health), AIR-SGE (Environmental Engineering, UPD, UPEC). Associated Doctoral School: Science, Engineering and Environment (SIE – UPEC).

☞ **Health & Biology:** Associated Masters: Anti -infectious immunity and vaccine; biotherapies: tissue, cell, gene (BTCG). Associated Doctoral School: Life and Health Sciences (SVS – UPEC)

☞ **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).

*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 & Environment)** of candidacy and the transdisciplinary dimension; methodology, references (up to 5 pages). The project must be validated by the supervisor affiliated within a EUR-LIVE research unit or hosting laboratory, before submission. For further information, please contact the head of the pillar **Health & Environment**.

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 & Environment pillar:**

Prof. Isabelle Coll, MSc, PhD

Unit Research: LISA UMR 7583

Prof. Geneviève Derumeaux, MD, PhD

Unit Research: IMRB U955 - INSERM

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

[genevieve.derumeaux@inserm.fr](mailto:genevieve.derumeaux@inserm.fr)

### 3) Grant's Calendar

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Submissions open:	<b>April 5<sup>th</sup>, 2022</b>
Deadline for applications:	<b>May 16<sup>th</sup>, 2022</b>
Decisions on acceptance:	<b>July 2022</b>
Start of Ph.D.:	<b>October 2022</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.