

POST DOCTORATE POSITION

Position to be filled from September 1st, 2024.

Deadline for applications: 31/01/2024.

The Centre for Research in Economics and Statistics (CREST) is a French scientific research institution specialising in quantitative methods applied to the social sciences.

CREST is a joint interdisciplinary unit made up of researchers and teachers from the CNRS, GENES and the economics department of École polytechnique. Its activities are physically located in the ENSAE Paris building on the Palaiseau campus of Institut Polytechnique de Paris and on the Ker-Lann campus of ENSAI Rennes.

CREST's common culture is characterised by a strong commitment to quantitative methods, mathematical modelling and the interplay between models and empirical facts in order to analyse economic and social problems. The laboratory's main areas of research are economics, finance, statistics, actuarial sciences, and sociology.

One of the main challenges of the laboratory's scientific production project is the national and international promotion of its activities.

For more information, please visit the CREST website: <https://crest.science>

Description of the position: Postdoctoral Researcher

We are seeking outstanding researchers to work in the areas of Gender, Work-Family, and Social Inequalities with Professor Léa Pessin.

The postdoctoral researcher(s) will work in the European Research Council funded project **WeEqualize (Project 101117327 – WeEqualize – ERC-2023-StG)**: Social Inequalities in Work-Family Strategies Within and Across 24 Industrialized Countries (<https://crest.science/erc-grants/weequalize/>), led by Léa Pessin (Principal Investigator).

WeEqualize will address the intertwined implications of the gender revolution—including changing gender beliefs, rising labor market insecurity, and the increasing retreat from partnerships—in shaping social inequalities in work-family strategies among different-sex couples across 24 countries from the 1960s to nowadays. WeEqualize proposes a new theoretical framework to identify and disentangle the distinct and changing drivers of work-family strategies by couples' education and across 24 industrialized countries. This framework will identify barriers and solutions to gender inequality within partnerships. The postdoctoral researcher will contribute to the aims of the project that employ and harmonizes time-diary data and longitudinal surveys as well as advanced statistics methods (e.g. latent-class analysis, relative density approach, demographic microsimulation methods, etc.).

The postdoctoral researcher(s) will engage in high-quality independent research within the scope of the project. They will be expected to present research at international conferences (PAA, EPC, ASA, ECSR, RC28, WFRN, etc.) and to publish articles in top peer-reviewed journals in sociology, demography, and

related disciplines. They will also be expected to participate in the academic life of the sociology group at CREST

Profile & skills:

Essential:

- PhD in sociology, demography, or another relevant discipline by start date;
- Strong skills in quantitative research methods;
- Strong programming skills in either R or Stata.
- Experience using time-use data or other large-scale survey data;
- Strong communication skills and the ability to work both independently and in international teams;
- Excellent communication skills in English;
- Experience presenting at international conferences;
- Outstanding promise as a scholar in the field.

Desirable

- Experience harmonizing cross-national data;
- Experience working with specific longitudinal data (HILDA, SOEP, KHPS/JHPS, KLIPS, BHPS/UKHLS, PSID);
- Experience working with MTUS and EATUS;
- Experience working with cross-national surveys (ESS, GGP, ISSP)
- Experience with latent-class analysis
- Experience with demographic microsimulations
- Familiarity with the work-family literature and the gender division of labor literature.

Terms and conditions of the position:

Location: Palaiseau, ENSAE Paris, École polytechnique campus

Contract type: Fixed term for 24 months, and extendable to a further 12 months.

Competitive salary

Working hours: full-time (35h/week)

Teleworking: to be discussed

Funding to attend international conferences and for open-access publications

The position has no citizenship requirement

Contact:

Applications (CV, cover letter, statement of research interests – including the applicant's research background, future research agenda and how this relates to the WeEqualize project, a writing sample, and the names of 3 referees willing to provide a reference) must be sent by email to the Principal Investigator (PI) of the project to the following address: erc.crest@ensae.fr

Interested applicants are encouraged to ask for a more detailed project description by contacting Léa Pessin (principal investigator): lea.pessin@ensae.fr

All our positions are open to candidates with disabilities.