



Job offer: Postdoctoral Position in Applied Statistics in Social and Human Sciences at École Normale Supérieure de Rennes (ENS)

About ENS Rennes

École Normale Supérieure de Rennes (ENS Rennes) is a prestigious public institution of higher education and research, renowned as one of the major French Grandes Ecoles. We specialize in educating the next generation of researchers and leaders in a variety of disciplines, including economics, law, management, computer science and telecommunications, mathematics, mechatronics, and sport sciences and physical education.

Location

École normale supérieure de Rennes, Campus Ker Lann, Bruz (Near Rennes, France).

Position overview

The Department of Sport Sciences and Physical Education of the ENS Rennes is seeking a motivated **postdoctoral researcher** in Data Science to join the **Youth Health From a Holistic Perspective (YEAH!)** project, funded by the HORIZON research and innovation actions program.

The YEAH! project aims to co-create an innovative intervention using digital solutions to promote social interactions that empower children and adolescents to make lifestyle choices that benefit their health and well-being. The intervention will be both **personalized** and designed to **reach a large proportion of children and adolescents** in the EU.

We are seeking a researcher with strong data analysis skills to conduct hypothesis- and data-driven analyses focused on identifying **socio-environmental, interpersonal, and individual determinants** of youth health behaviors.

The successful candidate will work under the supervision of Professor Boris Cheval and collaborate with other Horizon researchers specializing in large-scale data analysis.

Key responsibilities

- Lead the development of Work Package 1 (WP1) for the YEAH!, focusing on analysis of exposome-related cohort data in children and adolescents.
- Perform statistical analyses linking socio-environmental, interpersonal, and individual exposures to health behaviors and outcomes.
- Write and publish scientific papers based on the findings.
- Present research progress at international conferences and consortium meetings.
- Contribute to the Horizon report for WP1.

Required qualifications

- Ph.D. in data science, biostatistics, bioinformatics, mathematics, physics, or a related field; or a Ph.D. in the biomedical or social sciences with significant expertise in data analysis.
- Proficiency in the management and analysis of epidemiologic data.
- Experience with complex statistical analysis, with advanced skills in R.
- Strong writing and communication skills in English.

Desired Skills

- Ability to work independently as well as a team player.
- Strong organizational and problem-solving skills.
- A proactive mindset with a willingness to take initiative.
- Strong verbal and written communication skills.
- Flexibility to adapt to changing project needs.

Working Conditions

- Duration: 2 years
- Starting date: January 2025
- Contract: Full time, fixed-term contract.
- Salary Range: Competitive, based on qualifications and experiences

Application Process

To apply, please send your CV and a cover letter detailing your research interests and experience to boris.cheval@ens-rennes.fr. Applications will be reviewed on a rolling basis until the position is filled.

We encourage applicants from diverse backgrounds, including but not limited to gender, race, ethnicity, religion, age, sexual orientation, physical ability, and political views.

Selection process

There are two stages to the selection process:

1. **Technical Interview:** An interview with the research team to assess skills and qualifications.
2. **Final Interview:** A meeting with HR to finalize the candidate selection and discuss contract terms.

For further information, please contact boris.cheval@ens-rennes.fr.