



VACANCY NOTICE – 2023-GEE-F7-FGIV-022816

CA FGIV - Project Officer - computational statistician

Type of contract	Member of the European Commission's contract staff, Function Group IV (article 3b of the Conditions of Employment of Other Servants)
Duration of contract	36 months (renewable up to maximum 6 years)
Area	Field of Work: <i>Computational Statistics</i>
Place of employment	Geel (BE)
Indicative basic salary	3877,47 - 5616,29 € (applicable as of 1 st of July 2022) For more detailed information please consult: Working Conditions

WE ARE

The [Joint Research Centre \(JRC\)](#) provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.

The current vacancy is with the Digital Health Unit of the Health & Food Directorate in Geel (Belgium) within the group working on infectious disease epidemiology and modelling. The mission of the Digital Health Unit is to support prevention, preparedness and response to (one) health burdens and threats through data science and digital transformation.

We offer:

The successful candidate will work in a multidisciplinary setting of JRC staff and external collaborators. He/she will contribute to two or more of the above mentioned topics. The position offers an excellent opportunity to acquire experience and develop skills in working with complex epidemiological data on interesting research topics, working in a highly productive team of scientists, helping to improve health in EU through high impact research.

WE PROPOSE

The JRC is now looking for a Computational Statistician/Epidemiologist to work on: (a) the assessment and improvement of approaches to integrating indicator-based and event-based surveillance systems for early warning of emerging epidemics and (b) retrieving data from diverse sources, transforming these in the appropriate formats, and developing statistical models to estimate the geographical distribution of risks of emergence of pathogens.

The project focuses on the dynamics and control of vector-borne and respiratory infectious diseases. The aim is to develop a framework for early warning based on methods that analyse data derived from indicator and event-based surveillance sources and to map the risk of pathogen emergence across different parts of the EU.



WE LOOK FOR

We are looking for a colleague who:

- obtained a doctoral degree (PhD) in statistics/biostatistics, computer science, statistical epidemiology, molecular epidemiology, applied mathematics or other relevant disciplines, or alternatively completed university studies of at least three years attested by a diploma in combination with at least five years of professional experience in a field relevant to the position;
- has a strong quantitative background with robust statistical and computational skills;
- demonstrated ability to conduct research utilising and manipulating large data sets;
- is proficient in Python, R, Matlab or other;
- has an excellent knowledge of written and spoken English (level C1);
- is able to work autonomously and as part of a team;
- can communicate scientific concepts in writing or orally.

Assets are:

- a good research and publication record;
- knowledge and use of spatial statistics;
- demonstrated ability in the management of large data sets, including data retrieval, transformations and analysis;
- experience in the areas of infectious disease epidemiology, molecular epidemiology, surveillance of infections, spatial epidemiology, phylogenetics, phylogeography and pathogen emergence;
- work in international research teams and multidisciplinary fields.

Interested candidates should provide a CV and a cover letter. In the list of publications accompanying the CV, please highlight the three most relevant publications. Two contact points for references will also be needed.

HOW TO APPLY

If you are **already on a valid CAST FG IV reserve list**, or you **have already applied to one of the calls below**, you can directly submit your application at <http://recruitment.jrc.ec.europa.eu/?type=AX>.

If not, before applying to this position, **you must register** for one of the two following Calls:

- the [Call for Expressions of Interest | EU Careers \(europa.eu\)](#) (CAST Permanent FG IV), which is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), or
- the [specialised call for researchers](#) (JRC Call COM/1/2015/GFIV – Research), which is mainly used by the JRC.

Note that each of the calls above has **different minimum eligibility requirements and different selection tests**.

The JRC cultivates a workplace based on respect for other people and the environment, and embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.