



EUROPEAN HEALTH DATA & EVIDENCE NETWORK

EHDEN
Foundation

Job description and selection criteria

Job title	Researcher in Real World Evidence Epidemiologist
Location	Online work from Europe
Annual salary	€45,000 to €75,000 per annum, depending on experience and qualifications
Hours	Full time or Part-time
Contract type	Fixed-term for 2 years
Reporting to	EHDEN Foundation Board
Vacancy reference	25/001

Research topic	Real World Evidence and Epidemiology
EHDEN Foundation web site	See website www.ehden.eu
Technical skills	Medical Statistics Epidemiology Pharmacoepidemiology Real World Evidence

Send your CV to enquiries@ehden.eu

Overview of the role

The EHDEN Foundation has been set up as a non-for-profit entity, originated from the European Health Data and Evidence Network (EHDEN) project, designed to facilitate the generation of reliable and reproducible Real-World Evidence (RWE) across the EHDEN Data Partners Network by leveraging the OMOP Common Data Model and related open source analytical tools and packages. The EHDEN Foundation also participates in projects funded by the European Commission.

As a **Real World Evidence Epidemiologist**, you will work with sponsors and collaborators to:

- a) Liaise and interact with potential clients, sponsors, and research collaborators interested in conducting RWE studies across the EHDEN Network
- b) Design and manage (under the EHDEN Foundation Board supervision) RWE studies using real world data from electronic health records, health claims, and registries
- b) Plan and conduct analyses on the descriptive epidemiology of various conditions using standardised procedures and pipelines executed across the EHDEN network of Data Partners
- d) Contribute to the development, maintenance, improvement, and validation of computable phenotypes for the identification of specific cohorts executable across the EHDEN network

Primary responsibilities/duties

1. You will be responsible to **lead on the design, planning, and management of RWE analyses** and studies across the EHDEN network
2. You will **liaise and interact with potential sponsors and collaborators to provide advise and to explore the feasibility of RWE studies** in the EHDEN network coordinate execution of services and report on intermediate and final results.
3. You will **lead on the writing of study documentation, protocols, analysis plans, and any other documents** needed to facilitate the planning and execution of federated studies in the EHDEN network
4. You will **work and interact with the EHDEN Data Partners** to explore the feasibility of conducting studies in their data, and to understand their needs, governance, and capabilities
5. You will **use analytical tools (typically R packages) to execute pre-specified analyses** across the EHDEN network under the supervision of the EHDEN Foundation board or of other colleagues in the team
6. You will **lead the preparation, submission, revision, and (where applicable) dissemination of reports, abstracts, and manuscripts based on RWE research**. We will expect you to have previous evidence of this in the form of scientific publications and/or reports available in the public domain

Additional duties

7. To be **proactive in organising and prioritising workload**, managing own time effectively, highlighting problems as they arise and proposing possible solutions within available resources

8. Maintaining **effective communication** with members of the EHDEN Foundation, research collaborators, Data Partners, and staff working in other collaborating centres as required
9. To give **presentations to multidisciplinary groups and attend local, national and international conferences** for the purpose of client engagement and disseminating research results
10. **Managing own workload** to ensure optimal support to studies and working flexibly in the team to make the best use of time

Necessary knowledge and skills

1. You will require **expertise in epidemiology AND/OR biostatistics AND/OR pharmaco-epidemiology AND/OR causal inference methods**. Typically this will be demonstrated by having a postgraduate degree in a related field, or by having published evidence of work in this area
2. You will have **experience in running analyses using existing R packages/pipelines**. Ideally, you will have led or participated in federated studies using the OMOP common data model
3. You will be **able to manage research and administrative activities** related to the planning and execution of RWE studies in Europe
4. You will **be able to speak, communicate, and write fluent English, particularly in your scientific area of expertise**. Ideally, you will speak at least one additional official language of the European Union.
5. You will have **experience working collaboratively with industry, regulators, and academic partners**. Ideally, you will have experience of such work across multiple countries and regions.

Selection criteria

Essential

- **A relevant post-graduate degree in Epidemiology, Biostatistics, RWE, or a related field.** In the absence of this, you should have evidence of experience working in any of these fields.
- **Experience in epidemiology, biostatistics and/or RWE**
- **Experience working with electronic medical records/routinely collected/real world data**
- **Experience in conducting simple statistical analyses, preferably in R**
- **Experience in writing scientific documents, e.g. study reports, manuscripts**
- **Ability to demonstrate practical use of information technology systems**
- **Ability to work within multi-disciplinary teams and independently**
- **Self-motivated with proven organizational and time management skills**
- **Ability to communicate well (both verbally and in writing) in English** with people from diverse disciplines
- **Demonstrate an ability to follow departmental guidance in handling sensitive and personal information,** including complying with current data protection legislation

Desirable

- **Experience in the planning, analysis or interpretation of RWE studies using OMOP-mapped data**
- **Experience in generating and/or validating computable phenotypes**
- **Expertise in pharmaco-epidemiology or causal inference methods**