

Position Offered: PREDOCTORAL RESEARCHER

Project: *Strengthening SILICE: advanced indicators and new functionalities*

Technological and scientific fields: Data analysis and integration

Location: Córdoba, Andalusia, Institute for Advanced Social Studies (IESA), www.iesa.csic.es

Research Group/PI: Innovation sociology, José Luis Ortega, www.uco.es/uco-csic-innovacion/en/home-en/

PROJECT SUMMARY

This project is framed on the need of developing open applications that support Open Science policies (National Open Science Strategy, Barcelona Declaration). SILICE (silice.csic.es) (Sistema de Información sobre Literatura Científica Española) aims to describe the Spanish research production (publications, authors, organizations) exclusively from open sources (ORCID, Crossref, OpenAlex, ROR). In this way, the main objective of this project is to progress SILICE web application developing scholarly profiles by users, adding new and rigorous quality indicators about research activity, a monitoring dashboard and a sign in service. To do this, the project foresees a massive data download from the selected sources and the processing of these data (MySQL, OpenRefine, R Studio) addressed to design and built research indicators.

PROFESSIONAL PROFILE

Minimum requirements:

Bachelor's degree

Knowledge in English language (writing, reading)

Merits to be considered:

Academic training in Information Science or Sociology.

Any research experience is welcome (articles, book chapters, conferences, projects, etc.).

Knowledge on Data Science (Python, R, OpenRefine, etc.).

Knowledge on Statistics

WHAT IS OFFERED

This position provides a only opportunity to develop a scientific career in one of the leading CSIC research groups working in the study of research production, sociology of science and bibliometrics. As novel researchers, he/she would carried out a PhD dissertation about the principal research lines of the group such as bibliometric indicators, correction of science through research publications, and editorial control of the publishing system. In addition, he/she would collaborate in other studies performed by the group, taking part in articles, projects and attending conferences. A key element is the training, offering:

- Master's degree (60 ECTS) in data science.
- Three months research stay in a national or international research centre.
- Attending CSIC internal training courses.

Contract conditions:

Predocctoral Researcher contract of 4 years' duration. Gross annual salary of 23,871.33 €.

Start of contract: before 31 December 2024

PRINCIPAL INVESTIGATOR CONTACT

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