

TEMPLATE FOR ADVERTISING RESEARCH POSTS

based on indications given by par. 4.4.1 of the

"Report of the Working Group of the Steering Group of Human Resources Management under the European Research Area on Open, Transparent and Merit-based Recruitment of Researchers"

Recruiting Department/Research Unit: Department of Education, Cultural Heritage and Tourism

Title: E-Hand. Empowering middle childhood Handwriting

Offer description - *Funded by the European Union – Next Generation EU – PNRR mission 4, component 2, investment 1.1*

The project makes use of technologies for the monitoring and training of handwriting performance, to support the correct development of pupils' handwriting skills and the early detection and correction of dysgraphia. Numerous tools enable handwriting on digital media, e.g. touchscreens, graphic tablets and pens, but none really ensure the replication of the handwriting experience. Starting from these considerations, the proposed research aims at exploring innovative tools equipped with proper sensing technologies to monitor the writing process, studying the evolution of writing in children aged 5-7 years and the interaction among motivational and emotional aspects by multimodal learning analytics and data mining (collection and analysis of knowledge traces, risk indicators in the evolution of writing, emotional states, movements and postures, etc.). To this end, the project aims to develop and test new teaching aids to improve writing, intervene at an early stage for possible dysgraphia issues and finally support learners with disadvantaged backgrounds and contexts.

Researcher career profile:

- *R1 First Stage Researcher (up to the completion of PhD)*

For further details <https://euraxess.ec.europa.eu/europe/career-development/training-researchers/research-profiles-descriptors>

Location: Macerata, Italy

Type of contract:

- *temporary*

Job status

- *full time*

Expected start date and duration of the contract: 12 (twelve) months. The exact start date will be provided at the end of the selection process.

Annual gross salary: € 19.367,00

Selection criteria: Master's Degree in Education / Psychology / Sociology / Human Science

Preferential selection criteria:

1. PhD in the same field is an advantage;

2. Scientific publications relevant to the research programme;
3. Good knowledge of the English language;
4. National and international mobility programmes for scientific activities;
5. Any further extra-academic experience will be evaluated if relevant to the research programme.

Application deadline: 05/11/2023, 1 p.m.

Full details are available at: <https://www.unimc.it/it/ateneo/bandi-e-concorsi/finanziamenti-ricerca/bandi-assegni-ricerca>

Enquiries can be made to Ufficio Ricerca Scientifica e Dottorato – ufficio.ricerca@unimc.it

DISCLAIMERS

- The University of Macerata has adopted an OTM-R (Open, Transparent and merit-based Recruitment) policy within the framework of its Human Resources Strategy for Researchers; see <https://www.unimc.it/it/ricerca/hrs4r/la-policy-otm-r-open-transparent-and-merit-based-recruitment-of-researchers>
- The University of Macerata pursues an equal opportunities and diversity policy as well. Among facilities, a kindergarten is available for university's employees. Specific facilities and services are also dedicated to employees with disabilities (transportation services, specific technologies for studying).