

## EXPRESSION OF INTEREST – CANDIDATE FOR PF GLOBAL

### Researcher Profile:

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**Name and Surname:** Diego Gudiño Zahinos

**Position:** Secondary and Vocational Education Teacher / Postdoctoral Researcher

**Department/Unit/Centre:** PhD Programme in Innovation in Teacher Training, Educational Practice Analysis and ICT in Education, Faculty of Education Sciences, University of Extremadura (Spain)

**a) Describe your qualifications and experience.**

I hold a PhD in Education from the University of Extremadura within the PhD Programme in Innovation in Teacher Training, Educational Practice Analysis and ICT in Education. My doctoral research focused on peer assessment through social media in higher education, analysing how digital technologies can enhance assessment processes, oral communication skills, student engagement, and innovative teaching methodologies.

My academic and professional profile combines educational research with extensive practical experience in secondary education and vocational training. This dual perspective allows me to conduct applied research strongly connected to authentic educational environments and real teaching challenges.

My research and professional career have been developed in the field of educational technology, teaching innovation, and the use of digital tools applied to teaching and learning processes. I am particularly interested in exploring how Generative Artificial Intelligence can support educational assessment processes, peer assessment, and teacher professional development in secondary and vocational education contexts.

My doctoral research has resulted in several scientific contributions, including publications in indexed international journals such as:

- Gudiño, D., Fernández-Sánchez, M. J., Becerra-Traver, M. T., & Sánchez, S. (2022). *Social Media and the Pandemic: Consumption Habits of the Spanish Population before and during the COVID-19 Lockdown*. *Sustainability*, 14(9), 5490. <https://doi.org/10.3390/su14095490> (Q2 JCR/SJR)
- Gudiño, D., Fernández-Sánchez, M. J., Becerra-Traver, M. T., & Sánchez-Herrera, S. (2024). *University Students' Perceptions of Peer Assessment in Oral Presentations*. *Education Sciences*, 14(3), 221. <https://doi.org/10.3390/educsci14030221> (Q1 JCR/SJR)

In addition, I have contributed to several book chapters focused on educational innovation, multimedia learning, digital transformation, peer assessment, and technology-enhanced education, published by academic publishers such as Dykinson and Egregius.

I have actively participated in national and international conferences related to Educational Technology and Innovation in Education, presenting research on topics such as social media in education, multimedia integration, peer assessment through digital platforms, digital teaching innovation, and educational video methodologies. These contributions include participation in international scientific events such as the International Congress on Educational Innovation, JUTE – Jornadas Universitarias de

Tecnología Educativa, CIMIE – Congreso Internacional Multidisciplinar de Investigación Educativa, and other specialised conferences in educational technology and innovation.

Regarding research and innovation projects, I participated in the university teaching innovation project *“E-learning. Chroma Key y otras propuestas para mejorar el proceso de enseñanza-aprendizaje”* funded by the University of Extremadura Teaching Innovation Service (2019–2020), focused on multimedia learning and digital teaching methodologies.

Throughout my professional career, I have also delivered numerous teacher training courses and workshops organised by the University of Extremadura, teacher training centres, and educational institutions. These training activities focused on educational technology, multimedia learning, digital competence, online teaching methodologies, presentation tools, video creation and AI-supported educational resources.

My professional and research trajectory has enabled collaboration with multidisciplinary educational research teams focused on educational technology, teacher training, innovation in higher education, and digital transformation in learning environments.

Through the MSCA-PF Global Fellowship, I aim to strengthen my international research profile by collaborating with leading research groups in Educational Technology, Artificial Intelligence in Education, Digital Assessment, and Teacher Digital Competence. My objective is to acquire advanced research methodologies, establish long-term international collaborations, and contribute to the transfer of innovative educational practices between institutions and educational systems.

In addition to scientific and technical expertise, I can contribute strong practical knowledge of educational implementation, communication skills, teacher training experience, project coordination capacities, and a solid understanding of the challenges associated with digital transformation in real educational contexts.

- b)** Show your level of independence and demonstrated capacity for leading projects, for example by securing funding, and mentoring students.

My doctoral research involved the independent design, implementation, and analysis of multiple research studies related to digital assessment methodologies and educational innovation. Throughout my professional career, I have demonstrated autonomy in developing educational initiatives, coordinating training activities, and implementing digital innovation projects within educational institutions.

I have experience designing and delivering training programmes for teachers focused on educational technology, digital competence, multimedia learning, and artificial intelligence applications in education. Furthermore, I have actively participated in academic dissemination activities, conferences, and collaborative educational projects related to digital transformation and innovation in teaching and learning processes.

My professional trajectory reflects a strong capacity for self-directed work, interdisciplinary collaboration, and applied educational research connected to authentic teaching environments. I am highly motivated to continue developing an international and interdisciplinary research career through collaborative projects with institutions of excellence.

## **Project idea, if any (scientific requirements, topic, discipline):**

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My preliminary research proposal focuses on the integration of Generative Artificial Intelligence into educational assessment processes and the development of teacher digital competence in secondary and vocational education contexts.

Potential research lines include:

- Generative AI-supported assessment and feedback methodologies
- AI-enhanced peer assessment processes
- Teacher digital competence for responsible AI integration
- Ethical and pedagogical implications of Generative AI in education
- Digital wellbeing and responsible use of AI technologies in educational environments
- AI-assisted multimedia learning and educational content creation

The final project proposal will be collaboratively designed with the host institution and aligned with its research priorities, expertise, and international collaboration objectives.