

Alicia Rubio Sánchez

[CUNEF UNIVERSIDAD](#)
Almansa 101, 28040 Madrid Spain
alicia.rubio@cunef.edu
[CUNEF Website](#)
[Google Scholar](#)
[ORCID](#)

EMPLOYMENT

CUNEF Universidad. Assistant Professor. Department of Mathematics. (2021–Present)

- University teaching in Mathematics I and II
- Degree Programs: Economics, Business Administration and Management, and Business & Technology
- Pedagogical coordination of the subject Mathematics I

ESCUNI Centro Universitario de Educación. (2021–2025)

- Teaching in the Bachelor's Degree in Early Childhood Education and the Dual Degree in Early Childhood and Primary Education: *Development of Logical-Mathematical Thinking and its Didactics I and II*
- Teaching in the Bachelor's Degree in Pedagogy and in the Bachelor's Degree in Social Education: *Research Methodology*
- Supervision of Bachelor's Final Degree Projects in Early Childhood Education
- Evaluation of teaching practicums in Early Childhood Education

UNIE - Universidad de la Empresa. Faculty of Education (2024-2025)

- Supervision of Final Master's Projects for the Master's in Teacher Training, specializing in Mathematics

GSD Cooperative, Department of Mathematics. Inactive Member

- Teaching Mathematics for all levels of Secondary Education (Sciences and Social Sciences)
- Teaching New Technologies, Programming, and Robotics in Secondary Education

EDUCATION

- Bachelor's Degree in Mathematics Universidad Complutense de Madrid (UCM), 2015. Bachelor's Degree in Pedagogy (ongoing), (UNED)

- Master's Degree in Teacher Training – Specialization in Mathematics Universidad Complutense de Madrid (UCM), 2016
- Ph.D. in Cognitive and Educational Psychology (ongoing), (UNED)

FIELDS OF INTEREST

Mathematics Education, Mathematical Reasoning, Cognitive Psychology

PUBLICATIONS

Flores Guzmán, L., González García, E., Muñoz Clemente, C., & Rubio Sánchez, A. (2024). Generando conexiones interdisciplinares: El ECOedukit como propuesta didáctica en la formación docente. En P. Bonnin Arias, G. Lévéder, & L. Sanz Simón (Coords.), *Arte, innovación y educación: Nuevos paradigmas en las enseñanzas regladas* (pp. 371–390). Octaedro. ISBN 978-84-1183-638-8

Flores Guzmán, L., González, E., Muñoz Clemente, C., & Rubio Sánchez, A. (2023). Un proyecto de autorregulación y autoaprendizaje en la formación docente: Creación de dispositivos educativos. En B. Yáñez Martínez, L. López Méndez, & D. Zapatero Guillén (Coords.), *Arte y educación en contextos multidisciplinares* (pp. 537–553). Octaedro. ISBN 978-84-1170-305-5

SELECTED ACADEMIC HONOURS AND GRANTS

Erasmus at the University of Bristol, UK. Year 2013-2014

SELECTED PRESENTATIONS

Rubio-Sánchez, A., Gómez-Chacón, I., & Gómez-Veiga, I. (2023). *Creencias en matemáticas, inteligencia fluida y razonamiento geométrico*. En Actas del XXVI Congreso de la Sociedad Española de Investigación en Educación Matemática (SEIEM). Logroño, España.

Rubio-Sánchez, A., Gómez-Chacón, I., & Gómez-Veiga, I. (2023). *Geometrical reasoning and the influence of fluid intelligence over geometrical competence*. In Proceedings of the Thirteenth Congress of the European Society for Research in Mathematics Education (CERME13). Budapest, Hungary.

Rubio-Sánchez, A., Gómez-Chacón, I., & Gómez-Veiga, I. (2023). *Relationships among mathematics beliefs, fluid intelligence, cognitive reflection and mathematics achievement in secondary school students*. In Proceedings of the Thirteenth Congress of the European Society for Research in Mathematics Education (CERME13). Budapest, Hungary.