

Dr Flavia Santos | University College Dublin

General Biography

My expertise as a cognitive neuroscientist can support the Researchers in Residence Scheme (RiRS) initiative on several levels. For instance, I had been working in two other European countries before Ireland and have research collaborations worldwide. Being from a non-European country, I acquired a multi-ethnic and multi-cultural view of several aspects that impact learning and education. I also had the opportunity to learn about successful initiatives that may not have been explored in Ireland. It is crucial for me to engage with the Teaching Council as my research with children and undergraduate students aims to improve mathematics performance and reduce mathematics anxiety. Therefore, it is essential to be familiar with the principles and policies that guide the Teaching Council affairs. Understanding how Irish education systems work and their needs will help me to build research with the greatest potential to impact on the quality of the learning process. I recently received one of the 21 nationally funded projects by the Irish Research Council to develop 'The Arithmós Project' in Dublin schools to test the efficacy of a game-based learning intervention to improve mathematics learning and reduce mathematics anxiety in children. Moreover, I am a Director of the UCD MSc Disability, an active member of the UCD Childhood and Human Development Research Centre and the leader of the UCD Music and Math Cognition Lab.