



Marie Skłodowska-Curie
Actions



DCU Business School Dublin City University

Business School/Aviation is looking to host an experienced researcher via funding through Marie Skłodowska-Curie Postdoctoral Fellowships. In order to secure funding, the experienced researcher must develop a proposal with the host for the September 14th, 2022 deadline.

Organisation Description

DCU is a comparatively young but ambitious Irish university whose distinctive mission is to transform lives and societies through education, research, innovation and engagement. This is accomplished by discovering, analysing, expanding, and disseminating knowledge, by developing creative and critical thinking and by fostering skills and learning. DCU Business School is distinguished by achieving AACSB accreditation.

DCU Business School Aviation engages in research collaborations and activities locally, nationally and internationally, with academic colleagues and industry, so that its research appropriately impacts on its key stakeholders. DCU Business School offers two courses in Aviation. The BSc Aviation Management with Piloting Studies and the executive MSc Aviation Leadership. DCU Business School is recognised as a Registered Training Facility (RTF) by the Irish Aviation Authority (IAA) for the theoretical knowledge needed to acquire the Private Pilot's Licence (PPL). DCU Business School is also member of International Society of Transport Aircraft Trading Foundation (ISTAT Foundation).

Project idea and researcher opportunities

Research Field:

The environmental impact of air transport is one of the most significant challenges the industry faces. Aviation has become synonymous with high carbon emissions and global warming. Before the impact of COVID-19 drastically reduced air travel, aviation was responsible for 2 to 3% of global anthropogenic CO₂ emissions and it is expected that these numbers are to rise tenfold if aviation does not change its course while other industries do.

A number of climate change mitigation policies (e.g. Paris Agreement, the EU Emissions Trading Scheme and ICAO Carbon offsetting and Reduction Scheme for International Aviation) are currently implemented throughout the world and become an integrated part of the wider policymaking agenda. Several European governments to take measures to reduce the environmental footprint of the air transport industry through the implementation of additional taxes or bans on domestic flights below a given range.



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A significant and very promising area for research is sustainable aviation that offers opportunities for high-quality publications and impactful research. Research projects related to sustainable aviation are welcome.

Researcher Requirements

- The researcher must fulfil the MSCA-PF mobility¹ and should not be more than 8 years post PhD at the deadline of the call.
- Applicants should have a PhD in a relevant area of sustainability and/or aviation and demonstrate a promising track record of early research achievements.
- Knowledge of impact assessment methodologies and other quantitative methods is an advantage.

Application procedure

Please describe what documents (e.g. CV, letter of motivation) the applicant should send you

1. A short CV
2. A three-page research proposal outlining the research aim/objectives, methodology and publication plan.
3. A short statement with indication of why DCU would be the best host institution for your research project

Contact information

If you are interested in applying for a MSCA-PF with DCU Business School please email Dr Marina Efthymiou (marina.efthymiou@dcu.ie) and Dr Sumona Mukherjee (sumona.mukherjee@dcu) as early as possible.

¹ **Recruited researchers must comply with the following mobility rule:** they must not have resided or carried out their main activity (work, studies, etc.) in the country of the beneficiary (for European Postdoctoral Fellowships), or the host organisation for the outgoing phase (for Global Postdoctoral Fellowships) for more than 12 months in the 36 months immediately before the call deadline (<https://bit.ly/39QTUQg>). Furthermore, regarding Global Fellowships, applicants must be nationals, or long-term residents, of an EU Member State or Associated Country. (Long-term residents definition: a period of at least 5 consecutive years spent in an EU Member State or Associated Country, prior to the 14th September 2022).