

## Future Scoping and Challenge-Based Funding

### Award Autogenerated Code

10244-EI

### Region

Europe and Eurasia

### Country

Ireland

### Number of Grants

Approximately 2

### Stipend

Maximum Monthly stipend 4,400 dollars (currently). Note that the stipend will be paid in euros and the approximate USD amount reflects the current exchange rate. An additional 1,000 dollars maximum will be made available for dependents residing with the Scholar for the duration of their stay in Ireland. No extra financial assistance for travel and accommodation.

### Candidate Profile

Professionals

Academics, except early career

### Activity

Professional Project/Research

### Application Deadline

Tuesday, September 15, 2020

### Grant Activity

Candidates would be expected to collaborate with Science Foundation Ireland (SFI) officials in scoping of future technology areas and in the definition and validation of areas of interest for challenge-based and mission-oriented funding activities. Subject matter experts from a broad range of areas under the banner of 'Science, Technology, Engineering and Mathematics' (STEM), as well as experts in public policy as it pertains to STEM, will be considered.

Scholars will be involved in the scoping and design of novel initiatives to direct research activity towards pressing societal and technical challenges and thus drive the delivery of significant impact. Challenge-based funding models are an increasingly prevalent tool used by governments, philanthropists and other funders to drive research, development and innovation activities toward addressing significant societal and technical challenges. SFI is employing this approach where there is evidence for a strong underpinning role for cutting-edge science and engineering to contribute to addressing significant global challenges.

Scholar would be required to provide expertise and advice in a relevant scientific discipline area (including, but not limited to climate, sustainable development, food security, health and wellbeing etc.) in order to contribute to the selection and validation of the most compelling challenges where technology can play a role. We would also be interested in considering candidates with expertise in public policy as it pertains to STEM research, technological change and societal impact as part of the design of these SFI initiatives. Fulbright scholars will be hosted by SFI and will assist by immersing themselves in ongoing assignments related to future technology scoping and challenge-based funding.

Activities would include broad stakeholder engagement including the delivery of seminars, public talks, chairing of workshops, provision of expert advice on challenge criteria, assisting with the identification of international experts and engagement with the host community.

### Grant Length

6 to 9 months

### Grant Dates

September 2021 or January 2022 (flexible)

## **Locations**

Science Foundation Ireland <sup>[1]</sup> (SFI) is the national foundation in the Republic of Ireland with responsibility for funding oriented basic and applied research in the areas of science, technology, engineering and mathematics (STEM) with a strategic focus. SFI invests in academic researchers and research teams (in universities and institutes of technology) who are most likely to generate new knowledge, leading edge technologies and competitive enterprises in STEM fields. The Foundation also promotes and supports the study of, education in, and engagement with STEM and promotes an awareness and understanding of the value of STEM to society and, in particular, to the growth of the economy.

SFI makes grants based upon the merit review of distinguished scientists. SFI also advances co-operative efforts among education, government, and industry that support its fields of emphasis and promotes Ireland's ensuing achievements around the world.

SFI has a staff of approximately eighty people and its offices are based in Dublin, Ireland.

## **Science Foundation Ireland**

3 Park Place, Hatch Street, Dublin 2, Ireland

## **Flex Option**

No

## **Discipline Type**

Only applications in the following disciplines will be considered

## **Disciplines**

Computer Science

Engineering

Environmental Sciences

Mathematics

Medical Sciences

Nursing

Public Health

Public Policy

## **Areas of Interest**

Climate and Environmental Sciences, Food Sustainability; Data/Computer Science, Health Sciences; Public Policy for STEM areas.

## **Degree Requirements**

Ph.D. (or other terminal degree) required

## **Invitation Requirement**

A letter of invitation is preferred

## **Helpful Links**

<http://www.sfi.ie> <sup>[1]</sup>

## **Multi-Country/Area Award**

No

## **Grant Length Filter**

Six to 10 months

## **Invitation Requirement Additional Information**

E-mail: [lisa.higgins@sfi.ie](mailto:lisa.higgins@sfi.ie) <sup>[2]</sup>

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**Award Code**

11596-EI

**AddThis****Award Year**

[2021-2022 Awards](#) <sup>[4]</sup>

**Language Proficiency Requirements**

None, English is sufficient

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**Links**

[1] <http://www.sfi.ie>

[2] <mailto:lisa.higgins@sfi.ie>

[3] <http://www.sfi.ie/>

[4] <https://awards.cies.org/award-years/2021-2022-awards>