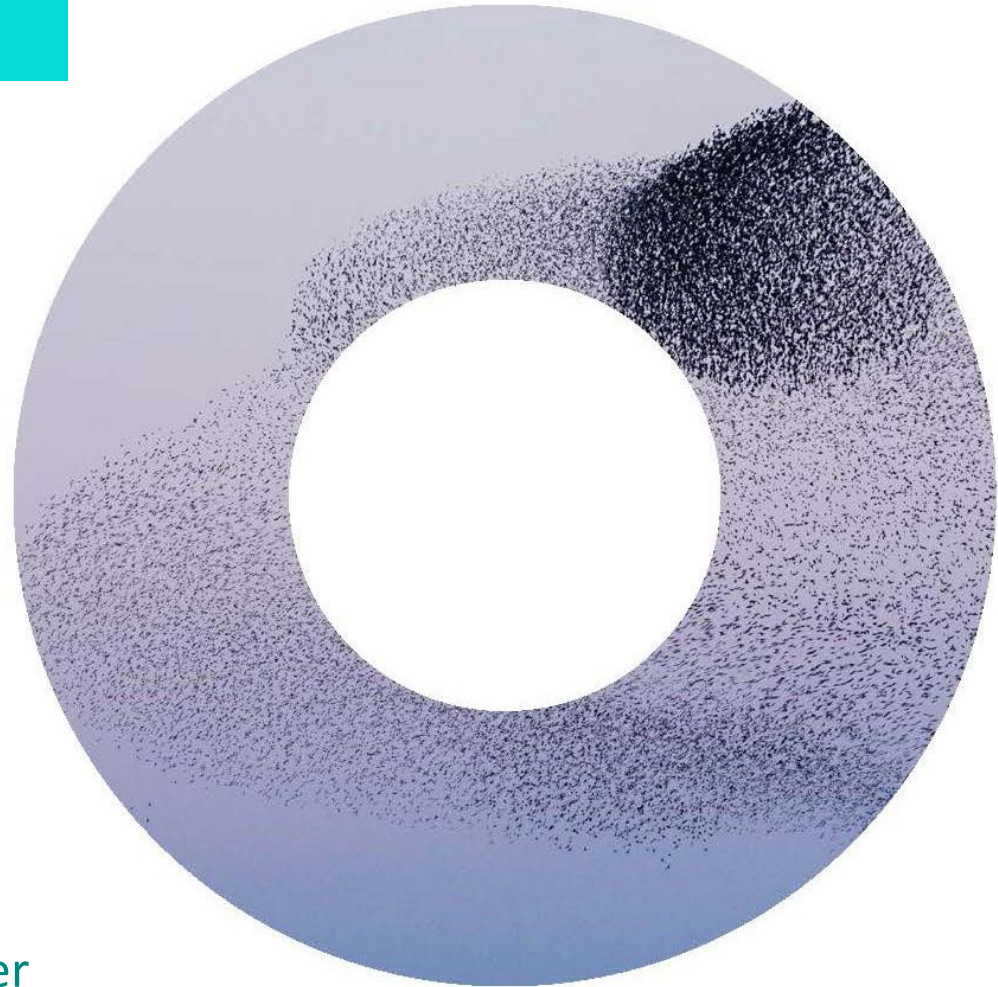# Open for collaboration
## SFI Industry Fellowships

**Dr. Suzanne Miller-Delaney**
Scientific Programme Manager
Enterprise Partnership Team

# Webinar instructions

- Short, one-way PowerPoint presentation with voiceover

- Presented by Dr Suzanne Miller-Delaney, Scientific Programme Manager, Enterprise Partnerships

- Questions will be answered at the end

- Submit questions by text on the GoToMeeting control panel – please be concise

- The link to the recording will be posted at: http://www.sfi.ie/funding/funding-calls/sfi-industry-fellowship-programme/

# Programme introduction

❑ **Purpose**

- to enhance ***industry-academia collaborations*** through the funding of <u>***collaborative***</u> ***industry-academia research projects***.

- to stimulate excellence through ***knowledge exchange & training*** of researchers.
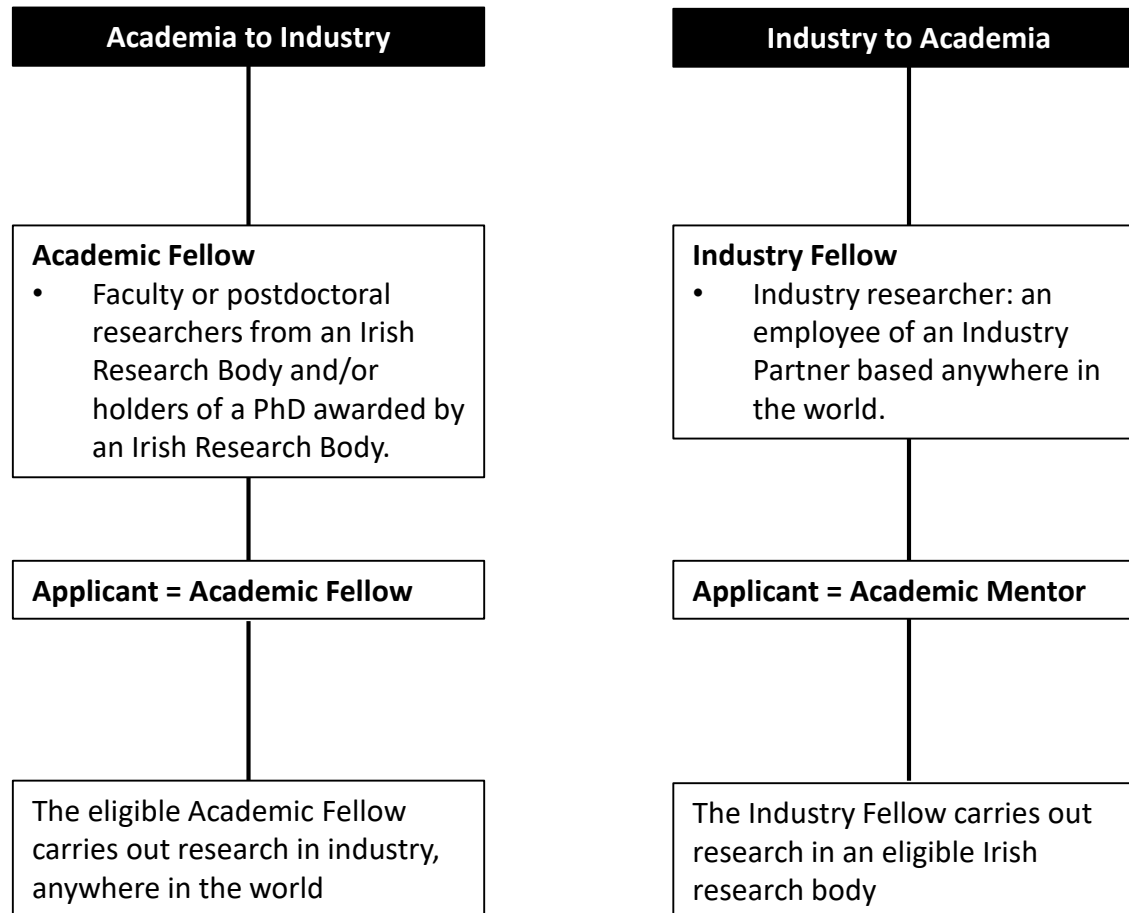
❑ **Structure**

- "Academia-to-Industry" Fellowships : staff & postdoctoral academic researchers

- "Industry-to-Academia" Fellowships: individuals from industry anywhere in the world spend time in an eligible Irish academic or research institution.

❑ **Funding: up to €100,000**

**2018 deadline**: 13:00, 23rd November 2018

# Programme introduction

| Academia to Industry | Industry to Academia |
|---|---|
| **Academic Fellow** <br> • Faculty or postdoctoral researchers from an Irish Research Body and/or holders of a PhD awarded by an Irish Research Body. | **Industry Fellow** <br> • Industry researcher: an employee of an Industry Partner based anywhere in the world. |
| **Applicant = Academic Fellow** | **Applicant = Academic Mentor** |
| The eligible Academic Fellow carries out research in industry, anywhere in the world | The Industry Fellow carries out research in an eligible Irish research body |

# General Definitions
## Duration

| Placement | The time spent by the Fellow working at the host (Industry Partner or Research Body) |
|---|---|
| Award Duration | The overall time between the beginning & the end of the Fellowship. |
| Time Commitment | The percentage time spent on Placement against the total Award Duration. |

# Duration

❑ **Award Duration**

- Full-time: 1 -12 mths
- Part-time: 2 - 24 mths

> *In both cases, the **Placement** duration <u>cannot</u> exceed **12 months***

❑ **SFI only funds the time spent in Placement**

e.g. for academia-to-industry part-time fellowships, postdoctoral researchers may only claim the salary associated with spending time on the Industry Partner's premises.

❑ **Earliest Predicted Start date:** April 2019 *at the very earliest*.

Successful applicants must start the fellowship within 6 mths of funding notification - in case of maternity leave or other exceptional, justified circumstances, the start date of the fellowship may be further delayed, subject to approval from SFI.

# Programme Remit

The Industry Fellowship programme funds *collaborative* industry-academia research projects aligned:

- with one of the 14 Research Priority Areas (2018 – 2023)

  <u>*OR*</u>

- to any other area under SFI's Legal remit where there is convincing evidence that there will be significant potential for economic &/or societal impact.

Please note the definition of STEM employed by SFI does not extend to the Humanities & Social Sciences.

**Legal Remit** - http://www.sfi.ie/about-us/about-sfi/what-we-do/

**Research Priority Areas** – https://dbei.gov.ie/en/Publications/Publication-files/Research-Priority-Areas-2018-to-2023.pdf

# Important Eligibility Criteria
## Industry Partners

❑ An **Industry Partner** must:

1. be a research-active company

2. be a private for-profit company located in Ireland or abroad

3. possess the appropriate independent infrastructure, revenue & staffing, to provide appropriate working conditions & training to prospective Fellows.

❑ Commercial semi-state companies such as the group of companies under CIE, EirGrid, ESB, etc. & their similar counterparts worldwide **_are_** eligible Industry Partners.

❑ Academic spinouts **_are_** eligible Industry Partners provided they meet all other eligibility criteria, including the disclosure of any potential conflicts of interest.

# Collaborative Research

Fellows **_must_** be located in the host Research Body or Industry host for the full placement duration of the fellowship

Collaborative Research should be thought of as of potential benefit to **_both industry & academia_** in the short, medium _or_ long-term.

# Intellectual Property

❑ Intellectual Property (IP) agreements between the Industry Partner & the Academic Partner's Research Body, are the responsibility of the Research Body & should comply with the National IP Protocol, 'Inspiring Partnership – the national IP Protocol 2016.'
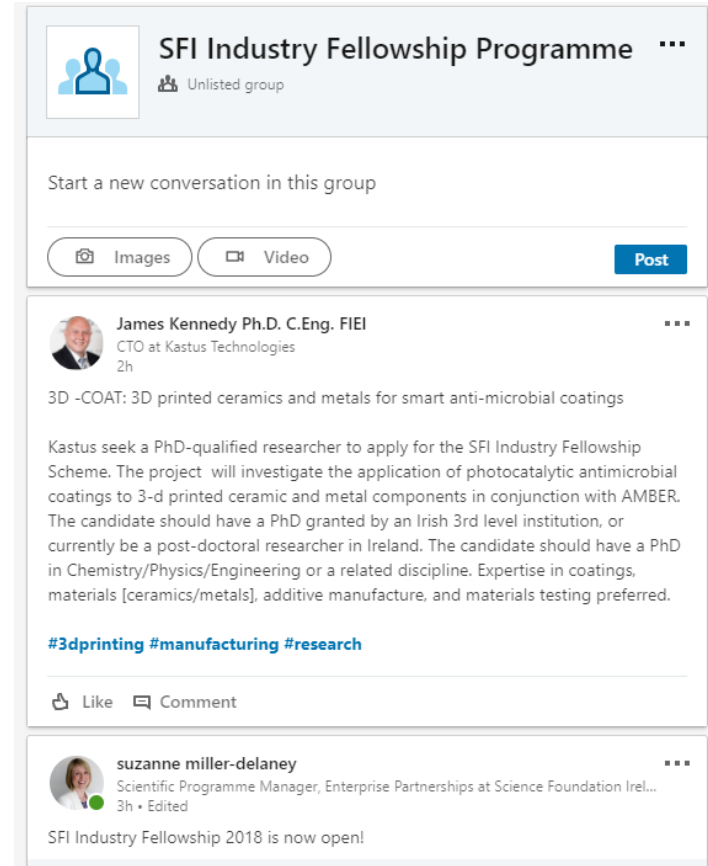
https://www.knowledgetransferireland.com/ManagingIP/KTI-Protocol-2016.pdf

❑ IP arrangements should reflect the collaborative nature of the project, the level of commitment of the Industry Partner & compliance with State Aid Regulations.

# Academia-to-Industry Fellowships

# Process for companies
## Academia-to-Industry Fellowships

1. Identify suitable candidate(s):

   • **SFI Industry Fellowship Group** on LinkedIn
   https://www.linkedin.com/groups/8201626

   • **Industry Development Managers** in Research Bodies/SFI Research Centres

   • **SFI Information & Networking Session**, 4ᵗʰ Oct 2018, Aviva Stadium.  Register at:
   https://www.eventbrite.ie/e/science-foundation-ireland-industry-fellowship-information-networking-event-tickets-49932457324

2. Define high-level project

3. Discuss IP with Research Body

4. Proposal preparation & submission (the Research Body of the Fellow submits the proposal)

# Important definitions
## Academia-to-Industry Fellowships

| | |
|---|---|
| **Academic Fellow / Applicant** | A faculty researcher or postdoctoral researcher currently working in an eligible Irish Research Body, or a postdoctoral researcher having held a research contract in an eligible Irish Research Body, or the holder of a PhD awarded by an Irish Research Body |
| **Faculty Researcher** | A researcher who is currently employed as an academic staff member of an eligible Irish Research Body (e.g. lecturers, associate & full professors), who are either permanent or temporary (contract of more than 2 years). |
| **Postdoctoral Researcher** | A researcher who holds a PhD at the time of application & who additionally holds, or has held, a postdoctoral research contract in an eligible Irish Research Body, or the holder of a PhD degree awarded by an eligible Irish Research Body. |
| **Industry Mentor** | An industry researcher/leader employed by an Industry Partner who will host an Academic Fellow. |

# Eligibility criteria
## Academia-to-Industry Fellowships

**Industry Mentors _must_** be a formal employee of an eligible Industry Partner.

Additionally:

❑ Academic employees currently seconded on Industry Partners' premises are _not_ eligible Industry Mentors.

❑ Industry employees seconded to Research Bodies, such as Researchers-in-Residence, are _not_ eligible Industry Mentors.

# Eligibility criteria
## Academia-to-Industry Fellowships

**Applicants _must_ be:**

- ❑ A permanent member of the academic staff ("Faculty researcher") of an eligible Irish Research Body

<div align="center">***OR***</div>

- ❑ A former or current contract Postdoctoral Researcher in an eligible Irish Research Body

<div align="center">***OR***</div>

- ❑ The holder of a PhD degree awarded by an eligible Irish Research Body.

**Applicants _can_ be:**

- ❑ An eligible postdoctoral researcher who is currently unemployed.

- ❑ An eligible postdoctoral researcher currently on a career break, wishing to return to full or part-time employment in a company.

# Eligibility criteria
## Academia-to-Industry Fellowships: Applicants

❑ The Applicant **_must_** hold a PhD at the time of application.

The official date is defined as the day, month & year that the degree was conferred, i.e. the month & year printed on the official PhD certificate.

❑ Only one Fellowship application per Applicant.

❑ Proposals are **_not_** accepted from Applicants who wish to be hosted in an organisation in which they have a financial interest or hold a decision-making role.

❑ Academic Fellows who have been successfully funded **_once_** through the Industry Fellowship programme **_are_** eligible to apply a second time **BUT** are **_not_** eligible to carry out the Placement with the **_same Industry Partner._**

**Note**: Industry employees, based in Ireland or abroad, are **_not_** eligible Applicants for Academia-to-Industry Fellowships.

# Academia-to-Industry Fellowships

## Category A & Category B Applicants

# Academia-to-Industry Fellowships
## Category A. Faculty Researcher

Applicants must:

1. be a member of the academic staff of an eligible Irish Research Body (permanent or with an active contract at the time of application)

2. hold a PhD or equivalent for at least 3 years by the submission deadline

3. be senior author on 3 international peer reviewed articles

4. have the experience, capability & authority to mentor & supervise

5. have the necessary research management experience (see call doc for examples)

6. have the necessary experience in the management of research staff.

**Note**: Fixed-term contract academic/faculty appointments, including full-time, fixed-term lecturing contracts of >2 years should apply under Category A. SFI will not support a Category A fellowship beyond the end date of current contract.

# Academia-to-Industry Fellowship
## Category B. Postdoctoral Researchers

**Category B** Applicants _**must**_ be:

1. A contract postdoctoral researcher currently working on a research, innovation or commercialisation award in an eligible Irish Research Body,

<div align="center">***OR***</div>

2. A previous contract postdoctoral researcher who has worked on a research, innovation or commercialisation award in an eligible Irish Research Body,

<div align="center">***OR***</div>

3. The holder of a PhD degree awarded by an eligible Irish Research Body, who is:

    i. Not eligible under Category A.

    ii. Not a current or previous contract postdoctoral researcher as per 1) & 2) above.

    iii. Not currently employed in industry, either in Ireland or abroad.

# Academia-to-Industry Fellowship
## Category B. Postdoctoral Researchers

❑ Eligible Academic Fellows **currently based in Ireland** may be hosted by an Industry Partner based **anywhere in the world** .

❑ Eligible Academic Fellows **currently working or residing outside of Ireland,** may _only_ be hosted at an Industry Partner based **in Ireland.**

❑ Eligible Academic Fellows who are employed under a Contract of Indefinite Duration _can_ apply.

❑ Applications _must_ be submitted through the prospective Research Body, & not the current one, if different.

❑ Applicants can only ever be awarded **2 Industry Fellowships.**

❑ **Individual fellows** (e.g. SFI SIRG, MSCA fellowships) _must_ apply under **Category B** & cannot apply earlier than one year before the end of their fellowship/contract.

# Academia-to-Industry Fellowships
## Funding

# Funding
## Academia-to-Industry Fellowships

> **Maximum SFI funding:  €100,000** direct costs to the **Research Body**

- Equipment, Materials & Subsistence are **_not_** eligible SFI costs under this programme.

- Additional funding (cash & in-kind) from the Industry Partner is not mandatory but is **_strongly encouraged_** - this information is likely to assist reviewers in their evaluation.

- All costs need to be sufficiently justified in the Budget Justification section. Should the justification be absent or insufficient, the required costs will not be granted by SFI.

http://www.sfi.ie/funding/sfi-policies-and-guidance/budget-finance-related-policies/

# Funding
## Academia-to-Industry Fellowships

☐ **Category A: Faculty Researcher**

Teaching buyout for the Placement duration of the award (for Fellowships of >3 months Placement duration only).

*Calculation of Teaching Buyout*: Teaching buyout costs should be calculated on the basis of hiring a temporary lecturer (e.g. at point 1 on the Assistant Lecturer/Below the bar salary scale, or equivalent for your Institution) regardless of the seniority of the Academic Partner applying to the Industry Fellowship Programme.

☐ **Category B: Postdoctoral Researcher**

Salary contribution: include justification from Research Body of current Salary as aligned to the SFI Salary Scale (Letter of Support) & apply for next point on the scale.

In the absence of this justification, salary will be determined by years of experience post-PhD.

# Funding
## Academia-to-Industry Fellowships

❑ **All Categories:** <u>Travel & accommodation</u> (Mobility Allowance) up to €10,000.

May include:

- Attendance at one relevant international conference to the level of €1,500. Funding can exceed this amount if fully specified & justified.

- Travel to & from the Mentor's organisation at the beginning & end of the Placement

- Accommodation costs related to relocation of the Fellow, where relevant & justified.

- One return trip per year for personal reasons in case of relocation, where appropriate & justified.

- Costs associated with one short visit (e.g. a few weeks) to a location relevant to the Fellowship, e.g. company's headquarters or parent company.

- Visa & health insurance costs related to relocation of the Fellow may be supported, where appropriate & justified.

# Example 1: Academia-to-Industry
## Full-Time Fellowship: Category B

❑ The holder of a PhD from University of Limerick, currently residing in Argentina, wishing to spend 12 months in Company Z, Limerick, Ireland.

**Academic Fellow=Applicant**: the PhD holder

**Industry Mentor**: an employee of Company Z

**Industry Partner**: Company Z

**Award Duration**: 12 months

**Placement Duration**: 12 months

**Time Commitment**: 100%

# Example 1: Academia-to-Industry
## Full-Time Fellowship: Category B

**Eligible SFI costs**: Postdoctoral researcher's salary for 12 months & travel & accommodation costs (Mobility Allowance).

**Potential industry contributions**: cash & in-kind, to cover, e.g. materials & consumables, training, mentor's time, access to equipment, subsistence, as relevant.

# Example 2: Academia-to-Industry
## Part-Time Fellowship: Category B

❑ A Postdoctoral Researcher from ITT wishing to spend 3 days/week in Company X, Dublin, over 12 months.

**Academic Fellow=Applicant**: the Postdoctoral Researcher

**Industry Mentor**: an employee of Company X

**Host Partner**: Company X

**Award Duration**: 12 months

**Placement**(approx.): 5 months (156 days)

**Time Commitment**: 60%

**Note**: only costs associated with the 5 months Placement time can be claimed from SFI

# Example 2: Academia-to-Industry
## Part-Time Fellowship: Category B

**Eligible SFI costs**: Postdoctoral researcher's salary for 5 months & Mobility Allowance

***Note:*** *the Mobility Allowance is not expected to cover accommodation costs within the same city as in this case.*

**Potential industry contributions**: cash & in-kind, to cover, e.g. materials & consumables, training, mentor's time, access to equipment, subsistence, as relevant.

# Example 3: Academia-to-Industry
## Part-Time Fellowship: Category A

❑ A Professor from UCC wishing to spend 6 months in Company Y, France, over 24 months.

**Academic Fellow = Applicant**: the Professor

**Industry Mentor**: an employee of Company Y

**Industry Partner**: Company Y

**Award Duration**: 24 months

**Placement Duration**: 6 months

**Time Commitment**: 25%

**Note**: only costs associated with the 6 months Placement time can be claimed from SFI

# Example 3: Academia-to-Industry
## Part-Time Fellowship: Category A

**Eligible SFI costs**: Teaching buyout (Category A) for 6 months, travel & accommodation costs (Mobility Allowance).

**Potential industry contributions**: cash & in-kind, to cover, e.g. materials & consumables, training, mentor's time, access to equipment, subsistence, as relevant.

# Industry-to-Academia Fellowships

# Important definitions
## Industry-to-Academia Fellowships

| Industry Fellow | An industry researcher/leader employed by an Industry Partner who will be hosted by an Academic Mentor to work on the Research Body's premises. |
|---|---|
| Academic Mentor | A member of faculty staff currently employed in an eligible Irish academic or research institution, who hosts an Industry Fellow. The Academic Mentor is the primary contact within the Research Body who is hosting the Industry Fellow & is committed to providing mentoring, an appropriate work environment & infrastructure for the duration of the award, as well as logistical support required to facilitate the Fellowship. |
| Applicant | The Academic Mentor.  Responsible for submission of proposal, & if successful, for the scientific & technical direction of the work programme & submission of reports to SFI. Becomes the grant holder & primary point of contact for SFI. |

# Eligibility criteria
## Industry-to-Academia Fellowships

❑ Academic Mentors/Applicants **_must_** be eligible under **Category A** criteria.

❑ Academic Mentors/Applicants **_cannot_** receive Industry Fellows from an organisation in which they have a financial interest or hold a decision-making role

❑ Academic Mentors **_can_** apply to host **multiple Industry Fellows**, as long as each application is distinct & strongly justified.

❑ Industry Fellows must be employees of a company (Industry Partner) in Ireland or abroad.

❑ The following are not eligible to serve as Industry Fellows:

- Academic employees currently seconded to the Industry Partner's premises.

- Industry employees currently seconded to Research Bodies, such as Researchers-in-Residence.

- Industry researchers whose time contribution is already being counted as an in-kind contribution towards a SFI award (e.g. Research Centres).

# Industry-to-Academia Fellowships
## Funding

# Funding
## Industry-to-Academia Fellowships

❑ <u>Travel & accommodation</u> (Mobility Allowance) up to €10,000.

May include:

- Attendance at one relevant international conference to the level of €1,500. Funding can exceed this amount if fully specified & justified.

- Travel to & from the Mentor's organisation at the beginning & end of the Placement

- Accommodation costs related to relocation of the Fellow, where relevant & justified.

- One return trip per year for personal reasons in case of relocation, where appropriate & justified.

- Costs associated with one short visit (e.g. a few weeks) to a location relevant to the Fellowship, e.g. company's headquarters or parent company.

- Visa & health insurance costs related to relocation of the Fellow may be supported, where appropriate & justified.

# Example: Industry-to-Academia
## Full-Time Fellowship

A R&D manager from Company A, USA, wishing to spend 2 months in Prof B's laboratory in NUIG.

**Academic Mentor=Applicant**: Prof B

**Industry Fellow**: the R&D manager

**Industry Partner**: Company A

**Research Body**: NUIG

**Award Duration**: 2 months

**Placement Duration**: 2 months

**Time Commitment**: 100%

# Industry-to-Academia
## Full-Time Fellowship

**Eligible SFI costs**: Travel & accommodation costs only up to a maximum of €10,000 only (Mobility Allowance).

**Potential industry contributions**: cash & in-kind, to cover, e.g. materials & consumables, access to company equipment, subsistence, as relevant.

# Proposal Submission

# Proposal review criteria

Proposals will be internationally peer reviewed by <u>domain-specific experts</u>, & will be evaluated on the basis of the following criteria:

1. **<u>Quality of Research & Training</u>**
   - Quality & innovative aspects of the **research programme**.
   - Quality & innovative aspects of the **training programme**, including **mentoring**.
   - Suitability &/or complementarity of the **Fellow's expertise** with the research & training programme.

2. **<u>Potential for Impact</u>**
   - Potential for **long-term collaboration** between the participants, & their **commitment** to the programme.
   - Enhancement of the **career perspectives & employability** of the Fellow & contribution to his/her skills development.
   - Quality of the proposed measures to **exploit & disseminate** the results, including IP management plans.

3. **<u>Execution & Delivery</u>**
   - **Coherence & feasibility of the work** & training plan.
   - Appropriateness of the infrastructure & **mentoring arrangements** provided by the Mentor.

# Proposal submission - SESAME

- ❑ Note that the 'Applicant' will always be either the Academic Fellow or the Academic Mentor, depending on the direction of the Fellowship

- ❑ Proposals will only be accepted through SESAME, the SFI grant management system

- ❑ Research Bodies will provide the Applicants with a username, password, SFI pin number & the website address for SESAME

- ❑ A link to the 'SESAME researcher user guide' is provided in the Call Document

- ❑ See the Call Document for submission requirements in respect of file types to be uploaded, maximum upload size, font sizes etc.

**2018 deadline**: 13:00, 23rd November 2018
Leave enough time for Research Body to approve & submit!

# Proposal submission

**Step 1**    Eligibility Questionnaire

**Step 2**    Application details & Fellowship proposal upload (max 6 pages)

The proposal content **_must_** be structured under the following 3 headings & sub-headings:

1.  **Research & Training**

- Describe the **novelty &/or innovative aspects** of the **research programme**, including workpackages.
- Describe the **novelty &/or innovative aspects** of the **training & mentoring** programme.
- Describe the **Mentor's expertise** & business sector, & **how the Fellow's expertise is suitable to carry out the proposed research programme**.

# Proposal submission: Step 2 cont…

2. **Impact**

   - Describe the **potential for long-term collaboration** between the participants, & their **commitment** to the programme.

   - Describe how the Fellowship will **enhance the career perspectives & employability** of the Fellow & how it will contribute to the Fellow's **skills development**.

   - Describe the proposed measures to **exploit & disseminate the results**, including **Intellectual Property management** measures.

3. **Execution & Delivery**

   - Describe how the **work & training plans** will be implemented (Include a **Gantt chart**).

   - Describe the **supervision & mentoring arrangements**, including **risk management**.

   - Describe the **infrastructure, facilities & space** to be provided by the Mentor. This should include details of the office, laboratory, computing, animal or other facilities as necessary, where the research will be done, including the equipment & materials that will be available.

   - Disclose any potential **conflicts of interest** associated with the Fellowship.

# Proposal submission
## Conflicts of Interest

Must be declared in the **Conflict of Interest Statement**:

❑ A prospective Academic Fellow – Category B wishing to work in a company founded by his/her current or past postdoctoral supervisor.

❑ A prospective Academic Fellow – Category B wishing to work in a company where his/her current or past postdoctoral supervisor is a main shareholder.

❑ Proposals are **_not_** accepted from Applicants who wish to be hosted in or receive Fellows from an organisation in which they have a financial interest or hold a decision making role:

- E.g. An Academic Fellow – Category A who is a shareholder in the prospective Industry Partner.
- E.g. An Industry Fellow from a company in which the prospective Academic Mentor has a financial interest (decision-making role or shareholding).

**Failure to disclose a conflict of interest may result in the application being made ineligible**

# Proposal submission
## Budget justification

❑ <u>Budget Justification (PDF upload, max. 2 pages)</u>

Provide a detailed justification for all costs associated with the application.

Note that costs which are not considered to be fully justified in this section <u>*will not be approved*</u>.

**CVs**

❑ **CVs** (max. 6 pages) are required from the:
- Applicant
- Industry Mentor/Fellow

❑ CV template included in call document

# Proposal submission
## Letters of Support

In all cases, letters must be provided from the:

- **Research Body** – incl. Conflict of Interest Statement (where relevant).
- **Research Body Technology Transfer Office**

**Academia-to-Industry Fellowships**

Letters must also be provided from the:

**CATEGORY A**

- **Industry Mentor** – incl. Industry cash & in-kind table.
- **Centre Director** (if the Applicant is a Co-PI in a SFI Research Centre).
- **Applicant** (if the Applicant is a holder of an active SFI award).

**CATEGORY B**

- **Industry Mentor**

***Note***: For Category B applicants, the Research Body letter ***must*** include details of the Postdoctoral Researcher's current remuneration & full justification of a Research Fellow/Senior Research Fellow salary request where relevant.

# Proposal submission
## Letters of Support

In all cases, letters must be provided from the:

- **Research Body** – incl. Conflict of Interest Statement (where relevant).
- **Research Body Technology Transfer Office**


**Industry-to-Academia Fellowships**

Letters must also be provided from the:

- Industry Partner
- Academic Mentor

# Award Management

In order for SFI to evaluate the success of the Industry Fellowship Programme, the Industry Fellowship grant holders will be required to complete a report at the end of their award, which includes a statement from the Industry Partner – more information in the Call Document.

# Q&A Session

➢ We will put voice on 'mute' for a few minutes while we gather questions – please be patient

➢ Submit your text-based questions via the GoToMeeting control panel

➢ We will deal with as many of these as we can, verbally

➢ We will post a recording of this webinar on the Industry Fellowship webpage shortly

➢ Please direct subsequent questions to your prospective Research Body and to Industry.Fellowship@sfi.ie