CAREER-FIT Career Development Fellowships in the National Technology Centre Programme 2018[1]

Deadline for submission: 17:00 CET 30 APRIL 2018

This Word document is provided solely for information purposes and will not be used to submit an application for a CAREER-FIT fellowship. All applicants must create and complete their submission through the online system by the deadline of **17:00 (CET) on 30 APRIL 2018.** Please see the **2018 Terms and Conditions** and **Guide for Applicants** on the Enterprise Ireland website for further information prior to submitting your application online. All sections of the online application form will have to be completed in full.

Applicant details

Name:

Email address:

Contact telephone number:

Contact address:

Gender:	
Male	☐
Female	☐

Date of birth:

ORCID ID:

What is your nationality, i.e. your passport-issuing country?

What is your "experienced researcher" status*?	
Experienced researcher type 1	☐
Experienced researcher type 2	☐

*See CAREER-FIT Terms & conditions art. 4.3 for definitions of experienced researcher status type 1 and 2. If you are not "experienced researcher" as defined in the Terms and conditions, you are not eligible to apply.

When did you achieve "experienced researcher" status?

[DD/MM/YYYY]

If you selected "type 2" above: Please provide a brief description of the full time research experience on the basis of which you qualify as experienced researcher. Include information about the organization(s) that you were affiliated with, start date(s) and end date(s), your responsibilities and research achievements obtained. Applicants can provide references to other relevant sections of the application as appropriate.

Max. 300 words

What is your marital status?	
Married	☐
Divorced	☐
Single	☐
Widowed	☐
Civil partnership	☐
Cohabiting	☐

Do you have children/dependents under 18 years of age?	
Yes	☐
No	☐

Are you a national of a European Union member state or an associated country*?	
Yes	☐
No	☐

* Associated county is a country which is not an EU member state and which is associated to Horizon 2020. A list of associated countries is available at
http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/3cpart/h2020-hi-list-ac_en.pdf

English language competency

Applicants are required to be fluent in the English language. As a guide, the minimum expected level of English language competencies is level **C1** on the Common European Framework of Reference for Languages (CEFR) scale. Note: Important to read the scale correctly e.g. A1 basic user, C2 proficient user,.

Please indicate your English language competency according the the CEFR scale (based on your self-assessment): [dropdown list]

Have you completed any internationally recognized English language competency test, such as TOEFL, IELTS, PTE or similar? (Enterprise Ireland might request a copy of the relevant certificate after the application deadline.)

Yes	☐
No	☐

If you answered "yes" above: Please provide the following information:

Name of the test	
Level/marks achieved	
Year when the test was completed	

Host organisation and academic mentor details

*Applicants will select their proposed **host organisation (Third Level Institution)** from the list of organisations provided by Enterprise Ireland in the online application system.*

To add an academic mentor, applicants will navigate to the invitations tab at the top of the application form. They will then click the plus button and add the details required, selecting the Academic Mentor role from the dropdown. Then click invite to send the invitation. This invitation is a system generated invitation alerting the academic mentor that an invitation to logon to an online portal to provide a reference is required.

Company partner and mentor details

Company partner

Applicants will select their proposed company partner. Please navigate to invitations tab at top of page and add partner company and send invite

Secondment mentor

First name:

Last name:

Title:

Position:

Email address:

Organisation:

Organisational unit:

Referee details

Please note that two referees need to be submitted before the application is submitted.
Please navigate to invitations tab at top of page and add Referee and send invite.
Click invite to send the invitation. This invitation is a system generated invitation alerting the referee that an invitation to logon to an online portal to provide a reference is required.

Referee 1

First name:

Last name:

Title:

Position:

Email address:

Organisation:

Organisational unit:

Referee 2

First name:

Last name:

Title:

Position:

Email address:

Organisation:

Organisational unit:

Academic qualifications

Examination results, qualification names and other information provided in this section must correspond exactly with that on relevant official transcripts. Successful applicants will be required to provide official transcripts/parchments before awards are confirmed. In case of discrepancies between results provided in the application form and those on official transcripts, offers of awards will be withdrawn.

If the language of a transcript/parchment is not English, the name of the degree and overall result if expressed verbally (such as "mention très honorable avec félicitations du jury" or "отлично/otlichno") must be provided in the language of the transcript/parchment as well as in English. It is not sufficient to provide only English translation/equivalent of the name of the degree or result.

Bachelor's Degree (or degree equivalent to the Honours Bachelor Degree level 8 on the Irish National Framework of Qualifications NFQ, see http://www.nfq-qqi.com/index.html)

Institution:

Graduation date:
dd/mm/yyyy

Qualification type and name:

Final result/grade/grade point average:

Any additional information relating to this degree can be included here, e.g. dissertation title, area of study:

Max 300 words

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Second Bachelor's Degree (or degree equivalent to the Honours Bachelor Degree level 8 on the Irish National Framework of Qualifications NFQ, see http://www.nfq-qqi.com/index.html), if applicable

Institution:

Graduation date: dd/mm/yyyy

Qualification type and name:

Final result/grade/grade point average:

Any additional information relating to this degree can be included here, e.g. dissertation title, area of study: *Max 300 words*

Master's Degree (or degree equivalent to the Master's Degree level 9 on the Irish National Framework of Qualifications NFQ, see http://www.nfq-qqi.com/index.html), if applicable

Type:	
Taught	☐
Research	☐

Institution:

Graduation date: dd/mm/yyyy

Qualification type and name:

Final result/grade/grade point average:

Any additional information relating to this degree can be included here, e.g. dissertation title, area of study: *Max 300 words*

Second Master's Degree (or degree equivalent to the Master's Degree level 9 on the Irish National Framework of Qualifications NFQ, see http://www.nfq-qqi.com/index.html), if applicable

Type:	
Taught	☐
Research	☐

Institution:

Graduation date:
dd/mm/yyyy

Qualification type and name:

Final result/grade/grade point average:

Any additional information relating to this degree can be included here, e.g. dissertation title, area of study:

Max 300 words

Doctoral Degree (or degree equivalent to the Doctoral Degree level 10 on the Irish National Framework of Qualifications NFQ, see http://www.nfq-qqi.com/index.html), if applicable

Qualification type and name:

Institution:

Country:

Name of your supervisor:

Title of your doctoral thesis:

Abstract:

300 word max.

Start date:

Has the degree been awarded?

Yes	☐
No	☐

If you answered "yes" above: Provide date of the award of the degree:
dd/mm/yyyy

Any additional information relating to this degree can be included here, e.g. dissertation title, area of study:

Max 300 words

Other Education

Please provide any additional information relevant to your academic background which should include the name, location and dates for each relevant course listed. For major awards provide also equivalency of the degree to the Irish National Framework of Qualifications.

Max 300 words

Research achievements

Please provide any additional information regarding your relevant research achievements since beginning a career as researcher (since you completed the degree that qualifies you to embark on doctoral studies in Ireland or in the country of the proposed secondment/placement).

Max 300 words

Reseach award 1:

Title:

Amount:

Source:

Award type: (i.e. prize, research grant, travel grant etc.)

Duration:

Reseach award 2:

Title:

Amount:

Source:

Award type: (i.e. prize, research grant, travel grant etc.)

Duration:

Reseach award 3:

Title:

Amount:

Source:

Award type: (i.e. prize, research grant, travel grant etc.)

Duration:

Proposed research

Project title:

Max 100 words

Host organisation:

Department:

Primary area*:
[applicants will select from the dropdown list available in the online system]

Discipline*:
[applicants will select from the dropdown list available in the online system]

Other research area(s)*:
[applicants will select from the dropdown list available in the online system]

*Please refer to the research categorisation document available on the Enterprise Ireland website for the list of *primary areas*, *disciplines* and *other research areas*

Second research area and discipline categorisation (if interdisciplinary):

If your proposed research is interdisciplinary, please indicate the second categorisation here, i.e. *primary area*, *discipline* and *other research area*. *Please refer* to the research categorisation document available on the Enterprise Ireland website

Keywords describing proposed research:

Please provide an **abstract of your fellowship proposal**. The abstract should summarize research as well as career development and training aspects of the proposed fellowship. Relevance to the Technology Centre and expected impact of the fellowship should also be

adressed.

Max 500 words

Please provide a **lay abstract of your proposed research**. Lay abstract will be used to inform a non-expert audiences:

Max 300 words

Please provide underline details of your proposed research to include aims, objectives and central research questions of the project.

Max 500 words

Demonstrate how your proposed fellowship fulfills the aims of the scheme as specified in the Terms and Conditions. Include references to specific Technology Centre goals as applicable to your proposal. Outline how the Technology Centre and company partners will benefit from the proposed research.

Max. 500 words

Please describe the research design and methodologies to be employed in carrying out your fellowship, to include for example investigative and analytic methods and thoretical frameworks.

Max 500 words

Please provide a schedule to include (a) milestones and deliverables for completion of the proposed fellowship, (b) risks that might endanger reaching these deliverables and (c) the contingency plans to be put in place in order to mitigate these risks:

Max 500 words

Applicants will be required to upload a Gantt chart representing their fellowships' schedule, to include secondment(s), milestones and deliverables, outreach and dissemination activities etc., as outlined in the fellowship proposal, including the career training and development plan. A Gantt chart is mandatory.

There is an option on the system at this point to upload a supplementary document that include essential information required for the interpretation and understanding of the proposal, rather than additional information about the research proposal. Typically the supplementary documents would includ graphical information such as diagrams, maps or other information which cannot be entered into the structured online application which accepts plain text only. Max 10m pages

Explain how the proposal relates to the state of the art. Suggest how the project will make a new contribution to knowledge. Do not provide bibliographical lists or footnotes here.

Max 500 words

Please describe any specialist knowledge, data, access to specialist equipment/facilities and similar that are required for successful completion of the proposed fellowship, including but not limited to language competencies, technical skills or use of specialist software. If the relevant knowledge, data or access to specialist equipment/facilities is not already in place, details should be provided as to how it will be acquired.

Max 500 words

Please outline your plans for the <u>dissemination and knowledge exchange</u> of your research, including publications, conference attendance, poster presentations and reports. Indicate how impact of your fellowship will be measured. Applicants should adhere to the Horizon 2020 "<u>Communicating EU research and innovation guidance for project participants</u>" document.

Max 500 words

Detail your <u>community outreach plan</u>. Guideline on requirements on the community outreach plan will be provided in the Guide for Applicants.

Max 500 words

<u>References and select bibliography</u>: Please upload a pdf file with references to publications and other research outputs mentioned in the proposal.

Please provide details of any <u>proposed research trip(s)</u> of more than four weeks' duration which you believe will be necessary for the successful completion of your fellowship. (Note that secondments are not considered "research trips" and their justification should not be provided here.)

Max 300 words

Please outline the reasons for choosing the proposed **host organisation**. Describe the relevant research infrastructure, logistics, facilities and relevant resources that will be available to you in the proposed host organisation. Detail the nature and quality of the research group as applicable, and how you will be integrated in order that maximum knowledge and skills can be gained from the fellowship.

Max 400 words

Please outline the reasons for choosing your proposed **academic mentor**. Include information about the proposed academic mentor's relevant key research achievements, involvement in research and training programmes, collaborations with relevant non-academic organisations, mentoring etc.

Max 400 words

Please outline the reasons for choosing the proposed **company partner**. Describe the relevant research infrastructure, logistics, facilities and relevant resources that will be available to you in the proposed company partner organisation. Detail how you will be integrated in the organisation in order that maximum knowledge and skills can be gained from the fellowship.

Max 400 words

Please outline suitability of your proposed **secondment mentor**. Include information about the proposed secondment mentor's relevant key achievements, involvement in research and training programmes, collaborations with higher education institutions/research performing organisations, mentoring etc.

Max 400 words

Have you previously submitted all or part of this proposal to an Enterprise Irelandscheme and been unsuccessful?	
Yes	☐
No	☐

> *If yes:* Please clearly describe the modifications to your research proposal since it was previously submitted:

Relevant work experience

Please provide details of your relevant work experience in reverse chronological order, starting with your most recent post. Include details of e.g., any postdoctoral research, research assistant posts, relevant teaching posts and / or enterprise employment.

DO NOT INCLUDE EDUCATIONAL DETAILS IN THIS SECTION, i.e. undergraduate or postgraduate (MSc or PhD) research. These should be detailed only in the section Academic Qualifications. If you do not have Relevant Work Experience you can leave this section empty.

Current position

Organisation name:

Organisation full address:

Country in which you are residing:

Date employed from:

Employment status:	
Permanent	
Indefinite duration	
Fixed term contract	

> *If you selected Fixed term contract above:* Please provide the end date of your contract:

Department/Organisational unit:

Research mentor (if applicable):

Brief description of work experience, duties and responsibilities: [maximum 300 words]

Research project title and abstract (if applicable):

[maximum 300 words]

Previous position 1

Organisation name:

Organisation full address:

Country in which you were residing during while holding this position:

Date employed from:

Date employed to:

Department/Organisational unit:

Research mentor (if applicable):

Brief description of work experience, duties and responsibilities:

[maximum 300 words]

Research project title and abstract (if applicable):

[maximum 300 words]

Previous position 2

Organisation name:

Organisation full address:

Country in which you were residing during while holding this position:

Date employed from:

Date employed to:

Department/Organisational unit:

Research mentor (if applicable):

Brief description of work experience, duties and responsibilities: [maximum 300 words]

Research project title and abstract (if applicable):   [maximum 300 words]

Other relevant work and voluntary experience

Please include details of any other relevant work and voluntary experience to date. This should include name of the employer/organisation you volunteered for, job title/role, nature of duties and responsibilities, as well as duration of employment/engagement with the organisation.   [maximum 300 words]

Please explain how the above experience is relevant to your research proposal: [maximum 300 words]

Publications & other research outputs

Details of the applicant's top 5 peer-reviewed publications (including peer-reviewed journals, articles, books/book chapters etc.). Specify your contribution to the publication. Include the impact factor and number of citations, where relevant. Please explain why each publication is significant. Publications in press can be included in this section but submitted or in preparation publications strictly cannot.

Details of up to 15 other publications or research outputs (e.g. publications to date, research awards achieved, creation of data sets & databases, conference papers, patents, public broadcasts, exhibitions, etc.). Publications in press can be included in this section, but submitted and in-preparation publications strictly cannot.

Applicants who have no significant peer-reviewed publications or no other publications and research outputs will be required to upload samples of their written work as follows:

Experienced researchers type 1:

- Doctoral thesis: Table of contents
- One chapter from your Doctoral Thesis
- One further sample of written research work, as you see fit

Experienced researchers type 2:

- THREE samples of written research work.

Career Training and Development Plan

Your career training and development plan should present your mid-term goals and long-term career objectives and how the fellowship will help you to achieve these goal. Oultine how your fellowship will fulfill the relevant aims of the scheme, as specified in the Terms and conditions.

Provide a description of plans for the acquisition of new knowledge and skills. For example, gaining research skills and techniques, communication skills, research management, networking, and other transferable skills etc. during the period of the fellowship. Where appropriate include a reference to the Description of specialist knowledge section above.

Detail how the fellowship will enable you to gain skills relevant to employment outside the traditional academic sector.

Detail how the fellowship will enable you to acquire competencies that improve the prospects of reaching and/or reinforcing a position of professional maturity, diversity and independence.

The Vitae website and Researcher Development Framework is an excellent career development resource that you may find useful when preparing your Career Training and Development Plan.

Personal Statement

Please outline your reasons for choosing this fellowship and your suitability for the fellowship.

Explain why CAREER-FIT fellowship is the appropriate next step at the current stage of your career. Outline how you intend to maximise potential benefits of the tripartite structure of the fellowship as well as of its intersectoral and international dimension.

Please highlight any additional information which has not been included elsewhere in the application, for example:

- Why have you proposed this research topic?
- Why are you particularly suited to this topic?
- Which of your attributes, experience and achievements to date demonstrate your capability to successfully implement the fellowship?

Max 500 words

Ethical and sex/gender dimension statements

Ethical statement

Applicants should seek guidance on completing ethics self-assessment from their academic mentor. Note that CAREER-FIT fellowships must comply with the fundamental ethical principles of Horizon 2020 and that Horizon 2020 rules take precedence over national rules. Please refer to the Guide for Applicants and to the H2020 guidance document on completing ethics self-assessment.

Ethics issues table

1. HUMAN EMBRYOS/FOETUSES	
Does your research involve Human Embryonic Stem Cells (hESCs)?	Yes/No
Does your research involve the use of human embryos?	Yes/No
Does your research involve the use of human foetal tissues / cells?	Yes/No
2. HUMANS	
Does your research involve human participants?	Yes/No
Does your research involve physical interventions on the study participants?	Yes/No
3. HUMAN CELLS / TISSUES	
Does your research involve human cells or tissues (other than from Human Embryos/Foetuses, i.e. section 1)?	Yes/No
4. PERSONAL DATA	
Does your research involve personal data collection and/or processing?	Yes/No
Does your research involve further processing of previously collected personal data (secondary use)?	Yes/No
5. ANIMALS	
Does your research involve animals?	Yes/No
6. THIRD COUNTRIES	
Does your research involve non-EU countries?	Yes/No
Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?	Yes/No
Do you plan to import any material from non-EU countries into the EU? For data imports, please fill in also section 4. For imports concerning human cells or tissues, fill in also section 3.	Yes/No
Do you plan to export any material from the EU to non-EU countries? For data exports, please fill in also section 4. For exports concerning human cells or tissues, fill in also section 3.	Yes/No
If your research involves low and/or lower middle income countries, are benefits-sharing measures foreseen?	Yes/No
Could the situation in the country put the individuals taking part in the research at risk?	Yes/No
7. ENVIRONMENT & HEALTH and SAFETY	
Does your research involve the use of elements that may cause harm to the environment, to animals or plants? For research involving animal experiments, please fill in also section 5.	Yes/No
Does your research deal with endangered fauna and/or flora and/or protected areas?	Yes/No
8. DUAL USE	
Does your research have the potential for military applications?	Yes/No
9. MISUSE	
Does your research have the potential for malevolent/criminal/terrorist abuse?	Yes/No
10. OTHER ETHICS ISSUES	
Are there any other ethics issues that should be taken into consideration?	Yes/No

Ethical statement

Please provide a statement detailing the careful consideration you have given to the ethics issues identified as relevant to your proposed fellowship and how you plan address these.

1000 words max

Sex/gender dimension statement

Does your research involve any of the following?	
Humans as the research focus	☐
Animals as the research focus	☐
Human samples and/or data	☐
Humans involved as consumers, users, patients, or in trials	☐
Research on animals, animal samples and/or data	☐
Research outputs with implications for end users or consumers	☐

Please provide a statement detailing whether there is a potential sex/gender dimension to be considered in carrying out your research. If your research involves any of the above, please indicate how potential sex/gender issues will be handled. In particular, you are asked to reference the points mentioned in the 'checklist for sex/gender in research content' in the Guide for Applicants:

Max 500 words

Please carefully read the section on *sex/gender dimension* in the Guide for Applicants for help in answering this question

Indicative budget

CAREER-FIT fellowship awards will include a research allowance for eligible direct research, training and networking costs in the amount of €9,600 per annum. Please outline in the table below how you envisage to use this funding over the entire duration of the fellowship.Please bear in mind there is a funding cap on each section and refer to Guide for Applicants for breakdown.

The following rules apply:

- Hardware and software critical for implementation of the proposed fellowship is to be purchased in the first year of the award.
- A maximum of €1,000 applies for the purchase of a laptop or desktop computer. Enterprise Ireland recognises that in exceptional circumstances, applicants may request the purchase of a laptop or desktop that exceeds this limit. In those instances, applicants must provide a detailed justification that will be subject to review on a case by case basis. There is no guarantee that Enterprise Ireland will approve requests that exceed the limit.
- Membership fees are not an eligible cost.
- Subsistence/per diem rates are not an eligible cost. Living expenses (e.g. rent, food and phone) are ineligible.
- Apart from hardware critical for implementation of the proposed fellowship, funds may not be used to purchase capital items.

Essential fellowship expenses:	Total cost planned for funding term:	Justification. Please provide breakdown of costs and reason needed:
Essential research supplies such as small consumables:		
Pay as you go access to national research infrastructure:		
Software and hardware critical for the proposed research:		
Archival research costs:		
Conference travel and participation:		
Generic and/or specialist disciplinary skills training:		
Dissemination:		
Community outreach:		
Other costs:		
Total:		

Applicant declarations

I hereby declare that I have read and accept the applicant requirements as set out in the 2017 Terms and Conditions and Guide for Applicants on the Enterprise Ireland website:	
I agree	☐

I hereby declare that I meet the applicable mobility requirements as set out in the 2017 Terms and Conditions and Guide for Applicants on the Enterprise Ireland website: Eligible applicants are those of any nationality or residency who have not been in Ireland for more than twelve months in the three years prior to the time of recruitment. For refugees under the Geneva Convention, the duration of the refugee procedure will not be counted as a period of residence in Ireland.	
I agree	☐

I confirm that the information supplied in this application is correct and recognise that should it become apparent that any of the information provided is inaccurate or unverifiable with appropriate documentation, it will result in the application automatically being deemed ineligible:	
I agree	☐

I hereby declare that this application is my own work and understand that it will be subject to plagiarism checks:	
I agree	☐

Would you like Enterprise Ireland to make your application available to other funding agencies and/or enterprise partners for consideration?	
Yes	☐
No	☐