

# **ARCH – Applied Research for Connected Health**

**An Enterprise Ireland and IDA Ireland Technology Centre**

## **Career - FIT Overview**

**Michael O’Shea – Centre Director**



# Applied Research for Connected Health

- National Industry-led Technology Centre funded by the state
- Hosted in UCD, funded by EI/IDA
- 5 Principle Investigators, 15 researchers involved in centre activities across 2 universities
- 30+ industry members – MNCs, SMEs
- Multiple engagement models:
  - Collaborative projects funded by centre
  - Bilateral company confidential projects
  - Other competitively won publically funded projects

# Vision and Mission

- **Vision** - ARCH will be an internationally renowned centre of excellence for research on the adoption, deployment and sustainability of Connected Health solutions and will establish Ireland as a global hub of Connected Health innovation.
- **Mission** - ARCH will carry out industry informed research on the adoption, deployment and sustainability of Connected Health solutions and translate this research in a way that can enable our member companies increase competitiveness.

# What is ARCH Career-FIT

- Career-FIT is a POSTDOCTORAL FELLOWSHIP programme co-financed by Enterprise Ireland and the European Commission under Marie Curie Sklodowska Actions COFUND and made available to the ARCH Technology Centre
- 50 Fellowships (across all Technology Centres in Ireland)
- 2 Calls over 5 years

# Aims of ARCH Career-FIT

- To offer an opportunity for experienced researchers to develop their careers in **market focused applied research** in Ireland's Applied Research for Connected Health Technology Centre
- To enable ARCH carry out in-depth focused research to the benefit of industry
- To run two widely publicised calls that seek to attract the highest quality researchers into Ireland with research proposals for fellowships of 36 months in ARCH
- To include an enterprise secondment option during the Fellowship of between 6-12 months

# What's different about a MSCA Fellowship?

- Completing a Marie Curie Fellowship (MCF) has beneficial impacts on a researcher's career prospects. On several career and professional achievement indicators, MC former fellows score more positively than non-fellows
- MC fellows report that MCF contributed significantly to....key career 'drivers', such as (i) access to high quality research facilities and labs, (ii) enlarging their professional network and (iii) improving their interdisciplinary skills.
- MC fellows' publications are more-often cited than the Control Group's, and are more frequently published on influential scientific journals.
- MC fellows are more successful than non-fellows in applying for European Research Council (ERC) competitive grants for high quality research.

# What's different about a MSCA Fellowship?

- MC fellows achieve professorship titles more frequently than others, and are more likely than the CG of leading a team of researchers, i.e. holding a principal investigator position.
- MC fellows are more satisfied with their job than the CG, and this is true in general and for each individual aspect considered.
- MCFs appear to have some impact in closing the gender gap, for instance with respect to chances of being appointed as Associate Professor, Professor or Principal Investigator

# Indicative salaries for Fellows

- Salary (€) per annum
- With family: 60k
- Without family: 55k
  
- Package will also include:
  - Paid maternity leave in line with Irish policy
  - **Enterprise Ireland-led centralized training**

# Timelines

- **Call 1** will open on 30 January 2017 with a deadline for applications of 31 March 2017
- Awarded Fellowships will run for 3 years from 30 September 2017 to 31 August 2020
  
- **Call 2** will open on 01 March 2018 with a deadline for applications of 30 April 2018
- Awarded Fellowships will run for 3 years from 30 October 2018 to 30 September 2021

# Application Process

- Applicant to submit research proposal, with Technology Centre and RPO endorsement
  - Applicants must work up research proposals with the ARCH team to ensure they align with the Centre's mission and research areas of interest in advance of submission
  - An ARCH Principle Investigator will act as an academic mentor
  - Proposal must have an industry focus
- External independent evaluation
  - Excellence
  - Impact
  - Quality and Efficiency of Implementation
- Offer of Fellowships

# Important to note

- Applicant eligibility
  - Experienced researchers are eligible, i.e. those researchers in possession of a doctoral degree or have at least four years of full-time equivalent research experience at the time of recruitment.
  - Applicants of any nationality are welcome to apply –note caveat on next slide!
  - Applicants must be able to communicate through the English language
- Mobility rules (applicant)
  - Eligible researchers are those who have not been in Ireland for more than 12 months in the 3 years prior to recruitment.

# So why apply for ARCH Career-FIT?

- Excellent development and training
- Prestigious
- Collaborative
- Contractual Security
- Excellent salary, plus family allowance
- Inter-sectoral mobility
- Acquisition of skills
- Multi-disciplinary environment
- Gain experience translating research into practice – widening career options
- Strong industry engagement with commercial opportunities



# Summary

- **Prestigious Fellowship**
- **Industry Informed Research**
- **Collaboration**



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