



## **Research Medical Physicist (Temporary, Full-Time, 40 hours pw)**

### **The Role:**

You will provide scientific support to the ORIGIN project (European Union's Horizon 2020 Research and Innovation Programme (Grant Agreement no 871324) - part of Photonics Public Private Partnership ([www.photonics21.org](http://www.photonics21.org))). This project is developing optical fibre dose imaging for adaptive Brachytherapy.

You will attend ORIGIN consortium meetings, alongside visiting and undertaking experimental measurements at consortium member sites as required. This will involve communicating research results orally and in writing to own and other professions.

This role will be based in the radiotherapy physics department of the Galway Clinic participating in scientific research activities in radiation oncology physics.

- ORIGIN physics support for the dosimetric calibration of optical fibres.
- Validation and testing of optical fibre dosimetry systems.
- Contribute to the specification, evaluation, selection of specific systems.
- Contribute to the development of imaging techniques for the development of the systems.
- Preparation of scientific reports to be presented.
- To communicate highly complex research and development outcomes by means of internal reports, publications in peer reviewed journals and presentations at local, national and international conferences to multi-disciplinary group.
- To maintain awareness of current and future developments within radiation oncology by detailed study and review of scientific and clinical literature and attendance at scientific conference.
- Prioritize and reprioritization of research/experiments in order to meet deadlines and targets
- Keep abreast of current developments in the field of radiation therapy physics and oncology and disseminate information to the wider department.
- Planning of various aspects of the research project including independent day-to day planning and organization of experiments.
- Instigate and contribute to seminar programmes, in-service lectures, scientific and clinical meetings, etc.
- Actively participate in clinical research for the development and implementation of new techniques.

**This is a fixed term position available until 31 December 2022**

### **The Candidate:**

- Physics or Engineering Degree
- Post graduate degree in medical physics
- Evidence of R&D experience having a record of dissemination and publication of scientific work.
- The candidate should have Initiative and an ability to work independently
- Excellent interpersonal, leadership and communication skills
- Awareness/ Sensitivity toward Patient needs

To apply, please refer to the careers section of [www.galwayclinic.com](http://www.galwayclinic.com)

**Closing date for receipt of applications: Wednesday 18<sup>th</sup> March 2020 at 1pm**

***The Galway Clinic is an equal opportunities employer***