

UPMC Cancer Centres Ireland is seeking one recently graduated Medical Physicist for each of its Cancer Centres in Waterford and Dublin to join the physics group as Medical Physicist Intern on the JobBridge Initiative. All applicants should have at least an MSc in Medical Physics or related field. No experience is necessary.

APPENDIX 1

JOB DESCRIPTION

Job Title: Medical Physicist Intern

Reports To: Chief Medical Physicist, UPMC Cancer Centers Ireland

Job Purpose

To acquire the standard skillset of Radiation Oncology physics including equipment calibration and commissioning, clinical support, maintenance of appropriate quality assurance for equipment and treatment delivery, compliance with radiation safety and licensing issues and conformal treatment planning.

Minimum Requirements

Educational/Knowledge Requirements:

1. PhD or MSc from an accredited program in Medical Physics or related field.
2. No experience necessary

Licensure/Certification:

Not applicable

Responsibilities

1. Training will be provided on the systematic measurement, documentation, and assurance of the physical and dosimetric aspects of all radioactive sources/radiation producing equipment used in Radiation Oncology.
2. Training will be provided on the development of treatment plans, acquisition and storage of data for treatment plans, calculation of dose distributions and machine settings for treatment delivery.
3. Training will be provided on the design, fabrication, and measurement of treatment beam modifiers and treatment aids.
4. Collaborates on research projects with other UPCI Physicists in Radiation Therapy in the Division of Medical Physics.
5. Responsible for personal compliance with RPII Rules and Regulations.
6. Other responsibilities directed by the Chief Medical Physicist or designated Senior Medical Physicist

WORKING CONDITIONS/ENVIRONMENTAL FACTORS

The Medical Physicist works indoors in Radiation Oncology. As this position includes exposure to radiation, physicists are required to wear a film badge, which is read according to RPII regulations, and adhere to radiation policies/procedures established by the hospital. Medical physicists are required to follow universal precautions and infection control policies. Medical physicists are also required to comply with all policies/procedures in regards to handling hazardous materials and personal protection.