

Job Description

Research Scientist Advanced Molecular Imaging (AMI)

Your Challenge:

This position will be in Advanced Development group of Advanced Molecular Imaging (AMI) Business Unit. In this role your challenge will include product development, advanced development, exploration of new technologies, and working with research institutes on medical diagnostic imaging systems (PET/CT and PET/MR and other multi-modalities). It is a part of AMI R&D Engineering.

Your Responsibilities:

This Research scientist's responsibilities include developing new imaging algorithms (such as PET reconstruction, motion correction and simulation of imaging systems), accessing new technologies, and processing and analyzing the data & images from PET/CT and PET/MR systems. The other responsibilities are designing and conducting imaging experiments, and integrating algorithms into systems to ensure the research work aligned with product development.

Requirements:

- Candidates should have a PhD. degree in Physics, biomedical engineering, electrical engineering or equivalent
- 2-4 years industrial (post-doc experience would be counted as industrial experience) experience in Nuclear Medicine and CT related or medical related field
- Direct reconstruction and physic experience in either Nuclear Medicine or CT/X-ray
- Strong system integration and analytic skill
- Ability to assess image quality
- Extensive experience in programming with C or C++, and some other programming tools, such as IDL, is required.
- Clinical imaging experience is a plus.
- The candidate should have the technical leadership to coordinate projects with research partners, and with different part of Philips organization.



Advance your career in an environment that supports work-life balance, health & well-being and continuous learning. Making a difference begins right here, where you come first. Apply today!

Find out more info about Philips at www.philips.com/na/careers

Philips is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex (including pregnancy), sexual orientation, gender identity, national origin, genetic information, creed, citizenship, disability, protected veteran or marital status.

Job

Research

Primary Location: United States-Ohio-Cleveland

Organization: Diagnostic Imaging

Schedule: Full-time

Travel: No

Job Number: 140733

Reference: Patrick Olivier