



Postdoctoral Fellowship in Radiation Dosimetry for Nuclear Medicine Procedures at National Cancer Institute

A postdoctoral position is open for a specialist in computational and retrospective dosimetry to work with Drs. [Choonsik Lee](#) and [Vladimir Drozdovitch](#) within the Radiation Epidemiology Branch, Division of Cancer Epidemiology and Genetics at the National Cancer Institute (NCI), National Institutes of Health (NIH). The selected candidate will participate in NCI intramural studies related to health risks of nuclear medicine procedures (medical and occupational) including tool development for radiation dose calculations and dose reconstruction for patients and technologists from nuclear medicine procedures conducted in past decades. Applicants who have the following minimum qualifications will be considered for the position:

- A Ph.D. degree in medical physics, health physics, or related discipline;
- An understanding of or experience with nuclear medicine procedures;
- Experience with radiation transport and dosimetry calculations using one of the Monte Carlo codes such as MCNP, GEANT4, GATE and etc.;
- Proficiency in at least one programming language, numerical modeling using MATLAB or similar tools; and
- Excellent communication skills, both oral and written, good judgment, clear sense of purpose, and accountability.

For more details on this opportunity, please contact, Dr. Choonsik Lee < leechoonsik@mail.nih.gov >

TO APPLY: See the Division Fellowship Information for an overview, qualifications, and application details. Go to <http://dceg.cancer.gov/> and click on *Fellowships & Training*. Applicants should submit a: cover letter explicitly addressing the qualifications for this position and date of availability; detailed curriculum vitae; and the names, email, and addresses for three professional references. Please submit the application to Dr. Choonsik Lee.

Fellowships will last up to 2 years with optional extension. The stipend level is based on years of experience and is competitive with other academic programs. We will begin reviewing submissions immediately and will continue to do so until the position is filled.

NIH is an equal opportunity employer.



National
Cancer
Institute