

*The Erasmus MC plans to appoint a*

## ***MRI Physicist (up to 1.0 Fte)***

**THE DEPARTMENT** The Erasmus MC Department of Radiology is the largest radiology department in the Netherlands and one of the largest in Europe. We are dedicated to high quality patient care, education, and research. Strategic collaborations in the areas of Image Analysis, Technology Assessment, and Clinical & Molecular Imaging play a defining role in our research.

The Department has a long-standing track-record in clinical and fundamental MR research and an intensive research collaboration with GE Healthcare in this area. Of the 9 MRI scanners available, 3 are fully dedicated to research. The Department is participating in the development of the GE/Varian Discovery 901 7T animal system, which will soon be installed in our new Animal Imaging Facility. This facility will also contain dedicated equipment for in-vivo optical, SPECT/PET, CT, and ultrasound imaging.

**JOB DESCRIPTION** The Physicist will extend our MR development team and will specifically set up and lead the high-field pre-clinical MRI program. You will be expected to work closely with GE and Varian scientists to develop, test, and optimize novel imaging protocols and applications and to troubleshoot research problems. Close collaboration with our molecular imaging research line is essential, as is support of system use by other departments. You will be expected to take part in the training and supervision of PhD students and technologists.

**JOB REQUIREMENTS** We are looking for an enthusiastic and motivated scientist who wants to work at the crossroads of academia and industry. The successful candidate will exhibit extensive knowledge of high-field MR physics and engineering principles, especially as applied to in vivo imaging, and will have a PhD or equivalent in Physics, Engineering, or a similar field. Experience in pulse sequence programming is highly desirable; expertise with the GE EPIC™ environment is of additional value. The position requires excellent command of written and spoken English, as well as good communication skills. While fluency in Dutch is beneficial, it is not required.

**TERMS OF EMPLOYMENT** We offer a full-time contract (36 hours per week) for 3 years in an inspiring and challenging work environment with excellent fringe benefits. The full terms of employment are set out in the Collective Employment Agreements of the Dutch University Hospitals (CAO-UMC). The MRI-Physicist will also be designated a GE Healthcare ASL Associated Scientist and will enjoy the benefits of access to GE researchers and systems. Salary will be commensurate with relevant experience.

**INFORMATION** For additional information regarding the position, please contact Dr. Linda Everse, tel. (+31) (10) 703 2277, l.verse@erasmusmc.nl. For information on employment conditions, please contact the Human Resource Department, Cluster 6&7, telephone (+31) (10) 703 2887.

**APPLICATION** Reviews of applications will begin immediately and continue until the position is filled. To apply, please submit your full curriculum vitae, the names and contact information of 3 references, and a letter detailing your motivation for seeking this position. The letter and envelope must clearly state "vacancy number 11.11.10.RA.C6-7" and should be addressed to the Human Resource Department Cluster 6&7, Erasmus MC, P.O. Box 2040, 3000 CA Rotterdam, the Netherlands, or by e-mail to: hr.cluster6en7@erasmusmc.nl.