Full Professor / Head of Magnetic Resonance Imaging

Cardiff University Brain Research Imaging Centre (CUBRIC), School of Psychology, Cardiff University, United Kingdom.

OVERVIEW: This is a rare opportunity for an exceptional individual to take a pivotal role in developing magnetic resonance imaging / spectroscopy research at Cardiff University Brain Research Imaging Centre (CUBRIC) - https://www.cardiff.ac.uk/cardiff-university-brain-research-imaging-centre

Part of the School of Psychology and one of Europe’s top facilities for brain imaging research, CUBRIC is housed in a state-of-the-art £44M building. Our mission is to improve our understanding of brain and behaviour in health and disease through advanced imaging and cognitive methods and in doing so we bring together world-leading expertise in brain mapping and physical sciences with the very latest in brain imaging and brain stimulation technologies.

You will lead both an independent research programme and the wider growth of imaging across Cardiff University. You will be a scholar of significant repute with a proven ability, or strong potential, to lead and develop internationally excellent research activity. You will work closely with internationally distinguished groups in CUBRIC. You should be able to demonstrate an effective collaborative work ethic, the ability to attract independent research grant funding in open competition and a proven track record of high-impact publications.

Having been ranked 2nd in the UK’s REF2014 in Psychology, Psychiatry and Neuroscience, we are committed to building on our existing world-leading research and striving for future, ground-breaking successes. You should possess a track record of international academic excellence, combined with an inspirational and inclusive leadership style and the drive to foster and exploit local, national and international collaborations.

This post is full time (35 hours/week), open ended and available immediately; Salary: a point on the Professorial payscale.

Date advert posted: Monday, 27 April 2020
Closing date: Monday, 8 June 2020

Please be aware that Cardiff University reserves the right to close this vacancy early should sufficient applications be received.

Cardiff University is committed to supporting and promoting equality and diversity and to creating an inclusive working environment. We believe this can be achieved through attracting, developing, and retaining a diverse range of staff from many different backgrounds who have the ambition to create a University which seeks to fulfil our social, cultural and economic obligation to Cardiff, Wales, and the world. In supporting our employees to achieve a balance between their work and their personal lives, we will also consider proposals for flexible working or job share arrangements.

Applying: In advance of submitting a full application, applicants are strongly encouraged to engage in informal discussions with CUBRIC’s Director, Prof Derek Jones (jonesd27@cf.ac.uk). Full details of the required criteria for the position can be found in the job pack online: https://bit.ly/Prof_MRI. Please note that applications can only be made through the Cardiff University jobs website: http://www.cardiff.ac.uk/jobs

Please submit with your full CV, together with a summary of research interests and career goals, and a clear statement of how you meet each of the essential criteria (and any of the desirable criteria) for the role.
Main function of Post

To provide overall leadership for the MRI/ MRS research programme at CUBRIC.

Cardiff University conducts world-leading research into brain imaging and we seek a world-class researcher with a proven track record and the vision to undertake research that will build capacity and strengthen our reputation. The appointee will be expected to initiate collaborative research and provide strong leadership in the management and further development of CUBRIC.

Job Description

Research

- To undertake original, internationally competitive research that will significantly contribute to the research aims and objectives of the Cardiff University Brain Research Imaging Centre (CUBRIC)
- To provide academic leadership within your field of expertise.
- To ensure that methodological advances in MRI/MRS developed within the centre are deployed rapidly.
- To act as a key liaison and “MRI/MRS advocate” to colleagues, collaborators and industrial partners wishing to apply advanced MRI/MRS methods in their work, and to facilitate their integration with CUBRIC.
- To maintain an overview of research activities (methods and applications) across the entire centre, looking for opportunities to link researchers / modalities together.
- To promote the research achievements and research profile of the Centre at local, national and international levels.
- To secure external funding streams through competitive grant applications and industrial collaborations, leading by example.
- To stimulate and encourage new research and research-funding initiatives from internal users and external stakeholders.
- To contribute towards the strategic aims and ambitions of the Centre and the home School.
- To establish, develop and enhance a world-class research group.
- To publish in leading international journals in a timely manner.
- To maintain scientific competency by attending relevant lectures, courses, seminars and conferences.
- To comply with all relevant University regulations and procedures relating to the daily routine within the Centre, School and the University.

Teaching

- To select and supervise postgraduate research students on approved training programmes.
- To contribute to the delivery of taught courses (including CUBRIC’s M.Sc. in Neuroimaging), as requested by the Head of School, or their nominee.
- To be an internal examiner as required without further payment.
- To perform other duties on occasions which are not included above, but which will be consistent with the role, as requested by the Head of School.

Administrative

- To become a key member of the CUBRIC Management Team (CMT) acting as representative of MRI/MRS research activity in the centre, leading on / sharing in other centre management tasks as appropriate, and deputising for the Director when the need arises.
Person Specification

**Essential Criteria**

**Expertise/Competence/Skills**

1. International standing as a scholar of distinction with a proven track record of publications and securing external grant income in open competition.

2. Proven track record of high impact research publications in areas relevant to the mission of the School of Psychology.

3. Ability to work effectively within a team and to provide leadership to research teams and other colleagues.

4. Proven track record in supervising postgraduate students.

5. Proven ability to develop and lead an independent research programme.

6. Ability to foster and maintain national and international research collaborations.

**Knowledge**

7. Demonstrable knowledge of research governance.

**Qualifications (IT/Academic/Vocational)**

8. PhD or equivalent in a relevant area.

**Experience**

9. Outstanding research leadership, evidenced by previous success in establishing a world-class research team.

10. Recent publications of sufficient quality to support Cardiff University's objective of attaining the highest possible ranking in future national research assessment exercises.