SENIOR LECTURER – MEDICAL PHYSICIST

DEPARTMENT/UNIT
Medical Imaging & Radiation Sciences

FACULTY/DIVISION
Faculty of Medicine Nursing and Health Sciences

CLASSIFICATION
Level C

WORK LOCATION
Clayton campus

ORGANISATIONAL CONTEXT

Everyone needs a platform to launch a satisfying career. At Monash, we give you the space and support to take your career in all kinds of exciting new directions. You’ll have access to quality research, infrastructure and learning facilities, opportunities to collaborate internationally, as well as the grants you’ll need to publish your work. We’re a university full of energetic and enthusiastic minds, driven to challenge what’s expected, expand what we know, and learn from other inspiring, empowering thinkers. Discover more at www.monash.edu.

The Faculty of Medicine, Nursing and Health Sciences, is the largest faculty at Monash University, and offers the most comprehensive suite of professional health training in Victoria. We consistently rank in the top 40 universities worldwide for clinical, pre-clinical and health sciences.

We want to improve the human condition. That is our vision - it has no expiration date. Through academic health centres, other translational models and by educating the healthcare workforce of the future, our staff, students and alumni directly improve quality of life. Setting the global health care agenda, the Faculty aspires to lead in all areas of research activity and influence local, national and international policy to improve health and social outcomes and health inequalities.

We’ve made a major impact in the world of medical research and become globally recognised for our quality education of over 41,000 doctors, nurses, and allied health professionals. We are ambitious and aim to maintain our position as a leading international medical research university. We’re recognised for the breadth and depth of our research, for our commitment to translational research, for the quality and scale of our research capability, and as a thriving biotechnology hub.

To learn more about the faculty, please visit monash.edu/medicine.

The School of Primary and Allied Health Care (SPAHC) has an organisational hub at the Peninsula campus. The School aims to be Australia’s leading centre of primary and allied health care education and research, building on existing strengths. The SPAHC is a leader in primary and allied care research, teaching and service. The School provides high quality programs at undergraduate and graduate entry levels, specialised professional graduate coursework programs and higher degrees by research. The School currently includes the Departments of General
Practice, Community Emergency Health and Paramedic Practice, Occupational Therapy, Physiotherapy, Social Work and Medical Imaging and Radiation Sciences.

The School’s departments and centres are situated across the Caulfield, Clayton and Peninsula Campuses and at Notting Hill (near to the Clayton campus). Two new research centres have been developed within the school: a Centre for Addiction Research and Recovery and a Rehabilitation, Ageing and Independent Living (RAIL) Research Centre.

The Department of Medical Imaging and Radiation Sciences aims to prepare students for effective and ethical professional practice in a diverse range of modern medical imaging modalities and to pursue careers in radiography, medical ultrasound, radiation therapy and research. The Department actively encourages students to engage in a process of life-long learning and contribute to the development of radiography, radiation therapy, and sonography as research-based professions; and foster an interest in clinical and scientific research and to contribute to advances in radiography, radiation therapy and medical ultrasound. Further details may be found at: http://www.med.monash.edu.au/radiography/about.html.

POSITION PURPOSE

A Level C academic is expected to make significant contributions to the teaching of a department, school, faculty or other organisational unit or an interdisciplinary area. The primary purpose of this role is to review the existing Medical Imaging physics components, units and course materials with the aim of introducing teaching methods to the MRI postgraduate course in the next three years of delivery.

The incumbent will ensure the successful implementation of the blended learning approach to the delivery of undergraduate and or postgraduate Medical Imaging physics components/units. An academic at this level is also expected to play a major role in scholarship, research and/or professional activities.

Reporting Line: The position reports to the Head of Department, Medical Imaging and Radiation Sciences

Supervisory Responsibilities: Not applicable

Financial Delegation: Not Applicable

Budgetary Responsibilities: Not Applicable

KEY RESPONSIBILITIES

Specific duties required of a Level C academic may include:

1. The conduct of tutorials, practical classes, demonstrations, workshops, student field excursions, clinical sessions, studio sessions and online delivery
2. Design and develop engaging course curricula to promote student learning
3. Acting as subject and/or course coordinators;
4. Implement innovative teaching approaches for face-to-face, online and blending learning courses incorporating industry best practice and the latest research findings
5. Supervision of major honours or postgraduate research projects
6. Supervision of the program of study of honours students and of postgraduate students engaged in course work
7. The conduct of research
8. Significant role in research projects including, where appropriate, leadership of a research team
9. Involvement in professional activity
10. Consultation with students
11. Broad administrative functions
12. Marking and assessment
13. Attendance at departmental, school and/or faculty meetings and a major role in planning or committee work

**KEY SELECTION CRITERIA**

**Education/Qualifications**
1. The appointee will:
   - An undergraduate degree in physics including honours; AND
   - A doctoral qualification in Medical Physics
   - Hold or be eligible to hold a Victorian Radiation Use Licence and Tester’s Approval
   - Registration with an appropriate professional body eg. ACPSEM

In determining experience relative to qualifications, regard shall be had to teaching experience, experience in research, experience outside tertiary education, creative achievement, professional contributions and/or contributions to technical achievement. In addition, a position at this level will normally require a record of demonstrable scholarly and professional achievement in the relevant discipline area.

**Knowledge and Skills**
2. Possess a high level of interpersonal skills and demonstrated ability to work independently and as part of a team across both the education and service sectors
3. Demonstrated publication record in high-quality refereed journals, conferences equivalent textbooks or teaching resources
4. Demonstrated ability in undertaking outstanding research and leading a research team and project
5. Proven record of obtaining significant external grants for research
6. Demonstrated record of successfully supervising postgraduate research students
7. Ability to think creatively, work positively and cooperatively with students, internal and external stakeholders to develop and maintain strong professional links within relevant clinical settings both hospital-based and in the professional community
8. Demonstrated strong record of teaching experience in a tertiary environment including course coordination and innovative teaching
9. Ability to bring their clinical expertise to support the teaching and assessment activities of the Department
10. Ability to bring expertise from their profession to inform curriculum teaching and subject material development
11. A demonstrated capacity to work in a collegiate manner with other staff in the workplace with a ‘can-do’ attitude
12. Ability to engage actively with external stakeholders to advance MRI education nationally and internationally
13. Knowledge of Victorian, Australian and International Standards and Codes of Practice relevant to radiation safety in medicine

**OTHER JOB RELATED INFORMATION**
- Travel to other campuses of the University may be required
- There may be a requirement to work additional hours from time to time
- There may be peak periods of work during which taking of leave may be restricted
- A current satisfactory Working With Children Check is required
- This position will require a successful National Police Record check
GOVERNANCE

Monash University expects staff to appropriately balance risk and reward in a manner that is sustainable to its long-term future, contribute to a culture of honesty and integrity, and provide an environment that is safe, secure and inclusive. Ensure you are aware of and adhere to University policies relevant to the duties undertaken and the values of the University. This is a standard which the University sees as the benchmark for all of its activities in Australia and internationally.