LECTURER – MEDICAL PHYSICIST

DEPARTMENT/UNIT Medical Imaging & Radiation Sciences
FACULTY/DIVISION Faculty of Medicine, Nursing and Health Sciences
CLASSIFICATION Level B
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.

Modified date: December 2019
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 B academic is expected to make contributions to the teaching of the university and to carry out activities to maintain and develop her/his scholarly, research and/or professional activities relevant to the profession or discipline. 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.

An additional role is to ensure the successful implementation of the blended learning approach to the delivery of undergraduate and/or postgraduate Medical Imaging physics components/units.

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 B 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 the program of study of honours students or of postgraduate students engaged in course work

6. Supervision of major honours or postgraduate research projects

7. The conduct of research

8. Involvement in professional activity

9. Marking and assessment

10. Consultation with students

11. A range of administrative functions the majority of which are connected with the subjects in which the academic teaches

12. Attendance at departmental, school and/or faculty meetings and/or membership of a number of committees
KEY SELECTION CRITERIA

**Education/Qualifications**

1. The appointee will:
   - An undergraduate degree in physics including honours; AND
   - A doctoral and/or MPhil 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

**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. 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
4. Ability to bring their clinical expertise to support the teaching and assessment activities of the Department
5. Demonstrated strong record of teaching experience in a tertiary environment (preferred)
6. Demonstrated ability to motivate, actively engage and educate a given audience
7. Ability to bring expertise from their profession to inform curriculum teaching and subject material development
8. Proven ability, commitment and passion for engaging in scholarly and research activities
9. A demonstrated capacity to work in a collegiate manner with other staff in the workplace with a ‘can-do’ attitude
10. 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.