

# ASSOCIATE PROFESSOR OF DIAGNOSTIC IMAGING AND MEDICAL PHYSICS

<b>School/Centre</b>	School of Medicine
<b>Faculty/Institute/Division</b>	Health
<b>Classification</b>	Level D, Teaching and Research
<b>Responsible to</b>	Chair in Medical Imaging
<b>Hours of Duty</b>	Full-time and continuing
<b>Location of Work</b>	Geelong Waurm Ponds Campus
<b>Vacancy closes</b>	Sunday 10 August, 2014
<b>Vacancy reference number</b>	140349
<b>More information</b>	Professor Paul Yielder, Email: <a href="mailto:p.yielder@deakin.edu.au">p.yielder@deakin.edu.au</a>

## LIFE AT DEAKIN

Deakin University is proud to be recognised as an organisation that offers a friendly and supportive working environment. Our staff are committed to genuinely making a difference to thousands of people's lives by contributing to excellence in their education. We acknowledge the importance of providing a dynamic and diverse working environment and strive to offer variety in day-to-day roles as well as various career and professional development opportunities to assist staff to grow and progress their careers. Deakin University staff have the opportunity to interact with colleagues from a diverse range of cultures and professional backgrounds, all who share a common interest in lifelong learning. Furthermore, our staff enjoy the physical location and natural surrounds of our working environments, which they report as enhancing their job satisfaction.

Alongside our international and Australian partners, Deakin University operates on four main campuses; Melbourne Burwood Campus Geelong Waurm Ponds Campus, Geelong Waterfront Campus, and the Warrnambool Campus. We also have a location in the Melbourne and Warrnambool CBDs as well as learning centres across regional Victoria.

The University may require staff to work at other locations outside their primary place of work.

## WHY WORK FOR OUR UNIVERSITY?

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## POSITION PURPOSE

The Associate Professor will provide outstanding academic expertise with responsibility for curriculum development, teaching and research leadership in the program areas of radiation science, medical physics and advanced diagnostic imaging systems and instrumentation, within the newly-constituted four-year Bachelor of Medical Imaging degree. The appointee will promote School of Medicine and Faculty of Health within the academic and professional communities in Australia and internationally and will also contribute to the School and Faculty's teaching, research and program development with additional service at a national and/or international level as required.

## ORGANISATIONAL CONTEXT

The appointee will form part of the teaching and research team within the Medical Imaging program within the School of Medicine, one of five Schools in the Faculty of Health. Staff within the School report to the Pro Vice-Chancellor through the Head of the School of Medicine.

## ORGANISATIONAL RELATIONSHIPS

The appointee will provide leadership in teaching, research, industry partnerships and professional activities. The appointee will interact regularly with students, other staff within the University, peers in other universities, both nationally and internationally, and with community, professional and industry organisations.

## PRINCIPAL ACCOUNTABILITIES

The appointee is responsible for:

- Academic leadership and professional expertise in medical radiation science, medical physics and advanced diagnostic imaging systems and instrumentation Program and course development, maintenance and delivery, ensuring relevance and curriculum quality.
- Teaching, research, scholarly publication and the generation of research funding.
- On-going development of the School and Faculty, including the establishment and maintenance of industry links, and partnerships and local and international recruitment.
- Supervising honours and postgraduate students, ensuring successful and timely completions.
- Contributing to the administration of the School, Faculty and University.

## TYPICAL DUTIES

The duties and responsibilities of this position include, but are not limited to:

### Teaching, Learning and the Student Experience

- Leading and making an outstanding contribution to the Faculty's undergraduate and postgraduate teaching programs that is consistent with the University's strategic plan and core commitments.
- Undertaking teaching related duties in a manner consistent with the University's principles of teaching, learning and the student experience.
- Developing and delivering an innovative academic program in Medical Imaging and in other disciplines as appropriate.
- Supervising honours and HDR students, ensuring successful and timely completions.
- Advising and supporting the development of students regarding teaching and learning.

### Research

- Making an outstanding contribution to research and scholarly publication in medical radiation science
- Establishing medical radiation and advanced imaging systems and instrumentation as a biomedical engineering speciality and applied clinical research discipline within the School of Medicine and Faculty of Health.
- Developing and leading collaborative research projects, including those with junior colleagues and postgraduate students within the School and Faculty.
- Securing external research funding through competitive grants and clinical and industry partnerships.

### Service

- Contributing to the management of research, teaching and learning programs within the School, Faculty and University.
- Developing and strengthening links with industry and professional groups as well as establishing new partnerships both within Australia and internationally.

- Performing administrative tasks commensurate with position responsibilities and contributing to processes that enable the effective operation of the School and Faculty.
- Promoting the School and Faculty to prospective students and relevant professional, industry and government bodies in Australia and internationally.
- Attending appropriate staff development courses as the need arises and participating in the University's Performance Planning and Review program.
- Leading and taking part in School, Faculty and University committees, and actively contributing to the governance and collegial life of the University.
- Undertaking mentoring of more junior academic staff.
- Carrying out other duties as directed by the Head of School or Pro Vice-Chancellor.

#### Occupational Health and Safety

- Promoting and providing a safe working environment for students, staff and visitors with attention to the requirements of relevant Occupational Health and Safety, Workers Rehabilitation and Compensation, and Equal Opportunity Acts.

### **SELECTION CRITERIA – ESSENTIAL**

#### Qualifications

- PhD in a relevant field (or equivalent).

#### Experience, Knowledge and Skills

##### Academic Leadership

- Demonstrable academic leadership and professional expertise in medical radiation science, advanced diagnostic imaging systems and instrumentation, and applied medical physics.
- Outstanding interpersonal skills that demonstrate ability to establish and maintain effective working relationships with students, the staff of the School and Faculty, and with other members of the University and the wider community.
- Evidence of ability to work collaboratively and effectively within university systems, committee and board structures, and decision making processes.

##### Teaching

- A record of achievement in teaching and supervision at undergraduate and postgraduate levels.
- Experience in the development and delivery of university teaching and learning.
- Capacity to prepare and deliver University teaching and learning on and off-campus using flexible and on-line delivery methods.
- Ability to make an outstanding contribution to the Faculty's teaching programs in medical radiation science, advanced diagnostic imaging systems and instrumentation through personal teaching and academic leadership in a manner that influences, motivates and inspires students to learn.
- Ability to develop curricula and resources in medical radiation science, advanced diagnostic imaging systems and instrumentation.
- Ability to communicate effectively with students, colleagues and the public, orally and in writing.

##### Research

- Capacity to lead a program of research and experience as a productive member of a research team.
- A track record of publication in highly ranked international academic journals.
- A successful track record in winning nationally competitive and/or industry research funding.

##### Other

- Demonstrated ability to develop and maintain partnerships with professional associations and with domestic and overseas educational institutions and industry.
- Demonstrated commitment to equal opportunity principles and practices and health and safety.

#### Personal Qualities

- Demonstrated personal qualities of leadership, innovation and high motivation.
- Ability to adapt to changes in the environment and effectively meets new challenges.
- Commitment to the University's mission, core commitments and values which include – excellence, academic freedom, collegiality, continuous improvement, ethical behaviour, accountability and environmental responsibility.

## SELECTION CRITERIA – DESIRABLE

It is desirable for the appointee to have:

- Current professional registration in diagnostic medical imaging
- Experience in administration of academic programs, including assessment.

# SENIOR LECTURER IN DIAGNOSTIC IMAGING AND MEDICAL PHYSICS

<b>School/Centre</b>	School of Medicine
<b>Faculty/Institute/Division</b>	Health
<b>Classification</b>	Level C, Teaching and Research
<b>Responsible to</b>	Chair in Medical Imaging
<b>Hours of Duty</b>	Full-time and continuing
<b>Location of Work</b>	Geelong Waurn Ponds Campus
<b>Vacancy closes</b>	Sunday 10 August, 2014
<b>Vacancy reference number</b>	140349
<b>More information</b>	Professor Paul Yelder, Email: <a href="mailto:p.yelder@deakin.edu.au">p.yelder@deakin.edu.au</a>

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## POSITION PURPOSE

The Senior Lecturer will provide academic expertise with responsibility for curriculum development, teaching and research leadership in the program areas of radiation science, medical physics and advanced diagnostic imaging systems and instrumentation within the newly-constituted four-year Bachelor of Medical Imaging degree. The appointee will promote the School of Medicine and Faculty of Health within the academic and professional communities in Australia and internationally and will also contribute to the School and Faculty's teaching, research and program development initiatives, with additional service at a national and/or international level as required.

## ORGANISATIONAL CONTEXT

The appointee will be a member of the teaching and research team of the new Medical Imaging program within the School of Medicine, one of five Schools in the Faculty of Health. Staff within the School report to the Pro Vice-Chancellor, through the Head of the School of Medicine.

## ORGANISATIONAL RELATIONSHIPS

The appointee will provide leadership in teaching, research and professional activities. The appointee will interact regularly with students, other staff within the University, peers in other universities, both nationally and internationally, and with community, professional and industry organisations.

## PRINCIPAL ACCOUNTABILITIES

The appointee is responsible for:

- Academic leadership and professional expertise in medical radiation science, medical physics and advanced diagnostic imaging systems and instrumentation.
- Program and course development, maintenance and delivery, ensuring relevance and curriculum quality.
- Teaching, research, scholarly publication and the generation of research funding.
- On-going development of the School and Faculty, including maintenance of industry links and partnerships, and local and international recruitment.
- Supervising honours and postgraduate students, ensuring successful and timely completions.
- Contributing to the administration of the School, Faculty and University.

## TYPICAL DUTIES

The duties and responsibilities of this position include, but are not limited to:

### Teaching, Learning and the Student Experience

- Making an outstanding contribution to the Faculty's undergraduate and postgraduate teaching programs that is consistent with the University's strategic plan and core commitments.
- Undertaking teaching related duties in a manner consistent with the University's principles of teaching, learning and the student experience.
- Assisting with the development and delivery of assessment for the Bachelor of Medical Imaging degree.
- Contributing to the development and delivery of an innovative academic program. in Medical Imaging and in other disciplines as appropriate
- Contributing to the supervision of honours and HDR students, ensuring successful and timely completions.
- Advising and supporting the development of students regarding teaching and learning.

### Research

- Making a significant contribution to research and scholarly publication in medical radiation science.
- Contributing to the development and implementation of collaborative research projects, including those with junior colleagues and postgraduate students within the School and Faculty.
- Securing external research funding through competitive grants and clinical and industry partnerships.

### Service

- Contributing to the management of research, teaching and learning programs within the School, Faculty and University.
- Contributing to the development and maintenance of links with industry and professional groups.
- Performing administrative tasks commensurate with position responsibilities and contributing to processes that enable the effective operation of the School and Faculty.

- Promoting the School and Faculty to prospective students and relevant professional, industry and government bodies in Australia and internationally.
- Attending appropriate staff development courses as the need arises and participating in the University's Performance Planning and Review program.
- Taking part in School, Faculty and University committees at the request of the Head of School and Pro Vice-Chancellor.
- Undertaking mentoring of more junior academic staff.
- Carrying out other duties as directed by the Head of School or Pro Vice-Chancellor.

#### Occupational Health and Safety

- Promoting and providing a safe working environment for students, staff and visitors with attention to the requirements of relevant Occupational Health and Safety, Workers Rehabilitation and Compensation, and Equal Opportunity Acts.

### **SELECTION CRITERIA – ESSENTIAL**

#### Qualifications

- PhD or Master's degree in a relevant field (or equivalent).

#### Experience, Knowledge and Skills

##### Academic Leadership

- Demonstrable academic leadership and professional expertise in medical radiation science, advanced diagnostic imaging systems and instrumentation, and applied medical physics.
- Outstanding interpersonal skills that demonstrate ability to establish and maintain effective working relationships with students, the staff of the School and Faculty, and with other members of the University and the wider community.
- Evidence of ability to work collaboratively and effectively within university systems, committee and board structures, and decision making processes.

##### Teaching

- A record of achievement in teaching and supervision at undergraduate and postgraduate levels.
- Experience in the development and delivery of university teaching and learning
- Capacity to prepare and deliver teaching and learning, on and off-campus using flexible and on-line delivery methods.
- Ability to contribute to the Faculty's undergraduate and postgraduate teaching programs in a manner that influences, motivates and inspires students to learn.
- Ability to contribute to the development of curricula and resources in medical radiation science, advanced diagnostic imaging systems and instrumentation.
- Ability to communicate effectively with students, colleagues and the public, orally and in writing.

##### Research

- Capacity to contribute to a program of research.
- A record of publication peer reviewed journals.
- Ability to secure nationally competitive and/or industry research funding.

##### Other

- Demonstrated ability to contribute to the development and maintenance of partnerships with professional associations, other educational institutions and industry.
- Demonstrated commitment to equal opportunity principles and practices and health and safety.

#### Personal Qualities

- Demonstrated personal qualities of innovation and high motivation.
- Ability to adapt to changes in the environment and effectively meets new challenges.
- Commitment to the University's mission, core commitments and values which include excellence, academic freedom, collegiality, continuous improvement, ethical behaviour, accountability and environmental responsibility.

## SELECTION CRITERIA – DESIRABLE

It is desirable for the appointee to have:

- Current professional registration in diagnostic medical imaging
- Experience in administration of academic programs, including assessment