



SENIOR LECTURER (ANATOMY AND DEVELOPMENTAL BIOLOGY)

DEPARTMENT/UNIT

Anatomy and Developmental Biology, School of Biomedical Sciences

FACULTY/DIVISION

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 University's largest research faculty. World-class researchers work across disciplines including laboratory-based medical science, applied clinical research, and social and public health research. The Faculty is home to a number of leading medical and biomedical research institutes and groups, and has contributed to advances in many crucial areas. Our expertise in life sciences and biomedicine is recognised both nationally and internationally. From a teaching perspective, our education curriculum covers a range of disciplines, including medicine, nursing, radiography and medical imaging, nutrition & dietetics, paramedic studies, biomedical sciences, physiotherapy, occupational therapy, behavioural neurosciences and social work. We take pride in delivering outstanding education in all courses, in opening students to the possibilities offered by newly discovered knowledge and in providing a nurturing and caring environment.

To learn more about the Faculty, please visit www.med.monash.edu.au/.

The **Monash Biomedicine Discovery Institute (BDI)** is one of the largest and most dynamic biomedical research and teaching environments in Australia. The Institute and its cognate Departments of Anatomy and Developmental Biology, Biochemistry and Molecular Biology, Microbiology, Pharmacology and Physiology comprise over 120 research groups and deliver discipline-focused teaching into our flagship Bachelor of Biomedical Science Degree, the Bachelor of Science Degree, as well as the Medical School and various Health-related Degree Programs. We pride ourselves on an excellent and evolving teaching curriculum and provide world-class teaching and learning space for Biomedical Sciences.

The BDI comprises six inter-disciplinary health-focused research Programs, each led by a renowned leader in the field. The BDI programs include Infection and Immunity, Cancer, Cardiovascular Disease, Development and Stem

Cells, Metabolism, Diabetes and Obesity and Neuroscience. The BDI works closely with clinical and drug development precincts at Monash and has a number of major industry partnerships to facilitate the translation of our research.

For more information about the BDI please visit our website at www.monash.edu.au/discovery-institute.

The **Department of Anatomy and Developmental Biology** is one of five departments of the School of Biomedical Sciences. It is one of the strongest research and teaching departments in the field. Staff and students are accommodated in high quality research space with easy access to all of Monash University's research platforms. Areas of research expertise include renal and lung biology, epithelial and reproductive biology, inflammation, embryology, cancer, stem cell biology and regenerative medicine.

The department is responsible for the delivery and coordination of the developmental biology major within the BSc course, and the teaching of human anatomy in the medical, physiotherapy, radiography, biomedical science and science degrees (including a major in developmental biology). Teaching is conducted at both the undergraduate and postgraduate levels.

Further details about the department can be found at: www.med.monash.edu.au/anatomy/.

The **Centre for Human Anatomy Education** (CHAE) has been established within the Department of Anatomy and Developmental Biology to ensure that undergraduate and postgraduate human anatomy education at Monash is of the highest national and international standard. The role of the Centre includes:

- Collaboration with end users to ensure that anatomy education is relevant to the discipline and efficiently delivered
- Enhancement of existing approaches and development of novel approaches to anatomy education. The Centre will give particular emphasis to the development and use of modern multimedia and high end technology in anatomy teaching
- Promotion of cross disciplinary and inter professional approaches to anatomy education
- Conduct of research into the delivery and efficacy of new teaching approaches
- Analysis and reporting on national and international trends in anatomy teaching

To learn more about the Centre please visit our website at <http://www.med.monash.edu.au/anatomy/info/centre.html>.

POSITION PURPOSE

A Level C academic makes significant contributions to the teaching effort of a department, school, faculty or other organisational unit or an interdisciplinary area. An academic at this level also plays a major role in scholarship, research and/or professional activities.

The Senior Lecturer also makes significant contributions to the teaching efforts of the Centre of Human Anatomy Education in the Department of Anatomy and Developmental Biology. The incumbent will maintain, develop and promote cross-disciplinary and inter-professional approaches to anatomy education, in an evidence-based manner.

The Senior Lecturer will also establish and supervise the Centre for Human Anatomy Education body donation program, and develop and assist in delivery of a Masters in Surgical Anatomy.

The purpose of the position is to play a significant role in educational scholarship and/or professional activities commensurate with their level of appointment.

Reporting Line: The Senior Lecturer reports to the Director of the Centre for Human Anatomy Education

Supervisory Responsibilities: Not applicable

Financial Delegation: Not applicable

Budget Responsibilities: Not applicable

KEY RESPONSIBILITIES

Specific duties required of a Level C academic include:

1. Develop new course materials and innovative teaching approaches in the areas of topographical anatomy, applied or functional anatomy, and/or radiology/medical imaging, with a focus towards program development of the Masters of Surgical Anatomy
2. Initiate and develop effective teaching strategies in anatomical sciences, particularly in the area of education or technology assisted learning; focusing these innovations on existing best practices and evidence within the field
3. Coordinate several course units and/or discipline threads within larger units
4. Prepare and deliver appropriate learning content, within the discipline of anatomy, at a high standard of excellence into medical (undergraduate and postgraduate admission), biomedical science, developmental biology, physiotherapy, radiography and/or other allied health programs
5. Design and conduct practical classes and coordinate demonstrator/tutor-delivered content as well as facilitate demonstrator/tutor professional training
6. Coordinate assessment (setting questions, marking) and consult with curricular committees and undergraduate student representatives
7. The candidate will be asked to take particular responsibility for establishing and supervising the body donation program underlying the undergraduate and graduate anatomy programs

KEY SELECTION CRITERIA

Education/Qualifications

1. The appointee will have:
 - A doctoral qualification in a relevant area of anatomical sciences or associated discipline with relevant research experience; or
 - equivalent accreditation and standing and/or recognised significant experience in the relevant discipline area

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. Expertise in teaching (undergraduate and postgraduate) and research in the anatomical sciences, particularly topographical and clinical or applied anatomy. Documented evidence of scholarly activity (through coursework development and/or peer-reviewed publications) in these areas would be desirable
3. Experience with cadaver-based anatomy education. Prior experience contributing to or supervising a body donation program is valuable
4. High degree of motivation, dedication and creativity as a teacher and researcher
5. Ability to work independently and as a member of a team. This would include an understanding of the importance of contributing to Centre staff meetings and departmental/school/faculty committees
6. Ability to convey information in both teaching and research in a clear, concise and interesting manner.
7. Experience in supervising undergraduate or honours students is strongly desired

8. Experience in curricular development and/or refinement of courses and course materials, for undergraduate and/or postgraduate students
9. Experience in development and delivery of course materials for use in medical and allied health professional curricula
10. Willingness to collaborate in teaching and research programs in the Centre/Department/School and with hospital based clinicians

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

LEGAL COMPLIANCE

Ensure you are aware of and adhere to legislation and University policy relevant to the duties undertaken, including: Equal Employment Opportunity, supporting equity and fairness; Occupational Health and Safety, supporting a safe workplace; Conflict of Interest (including Conflict of Interest in Research); Paid Outside Work; Privacy; Research Conduct; and Staff/Student Relationships.