

POSITION DESCRIPTION

Senior Lecturer in Sonography

Reports to:	Programme Director – Doctor of Medicine
Division:	Division of Health
Tenure:	Continuing
Location:	Hamilton
Date:	December 2025

Vision

Ko te tangata

A research-intensive university providing a globally connected, innovative and inclusive studenty experience in an environment characterised by a commitment to diversity, respect for Indigenous knowledge, and high levels of community engagement.

Values

Ko te mana o Te Whare Wānanga o Waikato ka herea ki tō tātou:

- Tū ngātahi me te Māori
- Mahi pono
- Whakanui i ngā huarahi hou
- Whakarewa i te hiringa i te mahara

The University of Waikato places a high value on:

- Partnership with Māori
- Acting with integrity
- Celebrating diversity
- Promoting creativity

1. GENERAL

The Division of Health is committed to addressing health inequities and preventable conditions, with a particular focus on improving outcomes for Māori and Pacific communities. It advances equitable health outcomes across Aotearoa through innovative research and high-quality teaching in Biomedical Sciences, Health Promotion, Healthy Active Living, Human Performance Science, Midwifery, Nursing, Pharmacy, and Sport Development and Coaching. In 2028, the Division of Health will welcome the inaugural cohort of students to the New Zealand Graduate School of Medicine (NZGSM).

Our work is guided by:

- Partnership with Māori under Te Tiriti o Waitangi, embedding mātauranga Māori and supporting hauora Māori outcomes.
- Commitment to equity, diversity, and inclusion.
- Integrity, respect, and professionalism in all interactions.
- Creativity and innovation in teaching, research, and service.

2. POSITION PURPOSE

To contribute to teaching, postgraduate supervision, research, service, and leadership within the Division of Health, with specific responsibilities related to Sonography and Point of Care Ultrasound (PoCUS) education. This includes curriculum development, clinical skills training, industry engagement, and supporting the development of ultrasound capability across medical and interprofessional programmes.

Many of the tasks in the Lecturer to Professor range are common to each level, but as staff members advance in their careers they are expected to perform the tasks at a higher level. This may be evidenced by an increase in the quality of teaching performance; a greater contribution to the advancement of the discipline through achievements in research and scholarship and/or artistic or professional practice; increased leadership; and a greater contribution to university administration, academic matters more generally and/or external engagement.

3. ACCOUNTABILITY

The Senior Lecturer in Sonography will:

- Report to the Programme Director – Doctor of Medicine.
- Be accountable to the Dean of the New Zealand Graduate School of Medicine who in turn reports to the Pro Vice-Chancellor Health.

4. KEY RELATIONSHIPS

Internal: Pro Vice-Chancellor
Dean, New Zealand Graduate School of Medicine
Programme Director – Doctor of Medicine
NZGSM leadership team.
Strategic Lead – Medical School Accreditation and Operations
Other Domain Leads, Year Leads, clinical partners and educational specialists
Division of Health Senior Leadership Team

External: Primary care providers, Health New Zealand, iwi and Māori health provider, Pacific health providers, individuals and community partners

5. KEY RESPONSIBILITIES

Having regard to the aims, objectives and long-term strategic goals of the School, the Division and the University, the primary objectives required of a Senior Lecturer include the following:

5.1 Teaching and Learning

- Prepare and deliver research-informed lectures, seminars, workshops, and practical ultrasound teaching.
- Design, develop, and deliver curriculum integrating diagnostic ultrasound and PoCUS into medical and interprofessional programmes.
- Develop digital anatomy teaching that integrates ultrasound for enhanced clinical reasoning.
- Coordinate papers as required, including development, assessment, review, and quality assurance.
- Develop and deliver online and blended-learning materials.
- Contribute to or be responsible for paper co-ordination and delivery. This includes administration; initiating and developing material; appraisal, review and evaluation of programmes and papers; development of the curriculum; developing and delivering on-line papers, where appropriate; and updating teaching resources and materials.
- Carry out marking and assessment activities including the setting of examinations.
- Be readily available to advise and meet with students including maintaining regular office hours.
- Contribute to the curriculum development and subsequent teaching in the NZGSM.

Supervision

- Supervise Honours and Masters students.
- Where appropriate, be Chief Supervisor for PhD students.
- Supervise student work-integrated learning experiences, as required.

Research

- Maintain an active research programme in areas related to sonography, PoCUS, medical imaging innovation, health workforce development, or related fields.
- Publish in high-quality journals and present at conferences.
- Build national and international research collaborations, including with Pacific partners.
- Seek external research funding where appropriate.
- Engage in innovation such as exploring the use of AI to support remote ultrasound skill development.

Service and Administration

- Support professional development of faculty through PoCUS skills training.
- Contribute to interprofessional programme development with Nursing, Midwifery, and other health disciplines.
- Participate in University and Division committees and working groups.

- Support community-focused PoCUS initiatives that build regional workforce capability.
- Contribute to income-generating activities such as PoCUS workshops.

International & Industry Engagement

- Maintain relationships with healthcare organisations in the Pacific Islands.
- Leverage strong relationships with ultrasound equipment providers using a vendor-agnostic approach to optimise educational access.

Other

- Participate in the maintenance of a safe and healthy work environment for self and others including students. Comply with and undertake responsibilities set out in the University's Health and Safety Policy.
- Any other duties as required that are consistent with the position held, other than in exceptional circumstances such as rehabilitation after injury or sickness.

NOTE: Staff have an annual Objectives, Development and Reflection (ODR) meeting with their manager. New staff normally attend such a meeting approximately three months after taking up their appointment.

6. PERFORMANCE STANDARDS

The Senior Lecturer will be performing satisfactorily when:

- Teaching and associated duties are fulfilled to a high level as defined by School norms and expectations including paper appraisal and teaching evaluation.
- Student learning, at all levels, is appropriately facilitated in accordance with the School, Division and University goals and objectives.
- Personal and/or team research and scholarship activities yield demonstrable outcomes normally evidenced by continued publications in books and refereed journals, presentation or publication of conference papers and/or performance/works of art/other non-print media outcomes, as appropriate.
- Active engagement in interprofessional education and PoCUS development initiatives.
- Research collaborations are developed.
- Research grant applications are submitted.
- Regular contributions are made to appropriate professional and/or community/iwi groups and/or in a public service or University or national representation capacity.
- Regular contributions are made to School and Division administration, as appropriate, relative to workload norms and expectations.
- Safe and healthy work practices are followed. University policies and procedures, relevant work standards and statutory obligations are complied with.
- A commitment to Te Tiriti o Waitangi is demonstrated.
- Te Ao Māori, mātauranga Māori, and te reo Māori are incorporated in teaching and research.

PERSON SPECIFICATION

EDUCATIONAL QUALIFICATIONS

Essential

- A PhD in a relevant discipline OR equivalent scholarly/professional standing in ultrasound/sonography

SKILLS, KNOWLEDGE AND EXPERIENCE

Essential

- Demonstrated excellence in teaching, including practical clinical instruction.
- Experience in curriculum development, including digital and interprofessional teaching.
- Ability to lead development of PoCUS programmes and hands-on training from introductory to advanced levels.
- Strong knowledge of diagnostic ultrasound, PoCUS, and related clinical applications.
- Ability to integrate technology and innovative teaching methods, including remote learning tools and AI-assisted skill development.
- Proven record of research output and publications commensurable with level of appointment and career stage.
- Demonstrated success in undergraduate teaching including the ability to lecture to large numbers and conduct small group seminars and tutorials effectively.
- Ability to contribute to the graduate and postgraduate programme including the supervision of Honours, Masters and PhD students.
- Demonstrated commitment to using innovative teaching methods and materials e.g. online and distance delivery techniques, team teaching skills.
- Evidence of ability to conduct and publish research demonstrated by conference presentations and the quality of doctoral/masters research.
- A proven ability to communicate effectively with students and staff.
- An interest and willingness to contribute to School and University administration matters.
- Demonstrated ability to master existing and new theories, models and approaches in the relevant discipline.
- Ability to apply information and communication technologies to achieve desired outcomes and maintain and update those skills.
- Time management skills.

PERSONAL QUALITIES

- Self-motivation and a pro-active approach including a demonstrated commitment to innovation.
- Demonstrated capacity to work effectively as a member of a team.
- Proven ability to maintain a professional approach while under pressure.
- Ability to relate effectively and sensitively to students and staff from a variety of backgrounds and cultures.
- Commitment to a culture of openness, flexibility and cooperation to achieve excellence in contract research and service.
- A commitment to equal opportunity and to the University's partnership with Māori as intended by the Te Tiriti o Waitangi.