



#### ROLE DESCRIPTION

## Professional Practice Fellow Kairuruku Ritenga Utua

#### PRIME FUNCTIONS

Professional Practice Fellows are qualified professionals who support teaching (including administrative aspects), teach or provide training in their professionally based area.

Professional Practice Fellows are required to maintain professional expertise and where relevant accreditation through continuing professional development and by working in their area of professional expertise, either within the University or outside the University.

Research is not required although Professional Practice Fellows may provide professional input into a research project.

#### TEACHING OBJECTIVES

1. Present lectures, tutorials, seminars, laboratories, and workshops.
2. Support and undertake teaching to a standard that meets the quality standards expected in the Department/School/Division and profession/discipline.
3. May convene papers, modules or courses (normally Band 2 only).
4. Ensure materials for delivery of classes are prepared and assigned as per the paper and course requirements.
5. Assist with the preparation and development of course material, course plans, assessment criteria and feedback approaches to support the paper and course activities.
6. Invigilate and mark assessment exercises and provide feedback to students on their progress towards learning outcomes.
7. Coordinate the marking process and ensure the provision of constructive and timely feedback.
8. Provide appropriate pastoral support to students.
9. May provide course advice to students as a recognised and trained adviser.
10. Support the professional understanding and teaching capacity of University staff, working collaboratively with academic and professional staff.
11. Share professional practice expertise with colleagues within the Department.
12. Facilitate and support the use of appropriate tools and technology in the delivery of teaching, including for on-line learning.

#### PROFESSIONAL PRACTICE

1. Maintain own teaching practice, evidenced by the ability to demonstrate knowledge of developments including technical or discipline changes.
2. Maintain, as appropriate, vocational, or professional registration or other professional requirements.
3. Be actively involved in professional organisations or groups relevant to their practice.
4. Maintain an awareness of research developments in the discipline.
5. Maintain best practice in their profession.

## RESEARCH AND SCHOLARSHIP ACTIVITIES

*The opportunity to undertake research is subject to Department, School or Divisional requirements.*

1. May work towards a tertiary teaching, postgraduate or professional qualification.
2. May assist academic staff in the development of research programmes by contributing a practice- or profession-based perspective.
3. May provide professional expertise to postgraduate students or their supervisors.

## SERVICE

1. Share knowledge with and contribute to the University and broader community.
2. Contribute to the academic goals of the Department, School and Division by applying and sharing knowledge in their discipline.
3. May be required to undertake management/leadership roles within the University and/or community at a level consistent with their band.

## RELATIONSHIPS

<b>Directly responsible to:</b>	Head of Department, or Senior PPF, Senior TF or other Academic staff member under the overall direction of the HoD.
<b>Supervision of:</b>	May supervise at low levels e.g. Tutor & Demonstrators.
<b>Functional relationships with:</b>	Students. Academic staff. General Staff. Others in the profession. Professional organisations.

## QUALIFICATIONS AND EXPERIENCE

### Essential

1. Appointments to Band 1 may be a relatively recent graduate in their profession.
2. Appointments to Band 2 will typically have several years' experience in their profession.
3. Bands 1 & 2 have registration and, where required, membership of relevant professional body.

### Preferred

1. Hold, or be studying towards, a higher degree or tertiary teaching qualification.
2. Professional Practice Fellows appointed to Band 2 may have advanced professional qualifications.

## MĀORI STRATEGIC FRAMEWORK

Act in a manner consistent with the principles and implications, as well as the University's commitment to te Tiriti o Waitangi as articulated in the Māori Strategic Framework.

## PACIFIC STRATEGIC FRAMEWORK

Act in a manner consistent with the strategies and goals contained in the University's Pacific Strategic Framework, role-modelling and promoting Pacific values, equity and diversity principles and cultural safety practices.

## SUSTAINABILITY

Act in a manner consistent with the University's sustainability commitments; role-modelling sustainable practices, with a particular emphasis on minimising the environmental impact of day-to-day activities.

## SCHOOL OF GEOGRAPHY ADDENDUM

### SPATIAL DATA ANALYSIS

1. Develop and deliver teaching modules for practical classes at all levels of the curriculum as required. Contributions will be across the whole school and are likely to be focussed specifically on the core papers required for degrees (both undergraduate and postgraduate) that are taught each year.
2. Maintain an expert knowledge of key software including but not limited to ArcGIS, QGIS, Pix4D, Agisoft, QPS encompassing Qinsy, Qimera, Fledermaus, various qualitative GIS software such as mappionaire, SoftGIS.
3. Oversight of the management of the use, development and maintenance of spatial data analysis facilities.
4. Provide advice to the HoS and staff on geospatial computer infrastructure.
5. Oversight of the School of Geography's modelling facilities.
6. Monitoring software licensing.
7. Interacting with ITS staff responsible for hardware and software maintenance.

### RPAS/UAV OPERATIONS

1. Develop and contribute to teaching modules for training students in a variety of teaching and research settings, such as tutorials, fieldschools, and formal classes at both undergraduate and postgraduate levels across the school.
2. Develop and implement best-practice SOP's for data collection to optimise data collection, flight planning and meeting legal requirements.
3. Ensure users have appropriate certification and compliance
4. Provide advice and training for staff and postgraduate students
5. Achieve and maintain CAA 101 and 102 certification as appropriate
6. Oversight of the management of the School's RPAS/UAV fleet

### GNSS DATA ACQUISITION

1. Develop and deliver teaching modules for practical classes at all levels of the curriculum as required. Contributions will be across the whole school and are likely to be focussed specifically on the core papers required for degrees (both undergraduate and postgraduate) that are taught each year.
2. Provide tutorials and one-on-one training for students and staff
3. Provide advice for staff and students in the use, acquisition and processing of GNSS data  
Maintain and develop access to GNSS for staff and students in the School of Geography  
Develop and maintain training guides for key equipment
4. Provide oversight of the management the School's GNSS equipment
5. Liaise with School of Surveying staff to facilitate sharing equipment

### CARTOGRAPHY AND ILLUSTRATION

1. Provide cartographic and illustration services for School of Geography staff
2. Support staff in the development and design of graphics
3. Provide cartographic and illustration advice and support for postgraduate students