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## Details

**Roberta Mura – Faasavalu**

**Samoa Resident, Malololelei**

**Australian Citizen**

**Extensive Experience in different Fields of Teaching and Research**

**Currently registered with Queensland College of Teachers**

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## Employment

**July 2017- current**

**Academic:**

Foundation Biology Lecturer and Coordinator – National University of Samoa (NUS)

Marine Ecology Lecturer (NUS)

Development of courses programme and implementation

Climate change Community Education programmes

Liaising and collaborating with local and regional Environmental and Conservation NGOs

Liaising and developing collaboration via MoUs with overseas Institutions and NGOs.

Development of NUS Herbarium collection (Curation and maintenance)

Liaising and collaborating with Government Ministry Divisions

Moderator and Examiner for the National Exams (year 12 and 13, 2017-18) for the Ministry Of Education, Sport and Culture (MESC)

**Research:**

Revegetation of mangroves in degraded coastal village area pilot project.

Allelopathy in invasive species,

Marine and Land pollution.

Conservation and Biodiversity in endemic plant and animal species.

Presented own research at the Science Conference (NUS-SPREP), November 2017, and at the Samoan Conference IV, September 2018.

**January 2015 – January 2016**

**Our Lady of the Sacred Heart College, Sadadeen Campus, Alice Springs, NT, Australia**

HoD Science (administrative duties, coordinating Faculty curriculum and 6 staff)

Senior Biology Teacher: year level 11 and 12 – SACE

Scientific Studies (Forensic Studies: developed course programme): year 12 –SACE

Science year level 9 and 10

Pastoral Care: Homeroom duties

Evaluation of Master student teacher' practicum University of Tasmania

**May 2014 – December 2014**

**Angurugu School, Groote Eylandt, Eastern Arnhem Land, NT**

Emergency and then contracted Classroom teacher

Literacy and numeracy Indigenous students (boys only class:10 to 14 years old)

**March - April 2014**

**Maningrida, Arnhem Land, NT, Australia**

Emergency relief: Indigenous Students Assessment Tests

**February 2014 – March 2014**

**Borroloola Secondary School, Gulf of Carpentaria, NT, Australia**

Emergency relief: subjects as per Australian Curriculum delivered to Indigenous Students (ESL)

**July 2013 – February 2014**

**St. Philip's College, Alice Springs, NT**

**Subject taught:**

- Relief teaching to senior classes NTCET Biology, Chemistry, English, Junior – middle school Science, Chemistry, Geography

**Centralian Senior College, Alice Springs, NT, Australia**

**Subject taught:**

- Relief Teaching Miscellaneous Senior subjects

**Owen Springs Education Centre, Northern Territory**

**Subject taught:**

- Literacy, numeracy and Science to indigenous students (3 weeks contract)

Assist new Teachers (methodology/ pedagogy/resources)

Numeracy and literacy assistance to indigenous disadvantaged students

**January 2013 – June 2013**

**Kormilda College, Darwin, Northern Territory**

**Science and Chemistry Teacher**

**Subject taught:**

- Year 11 - 12 IBDP Chemistry
- Year 11 – NTCET Chemistry
- Year 10 - MYP Chemistry
- Year 6 - 7 MYP Science

Tutoring resident Indigenous secondary students

**June 2012 – November 2012**

**Seventh Day Adventist College, Samoa**

**Biology Teacher (Australian and New Zealand Curricula)**

**Subjects taught:**

- Year 12 – Biology
- Year 13 – Biology

**February 2012 – December 2012**

**Peace Chapel Christian School, Samoa**

**Mathematics and Science Teacher (Australian and New Zealand Curricula)**

**Subjects taught:**

- Year 7 – 8 Mathematics
- Year 7 – 8 Science

**February 2010 – August 2010**

**Chanel College, Samoa**

**Biology and Chemistry Teacher (Australian Curriculum)**

**Subjects taught:**

- Year 11 – 12 Biology
- Year 11 – 12 Chemistry

**2007 – 2009**

**Saint Joseph's College, Mildura, Victoria**

**Head of Department - LOTE**

**Subjects taught:**

- Year 7 – 12 Italian
- Year 8 and 10 Science

**Responsibilities:**

- Ideation and Implementation of new bilingual LOTE (Italian) course in keeping with VELS criteria (Victorian Educational Standards).
- Co-ordination and induction of staff relative to the preparation of their own course programmes.

- Research and preparation of new resources catering for increasingly new and shifting students' interests.
- Preparation of new units including essential language material.
- Incorporation and Implementation of IT component in the LOTE teaching.
- Organisation and Augmentation of funds for IT resources and equipment.
- Collaborative cross-curricular unit development.
- Development and management of Italian School Blog "Spazio Italiano".
- Management and professional development of 5 staff.

**2005 - 2006**

**Caloundra State High School, QLD**

**Italian Teacher**

**Subjects taught:**

- Year 8 - 10 Italian

**Responsibilities:**

- Programming and preparation of documents for the implementation of European Languages Immersion in the Caloundra State High School.
- Ideation and preparation of a new web page for European LOTE studies.

**2005**

**Private Italian Tutor**

**Responsibilities:**

- Taught adults and Teenagers

**2005**

**Talara Primary College, QLD**

**Italian Teacher**

**Subjects taught:**

- Year 6 - 7 Italian

**2005**

**Translator**

**Responsibilities:**

- Translating official and unofficial documents for the Italian School Committee, Sunshine Coast, Qld.

**2002 - 2004**

**Stanthorpe State High School, QLD**

**Immersion Science/Italian Teacher and Form Teachers - Years 9 and 10**

**Subjects taught:**

- Year 8 - 11 Italian
- Year 8 - 10 Science Immersion
- Year 9 Science Immersion

**Responsibilities:**

- Translation, adaptation and correction of Science Units (English to Italian)

**2002 - 2004**

**Dante Alighieri Society**

**Adult Teacher**

**Responsibilities:**

- Development and Implementation of Elementary to Advanced combined classes for professionals.

**2002 - 2004**

**Translator**

**Responsibilities:**

- Translation of official and unofficial documents for School and privates, between Local and Foreign Governments.
- Liaising with Consular officials.

**2002****Centrelink, Australian Federal Government****Italian Interpreter****2000****Kelvin Grove State High School, QLD****Science Teacher****Subjects taught:**

- Year 11 – 12 Chemistry
- Year 7 – 10 Science

**1999 – 2000****Robert Louis Stevenson HS, Apia, Western Samoa****Teacher, Physics, Mathematics, Science and Environmental Studies Teacher****Founder and Director of Youth Counselling “Nofoaga o’ le Filemu” – NGO - Samoa****1998****Robert Louis Stevenson Primary and Secondary Schools, Apia, Western Samoa****Casual Science Teacher****1998****MacGregor State High School, QLD****Science Teacher****Subjects taught:**

- Year 11 – 12 Biology
  - Year 11 Multi-strand Science
  - Year 10 Science
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## Qualifications and Experience

1997

Post Graduate Diploma of Education

University of Queensland

1996

Translation from the French into English of “The Application of E.L.I.S.A. the Diagnosis of *Strongyloides* Infections” by J. Tribouley et al.

Attended conference of the Ecology Society of Australia in Townsville, presenting the research-poster “A New Pollination Mechanism”.

1996-1995

Research Assistant in Evolutionary Genetics, Dr. J. Playford, Botany Dept. University of Queensland, St. Lucia Campus. Investigation of the genetic diversity in wild *Macadamia sp.* populations in South East Queensland and Northern New South Wales. Laboratory supervision and assistance to Honours students.

1995

PhD

Ph D candidature with the University of Queensland, Department of Agriculture, under the supervision of Dr. B. J. Carroll, Dr. C.L. McIntyre and Dr. N. Berding. Research topic on biochemical and molecular markers (AFLPs, RFLPs, ISSRs) application to diversity studies in *S. officinarum*, and

markers assisted selection on *S. officinarum* x *S. robustum* hybrids. (For the amelioration of sugar cane cultivars to increase production, and resistance to diseases)  
University of Queensland, QLD

1993

First Class Honours – Plant Systematics

First Class Honours Degree at James Cook University. Thesis: "Studies on the *Desmanthus virgatus* complex". Original Research on anatomical, cytological, biochemical, and breeding systems of a fodder crop plant, introduced in Australia by C.S.I.R.O.

James Cook University

1993

Demonstrator first year Microbiology (JCU) - MI 2010

Demonstrator second year Marine Botany (JCU) - BT 2250

Demonstrator first year Cell Biology and Genetics (JCU) - BZ1020

Tutor second year Genetics (JCU) - BT 2290

1992

Translation from French into English of the Thesis by Philippe Feldman "Analysis of the enzymic polymorphism in the sugar cane *Saccharum* sp. - Utilisation in the research of the variability after culture *in vitro*".

Demonstrator first year Botany (JCU) - BT 1020

Demonstrator second year Microbiology (JCU) - BT 2270

Demonstrator second year Marine Botany (JCU) - BT 2250

Preparation of rainforest specimens for the James Cook University Herbarium Collection.

Cytological studies on *Bothriochloa pertusa* under Dr. L. M. Bielig, JCU Contributed to consultant's report to CSIRO, Davies Laboratories, Townsville.

1991-1992

Research assistant in Plant Population Genetics under Professor B. R. Jackes, James Cook University. Biochemical analysis of interspecific variation of rainforest *Cissus* spp.

1991

Bachelor of Science Degree

Double Major in Botany and Biochemistry, James Cook University, Townsville

1990

Scholarship

Project on alternative respiration and its inhibition in plant mitochondria, under the supervision of Dr. J. T. Wiskich and Dr. J. Siedow (Duke University, USA)

Adelaide University

1987-1985

Administration of Pukatja Community Store, and training of its personnel. Ernabella, Pitjanjara Land, Northwest South Australia.

1978

Scientific and Humanistic Diploma

Final State Examination conducted in the following subjects:

Compulsory subjects: Italian Contemporary Literature, Mathematics

Elective subjects: Physics, French Literature (in French)

Liceo Scientifico A. Pacinotti, Cagliari, Italy

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## Professional Development

- ALNF Course, 2 days – Dugong, Groote Eylandt, 2014
- Teaching in the 21<sup>st</sup> Century, Alyangula, 2014
- Online Course IBDP Teacher in Chemistry, 2013
- Presenter and Trainer in the Fraser Island in-Service Retreat for Teachers of Italian, organised by the Italian School Committee in collaboration with the University of Sunshine Coast and the Italian Consulate Brisbane.
- Training included the study of the environment and environmental issues to be delivered to students in Italian.

- Ideation, Development and Presentation - Science Immersion Workshop.
  - Collaborative ideation and preparation of a philosophical and theological exchange between Italy (Assisi) and Samoa.
  - Collaborative ideation and preparation of a Euro - Australian educational project.
  - Authentic Leadership Workshop - Mildura, December 2007
  - Podcasting for the Classroom – Mildura, December 2007
  - Integrating VELS Italian and Arts domains: An Italian Journey - National Gallery of Victoria, Melbourne, November 2007
  - Integrating technology into the curriculum: Intel Teach to the Future – Sunshine Coast, October 2008
  - Judge: A Taste of Italy – Sunshine Coast, August 2005
  - Presenter: Extended Learning Program – Stanthorpe, November 2004
  - Code of Conduct Training – Stanthorpe, April 2004
  - Computer skills – Commercial Studies Centre, Townsville, August 1987
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## **Professional Associations**

- Teacher Registration Board of Northern Territory 12335 - OCHER number: 65020
  - Teachers Registration Board of South Australia 599466 - CRC on 06/10/2009
  - Queensland College of Teachers 779661 - CHC on 28/01/2009
  - Victorian Institute of Teaching 329992
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## **Skills**

- Computer knowledge Windows and Mac OS platforms
- Word processing, Spreadsheet, Troubleshooting. WEB2, Podcasting, Multimedia preparation and utilization
- Photography, Painting and Design
- Written and oral communication in English, Italian and French
- Knowledge of Latin, Japanese, German and Samoan