

**DEPARTMENT OF NURSING AND MIDWIFERY
POTENTIAL PHD SUPERVISORS AS AT OCTOBER 2007**

Name	Position	Academic Qualifications	Area of Expertise
A/Prof Don Gorman	Senior Lecturer/ Acting Director - Centre for Rural and Remote Area Health	RN (EndMH), DipNEd, BEd, MEd, EdD, FANZCMHN, FRCNA, MAARN.	Mental health Cross-cultural healthcare
Dr Cheryl Perrin	Senior Lecturer/ Post-Registration Nursing Coordinator	RN, BHS With Distiction, GradDipED (Nursing), MN, EdD.	Nursing Fundamentals Leadership and management Nursing standards and competencies Advanced practice competencies
A/Prof Roslyn Reilly	Senior Lecturer/ Master of Nursing Coordinator	RN, RM, DipNEd, BEdSt, MN, EdD, FRCNA.	Preparation for beginning professional practice Clinical education Medical-surgical nursing, Law and Ethics Primary Health Care Introductory nursing Research
A/Prof Cath Rogers- Clark	Head of Department	RN, BA (Behav.Sc) With Distinction, MN, PhD.	Women's health research Feminist methods, narrative methods, survey research Psycho-oncology (breast cancer)
A/Prof Trudy Yuginovich	Senior Lecturer/ Nursing & Midwifery Coordinator – Wide Bay Campus.	RN, RM, PhD, FRCNA.	Remote and rural health and nursing Midwifery Problem based learning Clinical teaching

Department of Psychology

2007 Staff Research Expertise

Dr Majella Albion

Telephone: +61 7 4631 1672

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Facsimile: +61 7 4631 2721

Research Interests:

- Organisational Psychology
- Gender Issues

Associate Professor Paul Bramston

Telephone: +61 7 4631 2932

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Facsimile: +61 7 4631 2721

Research Interests:

- Health Psychology
- Emotion
- Rural and remote community psychology
- Intellectual disability

Dr Lorelle Burton

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Facsimile: +61 7 4631 2721

Research Interests:

- Personality
- Cognition
- Spatial
- Abilities and Assessment
- Individual Differences

Dr Des Coates

Telephone: +61 7 4631 1457

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Research Interests:

- Health Psychology
- Pain
- Hypnosis

Dr Lucille Douglas

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Research Interests:

- Assessment
- Abilities and Assessment

Professor Gerard Fogarty

Telephone: +61 7 4631 2379

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Facsimile: +61 7 4631 2721

Research Interests:

- Organisational Psychology
- Human Factors
- Intelligence
- Sport Psychology

Dr Yong Wah Goh

Telephone: +61 7 3470 4420

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Facsimile: +61 7 4631 2721

Research Interests:

- Organisational Psychology
- Cross Cultural Psychology
- Personality
- Female Borderline Personality Disorder in Workplace
- Religiosity & Fatalism

Associate Professor Peter Hassmen

Telephone: +61 7 4631 2381

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Facsimile: +61 7 4631 2721

Research Interests:

- Mode & Sport Performance
- Overtraining and Burnout in Sport
- Physical exercise for mental health

Dr Liam Hendry

Telephone: +61 7 4631 2711

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Facsimile: +61 7 4631 2721

Research Interests:

- Short Term Memory
- Cognitive Science

Dr Andrea Lamont-Mills

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Research Interests:

- Physiotherapy Consultations
- Discursive psychology
- Health Psychology
- Sport Psychology

Dr Sue Littler

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Research Interests:

- TBA at a later date.

Associate Professor Tony Machin

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Research Interests:

- Organisational Psychology
- Human Factors
- Driver Fatigue
- Transfer of Training

Dr Malcolm Mills

Telephone: +61 7 4631 2975
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Research Interests:

- Learning
- Physiological Psychology
- Biological Psychology
- EEG & Skilled Motor learning
- Canine

Dr Nola Passmore

Telephone: +61 7 4631 1683
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Research Interests:

- Family Issues
- Social Psychology
- Christian values
- Adoption

Dr Jeffrey Patrick

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Research Interests:

- Cost/Benefit
- Economics
- Organisational Psychology

Professor Grace Pretty

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Facsimile: +61 7 4631 2721

Research Interests:

- Community Psychology
- Health Psychology

Dr Andrea Quinn

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Research Interests:

- Developmental Psychology
- Learning
- Organisational Psychology
- Assessment

Dr Graeme Senior

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Research Interests:

- Clinical
- Assessment Methodologies

Associate Professor Gerry Tehan

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Research Interests:

- Cognition
- Methodology
- Memory

Professor Peter Terry

Telephone: +61 7 4631 1681
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Facsimile: +61 7 4631 2721

Research Interests:

- Sports Psychology
- Emotion
- Psychometrics

Dr Murray Thompson

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E-mail: Thompson@usq.edu.au
Facsimile: +61 7 4631 2721

Research Interests:

- Occupational
- Determinants
- Emotion
- Community Psychology
- Health Psychology



**AREAS OF ACADEMIC EXPERTISE/INTEREST
2007**

**DEPARTMENT OF MATHEMATICS AND COMPUTING
FACULTY OF SCIENCES**

Name	Contact Details	Area of Expertise/Interest
Assoc Prof Ron Addie	Telephone: (07) 4631 5520 Email: addie@usq.edu.au	Performance of networks High speed networks Voice over IP
Dr Leigh Brookshaw	Telephone: (07) 4631 5522 Email: leighb@usq.edu.au	Fluid mechanics Astrophysics Geophysics Numerical modelling
Dr Harry Butler	Telephone: (07) 4631 5524 Email: butler@usq.edu.au	Wind erosion modelling/Erosion modelling Geomorphology Numerical computing Atmospheric modelling Aerosols
Dr Penny de Byl	Telephone: (07) 4631 5521 Email: penny.debyl@usq.edu.au	Affective computing E-learning systems management Artificial intelligence for computer games Game-based learning
Dr Stijn Dekeyser	Telephone: (07) 4631 1548 Email: dekeyser@usq.edu.au	Data management Web Information Systems Document Computing Database Theory
Dr Peter Dunn	Telephone: (07) 4631 5527 Email: dunn@usq.edu.au	R/S-Plus Statistical Modelling
Assoc Prof Shahjahan Khan	Telephone: (07) 4631 5532 Email: khans@usq.edu.au	Improved estimation Predictive inference Multivariate inference Multivariate Student-t distribution
Dr Yan Li	Telephone: (07) 4631 5533 Email: liyana@usq.edu.au	Artificial Intelligence Independent Component Analysis Signal/image Processing Techniques and their Applications Bioinformatics Computer Communication Techniques
Dr Birgit Loch	Telephone: (07) 4631 1157	Surface fitting

Name	Contact Details	Area of Expertise/Interest
	Email: lochb@usq.edu.au	Mathematical techniques for modelling of plants Visualisation of virtual plants Technology in Maths Education
Assoc Prof Jesus Lopez	Telephone: (07) 4631 5529 Email: lopez@usq.edu.au	Systems biology Bioinformatics Artificial intelligence Data mining Knowledge modelling in medicine
Dr David Mander	Telephone: (07) 4631 2263 Email: mander@usq.edu.au	Mathematics education Mathematical modelling
Dr Khaleel Petrus	Telephone: (07) 4631 5545 Email: petrus@usq.edu.au	Computer graphics Multi-Media Systems Bioinformatics Ethics
Dr Ashley Plank	Telephone: (07) 4631 5538 Email: plank@usq.edu.au	Modelling of road traffic flow and behaviour Statistical Education Gambling Queueing theory Statistical consulting
Dr Ian Richards (Fraser Coast campus)	Telephone: (07) 4120 3152 Email: richards@usq.edu.au	Networking and telecommunication technology and policy Software Engineering Ethical issues in technology
Professor Tony Roberts	Telephone: (07) 4631 5539 Email: aroberts@usq.edu.au	Fluid Mechanics Mathematical modelling Fractals Scientific computing
Dr Jamie Shield (Fraser Coast campus)	Telephone: (07) 4120 3169 Email: shield@usq.edu.au	Safe software development Computer science education
Dr Dmitry Strunin	Telephone: (07) 4631 5541 Email: strunin@usq.edu.au	Applied mathematics Fluid mechanics Nonlinear dynamics
Dr Sergey Suslov	Telephone: (07) 4631 5542 Email: ssuslov@usq.edu.au	Fluid mechanics Hydrodynamic stability Numerical methods and scientific computing Hydrodynamics Centre manifold applications Convection flows
Dr Hua Wang	Telephone: (07) 4631 5525 Email: wang@usq.edu.au	Database e-Commerce Security (data, information) e-Learning SAP
Dr Richard Watson	Telephone: (07) 4631 5546 Email: rwatson@usq.edu.au	Functional programming languages Formal methods Web services Teaching Programming Languages

Name	Contact Details	Area of Expertise/Interest
		Graphical user interfaces Operating systems
Dr Oleksiy Yevdokimov	Telephone: (07) 4631 5360 Email: yevdokim@usq.edu.au	Mathematics education Inquiry based learning and teacher education Mathematical thinking and intuition
Dr Zhongwei Zhang	Telephone: (07) 4631 5549 Email: zhongwei@usq.edu.au	Intelligent system development Computer networks and internetworking Intelligent agent and multi-agent technology Linux network administration Network security Wireless technology

Staff Research Interests

Research interests of academic staff within the Department of Biological and Physical Sciences.

Staff	Discipline	Research Interests
Dr Tania van den Ancker	Chemistry	Chemistry of Mixed Donor Ligands
Dr Brad Carter	Astronomy	Stellar astrophysics, extra-solar planets, solar-terrestrial relations
A/Prof Grant Daggard	Plant Biotechnology	Plant genomics (gene mapping and expression) and genetic engineering (cereals)
Dr John Dearnaley	Plant Biology	Plant Physiology and Molecular Biology, Plant Microbe Interactions (Mycorrhizas)
Prof Andrew Hoey	Human Physiology, Pharmacology	Therapeutics for Duchenne Muscular Dystrophy, Pharmacology for Heart Failure
A/Prof Robert Learmonth	Biochemistry/ Biotechnology	Biochemistry of cell membranes and adaptation, fermentation biotechnology
Dr Andrew Le Brocque	Ecology and Conservation	Biology Habitat Ecology, Landscape Ecology and Land Use, Vegetation and Environment
Dr Guang Bin Liu	Bioinformatics/Human Physiology	Bioinformatics: Computational genomics for gene expression: is there a digital regulatory system in the intron? Structural Characteristics of immune-related genes in different organisms.
A/Prof Mike Kotiw	Microbiology/ Immunology	Control Methods for Multi-Resistant Staphylococcus aureus
Dr Ray Marshall	Chemistry	Chemotherapeutic Agents, Stereocontrol Reactions, Natural Product Chemistry, Chemical Analysis of Autism
Dr Bernadette McCabe	Microbiology/ Biotechnology	Biochemistry of cell membranes and adaptation, fermentation biotechnology
Dr Martine Maron	Landscape Ecology	Landscape ecology, conservation biology, restoration ecology and wildlife habitat modelling.
A/Prof Alfio Parisi	Physics	Solar UV; Human UV exposures; UV physics; UV measurement; Dosimetry
A/Prof Joachim Ribbe	Climatology	Climate variability; equatorial/mid-latitude climate processes; circulation modelling
Dr Jeff Sabburg	Environmental Physics	Solar Radiation, Climate, Cloud Physics, Soil Moisture
Prof Roger Stone	Climatology	Climate Variability and Modelling
Prof Mark Sutherland	Plant Pathology	Plant/Pathogen Interactions, Plant Stress Responses
Dr Mike Watson	Human Physiology	Mechanisms of ion channel function in neurons, smooth and cardiac muscle
Dr Kerry Withers	Animal Ecophysiology	Torpor in Marsupials, Ecophysiology
Research Associates	Discipline	Research Interests
Prof Stuart Hazell	Microbiology	