

Women's and Newborn Services



Women's and Newborn Services

Overview

Challenges faced by Women's and Newborn Services have centred on balancing activities with available finances in an environment of an increasingly complex and demanding service load, research activities and the provision of multiple education programs for undergraduate and postgraduate health service professionals.

Despite these diverse challenges research activities have continued with an increased number of published papers being achieved during the year.

Key departments

- Betty Byrne Henderson Women's Health Research Centre
- Centre for Breast Health
- Grantley Stable Neonatal Unit
- Department of Gynaecology
- Department of Maternity Services
- Perinatal Research Centre
- Queensland Centre for Gynaecological Cancer

Executive and directing staff

- **Prof. Ian Jones**
Executive Director, Women's and Newborn Services
- **Tami Photinos**
Nursing Director, Women's and Newborn Services
- **Prof. Soo-Keat Khoo**
Director, Betty Byrne Henderson Women's Health Research Centre
- **Dr Owen Ung**
Director, Centre for Breast Health
- **Dr David Cartwright**
Director, Neonatology
- **Dr David Baartz**
Clinical Director, Gynaecology
- **Assoc. Prof. Rebecca Kimble**
Clinical Director, Obstetric Services
- **Professor Paul Colditz**
Director, Perinatal Research Centre
- **Assoc. Prof. James Nicklin**
Clinical Director, Gynaecological Oncology



Prof. Ian Jones
Executive Director, Women's
and Newborn Services



Tami Photinos
Nursing Director, Women's
and Newborn Services

Betty Byrne Henderson Women's Health Research Centre



Prof. Soo-Keat Khoo

Director, Betty Byrne Henderson
Women's Health Research Centre

Overview

The Longitudinal Assessment of Ageing in Women (LAW) Study which commenced in 2001 is now in its third phase of another five years. In this phase, the primary objective is to continue an annual follow-up of the remaining women in the original cohort. The return response in 2011 was still high at about 75 per cent.

The low incidence of serious health outcomes in the cohort over the last 12 years has delayed analysis. The aims of the clinically-based study are to link the measurements and their changes in function of the women with respect to heart, arterial stiffness, cognition, balance and posture, bone, and endocrine to lifestyle factors and subsequent development of serious medical conditions as the women undergo the process of ageing.

The vast master database which is accumulating has been used by students in research studies for postgraduate degrees, and to date, eight degrees have been awarded.

Research staff

Name	Qualifications	Position	Interests/specialities
Prof Soo-Keat Khoo	MBBS, MD, FRCOG, FRANZCOG	Director, Betty Byrne Henderson Women's Health Research Centre; Head, Obstetrics and Gynaecology, UQ	women's health
Adj. Dr Sheila O'Neil	MB, ChB, BAO	Associate	women's health
Dr Justin Oughton	MBBS	Registrar	imaging

Supervised postgraduate students

Name	Current studies	Research topic
Wang T	MBBS (Hons)	Relationship between echocardiographic parameters and arterial stiffness in women aged 40-80
O'Neill S	PhD	Arterial stiffness during menopause transition and beyond: An assessment of hormonal and sociodemographic factors
Andrews M	DPsych	Causal relationships between potentially modifiable risk factors and cognitive decline in older women
Hegarty S	MPsych	Relationship between cognitive decline, depression and health behaviour
Lo A	PhD	Lifestyle and health variables in predicting white matter lesions and cognitive trajectory in ageing
Oughton J	PhD	Relationship between hyperintensity lesions in the brain and central arterial stiffness in ageing women
Boughen J	MPhil	Factors contributing to the habitual positioning of the centre of pressure in women aged 40-80 and relationship to fall risk
Stock L	Hons	Whether weight is predictive of osteoporosis and fall-related fractures in women over 40

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Khoo S-K	LAW Study	RBWH Foundation	\$330,000	2007-2012

Grantley Stable Neonatal Unit

Overview

The Grantley Stable Neonatal Unit (GSNU) at the Royal Brisbane and Women's Hospital is the tertiary referral neonatal centre for central Queensland, Brisbane to Rockhampton, specialising in the management of premature and sick babies. It's 30 intensive care beds makes it the largest intensive care nursery in Australia, and in addition there are 41 special care beds.

Admissions come mainly from the area outlined, but some are also received from southern and northern parts of Queensland, and from northern New South Wales. A retrieval service run by the unit assists in bringing outborn babies to Brisbane, transporting approximately 200 babies per year. In 2011, there were seven full-time Neonatologists, and two Visiting Medical Officers. There were two Nurse Unit Managers, one Nurse Manager, two Clinical Nurse Consultants, one and half position full-time Nurse Educators, approximately 200 Nurses (130 full-time equivalents), of whom 85 per cent hold neonatal certificates or transition, 15 registrars and two Senior House Officers.

The Unit manages all varieties of neonatal problems, with only babies requiring cardiac surgery being transferred out. Close collaboration with surgeons and medical specialists of the Royal Children's Hospital (RCH), and cardiologists and cardiac surgeons from the Mater Children's Hospital (Queensland Paediatric Cardiac Service) enhances care provision to complex cases. Most surgical procedures are performed at the Royal Children's Hospital, with the babies being immediately transferred back to the GSNU for their post-operative care.



Dr David Cartwright
Director, Neonatology

Research staff

Name	Qualifications	Position	Interests/specialities
Dr David Cartwright	MBBS, BSc, FRACP	Director, Neonatology; Associate Professor, UQ	general neonatology, neonatal follow-up, perinatal data systems
Dr Pieter Koorts	MBChB, FRACP	Deputy Director, Neonatology; Senior Staff Specialist; Senior Lecturer, UQ	general neonatology, milk banking, bedside echocardiography
Tim Donovan	MBBS, FRACP, MPH	Senior Staff Specialist; Senior Lecturer, UQ	neonatal nutrition, gastroschisis, telehealth
Dr Mark Davies	MBBS, DCH, PhD, FRACP	Senior Staff Specialist, Neonatology; Associate Professor, Neonatology	neonatal research, paradigms in neonatology
Dr Garry Inglis	MBBS, FRACP	Staff Specialist; Senior Lecturer, UQ	general neonatology
Dr Donna Bostock	MBBS (Hons), FRACP	Staff Specialist; Senior Lecturer, UQ	neonatal simulation, general neonatology
Dr Adam Hoellering	MBBCh (Hons), BSc, FRACP	Staff Specialist; Senior Lecturer, UQ	general neonatology, haemodynamic support in the newborn, persistent patent ductus arteriosus, clinical applications of ultrasound in neonates
Dr Margo Pritchard	RN, RMNMC, BA, PhD	Principal Clinical Research Trialist; Honorary Research Consultant, School of Nursing and Midwifery and School Medicine, UQ	screening and surveillance, neuro-developmental and family outcomes, clinical trials

Supervised postgraduate students

Name	Current studies	Research topic
Armfield N	PhD	Remote assessment and management of critically ill infants by telemedicine: A novel approach to supporting the care of a vulnerable patient group
Cumin M	PhD	Pre-term growth and body composition evaluation
Davies MW	PhD	Partial liquid ventilation and cerebral blood flow
New K	PhD	Transfer of pre-term infants from incubator to open cot at lower versus higher body weight.
Jardine LA	PhD	Predicting outcomes following pre-term birth using qualitative assessment of movement
Hutchinson F	FRACP	Toys in cots

Supervised postgraduate students

Name	Current studies	Research topic
Armfield N	PhD	Remote assessment and management of critically ill infants by telemedicine: A novel approach to supporting the care of a vulnerable patient group
Cumin M	PhD	Pre-term growth and body composition evaluation
Davies MW	PhD	Partial liquid ventilation and cerebral blood flow
New K	PhD	Transfer of pre-term infants from incubator to open cot at lower versus higher body weight
Jardine LA	PhD	Predicting outcomes following pre-term birth using qualitative assessment of movement
Hutchinson F	FRACP	Toys in cots
Parry M	FRACP	LBW infant morbidity
McLaughlin L	FRACP	Contamination rates in neonatal blood culture
Dixon K	FRACP	Feasibility study for the time-off-with-cares (TOWC) test for assessing suitability for stopping respiratory support
Sidhu R	BPsych (Hons)	The influence of reflective functioning on maternal stress and depression in a pre-term infant parent population
Jardine C	B Psych (Hons)	The influence of maternal stress, depression and reflective functioning capacity during NICU admission on quality of pre-term infant-parent relationship at six months

Awards and achievements

Award	Event	Recipient
Queensland Health Innovations Award: Category for Improving Patient Outcomes for 'Neonatal Telemedicine'	Queensland Health Innovations Forum	Armfield N, Donovan T, Cogill K, Smith A
Health Minister's Award for the Best Innovation in Queensland Health for 'Remote assessment and management of the critically ill infant by telemedicine: A novel approach to care of a vulnerable patient group'	Queensland Health Innovations Forum	Armfield N, Donovan T, Cogill K, Smith A
The University of Queensland Dean's Commendation for Outstanding Research Higher Degree Theses for 'Remote assessment and management of critically ill infants by telemedicine: A novel approach to supporting the care of a vulnerable patient group'	The University of Queensland Dean's Awards	Armfield N

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Moxon-Lester L, Donovan T, Koorts P	Urinary creatine in asphyxiated infants	RBWH Research Advisory Committee	\$20,000	2011
Donovan T, Bjorkman T, Robertson T, Colditz P	Perinatal Brain Bank Development	RBWH Private Practice Trust Fund	\$40,000	2011
Davies, MW, Dunster KR	Optimising ventilation in VLBW infants	Medical Advances Without Animals Trust (MAWA) Research Grant	\$29,108.90	2010-2011
Davies, MW, Dunster KR	Optimising ventilation in VLBW infants	RBWH Private Practice Trust Fund Research Grant	\$48,900	2009-2012
Colditz P, Boyd R, Sanders M, Pritchard MA, Gray P, O'Callaghan M, Slaughter V, Whittingham K	Prem Triple P - parenting program for very pre-term infants to improve neurodevelopmental outcome: a RCT	RBWH National Health Medical Research Council (NHMRC) near-miss funding	\$30,000	2010-2011

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Pritchard MA	Examining psychosocial risks for parenting children born ≤ 32 weeks gestation	Neonatal Nursing Association of Queensland (NNAQ) Inc Scholarship Scheme Research Grant	\$3,000	2010-2011
Pritchard MA, Cartwright D, de Dassel T, Beller E, Johnston L, Bogossian F, Callan S	Developmental and autism surveillance in high-risk children	RBWH Foundation	\$20,000	2010-2011

Research grants

New K, Flenady V, Davies MW. Transfer of pre-term infants from incubator to open cot at lower versus higher body weight. *Cochrane Database Syst Rev* 2011, Issue 9. Art. No.: CD004214. DOI: 10.1002/14651858.CD004214.pub4.

Jardine LA, Inglis GDT, Davies MW. Strategies for the withdrawal of nasal continuous positive airway pressure (NCPAP) in pre-term infants. *Cochrane Database Syst Rev* 2011, Issue 2. Art. No.: CD006979. DOI: 10.1002/14651858.CD006979.pub2.

Davies MW, Dunster KR. Gas Exchange during perfluorocarbon liquid immersion. Esquinas AM Editor. *Applied technologies in pulmonary medicine*. Basel: Karger. 2011:15–18.

Davies MW. Partial liquid ventilation and cerebral blood flow: The effects of the administration of a dose of perfluorocarbon liquid, when starting partial liquid ventilation, on cerebral blood flow [PhD Thesis]. St Lucia, Qld: University of Queensland. 2011.

Schmidt B, Seshia M, Shankaran S, Mildenhall L, Tyson J, Lui K, Fok T, Roberts R, TIPP Collaborator Group (Pritchard MA). Effects of prophylactic indomethacin in extremely low-birth-weight infants with and without adequate exposure to antenatal corticosteroids. *Arch Pediatr Adolesc Med*. 2011 Jul;165(7):642-6.

Brocklehurst P, Farrell B, King A, Juszcak E, Darlow B, Haque K, Salt A, Stenson B, Tarnow-Mordi W. INIS Collaborative Group, (Pritchard MA, Cartwright D) Treatment of neonatal sepsis with intravenous immune globulin. *N Engl J Med*. 2011 Sep 29;365(13):1201-11.

Webster J, Pritchard MA. Gowning by attendants and visitors in newborn nurseries for prevention of neonatal morbidity and mortality. *Cochrane Database of Systematic Reviews* 2003, Issue 2. Art. No.: CD003670. DOI: 10.1002/14651858.CD003670. Update 2011.

Department of Gynaecology



Dr David Baartz
Clinical Director, Gynaecology

Overview

The Department of Gynaecology at Royal Brisbane and Women's Hospital continues to provide secondary, tertiary, and quaternary care in all disciplines of gynaecology including general gynaecology colposcopy, advanced laparoscopic surgery and endometriosis services, as well as acute and emergency care, prolapse and incontinence surgery.

A paediatric and adolescent gynaecology statewide service is provided by Associate Professor Rebecca Kimble to patients from Queensland and northern New South Wales. This multidisciplinary service is supported by specialists from the Royal Children's Hospital and Dr David Baartz, Director, Gynaecology. Reproductive Endocrinology and Infertility is a division of the Department of Obstetrics and Gynaecology. This division pertains to all aspects of human reproduction, fertility preservation and reproductive endocrinology.

Dr David Baartz is the Executive Officer of the Australasia International Society of the Study of Trophoblastic Diseases.

Research staff

Name	Qualifications	Position	Interests/specialities
Prof. Ian Jones	AM, RFD, MBChM, MHA, MEdStud, DipObs, GradCertEd, FRANCOG, FRCOG, PhD	Executive Director, Women's and Newborn's Services	medical conditions and their effect on pregnancy, medical education, general obstetrics and gynaecology
Dr David Baartz	MBBS, FRANZCOG	Clinical Director, Gynaecology; Director, Queensland Trophoblastic Centre	gynaecology, urogynaecology, gestational trophoblastic disease
Assoc. Prof. Rebecca Kimble	MBBS, FRANZCOG, GradCert Training and Assessment (IPS), Certificate in Simulation Instruction	Clinical Director, Obstetric Services and State Paediatric and Adolescent Gynaecology Service; Assoc. Prof. UQ School of Medicine; Queensland Founder and Director, Queensland Maternity and Neonatal Clinical Guidelines Program; Chair, Statewide Maternity and Neonatal Clinical Network; Co-Chair, Central Maternity and Neonatal Network	clinical governance, maternity emergencies in a simulated environment, paediatric and adolescent gynaecology, Member of North American Society for Paediatric and Adolescent Gynaecology
Assoc. Prof. Mark Erian	LRCF, LRCS, LRCPS, DObstRCPI, MD, FRANZCOG, FRCOG, FACOG, GradCert Education	Senior Consultant; Obstetrician and Gynaecologist	gynaecological operative endoscopy, surgical gynaecology, high-risk obstetrics, medico-legal consultations
Dr Kar Hin Ooi	MBBS, MRCOG, FRANZCOG	Senior Staff Gynaecologist	gynaecology, urogynaecology
Dr Adrian Guest	MBBS, FRANZCOG	Visiting Gynaecologist	gynaecology
Dr Akram Khalil	MBBS, DRACOG, FRANZCOG	Consultant Gynaecologist	gynaecology, colposcopy, urogynaecology
Dr Yogesh Chadha	FRCOG, MSc, FRANZCOG	Senior Staff Specialist, Obstetrics and Gynaecology; Senior Lecturer, UQ	perinatology, incontinence, medical audit, health services research
Dr Lee Minuzzo	MBSS, FRANZCOG, GradCert Education	Staff Specialist, Obstetrics and Gynaecology	general obstetrics and gynaecology
Dr Wai Lum Yip	MBBS, FRANZCOG	Staff Specialist, Obstetrics and Gynaecology	general obstetrics and gynaecology, medical education, high risk obstetrics
Assoc. Prof. Anusch Yazdani	MBS (Hons), FRANZCOG, CREI	Visiting Gynaecologist	subspecialist in reproductive endocrinology and infertility
Assoc. Prof. Philip Barton Clarke	MB, MMedSci (Urogyn), FRCSC, FRACS, FRCOG, FRANZCOG	Clinical Director, Urogynaecology	urogynaecology
Assoc. Prof. Christopher Maher	FRANZCOG, CU	Visiting Medical Officer	urogynaecology
Dr Bart Schmdit	MBBS, FRANZCOG	Staff Specialist	general obstetrics and gynaecology

Research staff

Name	Qualifications	Position	Interests/specialities
Cathy Nichols	RN	Registered Nurse	urogynaecology
Dr Owen Ung	FRACS	Director, Centre for Breast Health	breast health
Dr Benjamin Kroon	FRANZCOG	Fertility and Reproductive Fellow	fertility and endocrinology
Melissa Wright	RN	Case Manager (Continence)	urogynaecology
Shona Morrison	RN	Case Manager (Trophoblastic Disease)	gynaecology

Supervised postgraduate students

Name	Current studies	Research topic
Kroon B	Certificate in Reproductive Endocrinology and Infertility, Royal Australian and New Zealand College of Obstetricians and Gynaecologists	Reproductive Endocrinology and Infertility

Awards and achievements

Award	Event	Recipient
DRG's in Gynaceology	2011 RBWH QuARRIE Awards	Khalil A

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Khalil A	RBWH Gynaecology Laparoscopic Workshops	Covidien	\$6,000	2011
Khalil A	RBWH Laparoscopic Training	RBWH Private Practice Fund	\$53,000	2008-ongoing
Khalil A, Khoo S	Multicentre, open label, single arm study to assess efficacy, safety, bleeding pattern and pharmacokinetics of the ultra low dose levonorgestrel intrauterine contraceptive system (LCS) for a maximum of three years in women 18 to 40 years of age	Bayer	\$200,000	2009 -2012
Yazdani A, Kroon B, Kwapil K, Chan W	A randomised controlled trial of the impact of fatigue on surgeon performance in long procedures	Australasian Gynaecological Endoscopy and Surgical Society	\$12,000	2010-2011
Khalil A, Knack B	Research award in gynaecology robotics	RBWH Foundation	\$20,000	2011

Publications

Smith SD, Jones AD. Organ donation. *N Engl J Med.* 2011;657:230-5.

Showell MG, et al. Antioxidants for male subfertility. *Cochrane Database Syst Rev.* 2011. 1: p. CD007411.

Kroon B, et al. Consensus statement on fibroids in infertility. *ANZ J Obstet Gynecol.* 2011.

Kroon B, Hart RJ, Wong BMS, Yazdani A. Antibiotics prior to embryo transfer in ART (Protocol). *Cochrane Database of Systematic Reviews* 2011. 2: CD008995.

Kroon B, Harrison K, Martin N, Wong B, Yazdani A. Miscarriage karyotype and its relationship with maternal body mass index, age, and mode of conception. *Fertil Steril.* 2011 Apr;95(5):1827-9.

Erian M, McLaren G, Baartz D. The wandering mirena: Laparoscopic retrieval. *Journal of Society of Laparo-Endoscopic Surgery.* 2011;15:127-130.

Department of Maternity Services



Assoc. Prof. Rebecca Kimble
Clinical Director,
Obstetric Services

Overview

Maternity Services at Royal Brisbane and Women's Hospital encompasses many major multidisciplinary services and has continued to have increasing activity over the last few years.

It remains the largest provider of tertiary and quaternary obstetric care in Queensland with a referral base for tertiary transfers of care primarily from around Central Area Health Service; however northern New South Wales patients continue to be serviced through RBWH Maternity Services.

The multidisciplinary services include:

- Birthing services
- Birth Centre
- Antenatal Day Assessment Service
- Obstetric Review Centre
- Obstetric Medicine Services and Obstetric Telehealth Services
- Maternal Fetal Medicine and Centre for Advanced Prenatal Care
- Maternity Outpatients Service
- Endocrine Service
- Young Parents Program
- General Practitioner Shared Care Program
- Team midwifery models in conjunction with obstetric care
- Extended Midwifery Services
- Inpatient Unit
- Wellborn Nursery
- Lactation Service

Maternity Services collaborate closely with the Perinatal Research Centre for ongoing multicentre research projects.

Maternal Fetal Medicine (MFM) combines tertiary fetal imaging, fetal diagnosis and treatment, maternal (ADD everything as was in the 2010 report on MFM).

The Obstetric Medicine Unit at RBWH is active in clinical and basic science research across all medical problems which occur throughout pregnancy. A number of PhD candidates are currently undertaking research in areas related to maternal medical conditions in pregnancy and the effects on pregnancy outcomes. The Unit has been successful in numerous research grants/funds.

Statewide Paediatric and Adolescent Gynaecology Service

Established by Associate Professor Rebecca Kimble, this is the only service in Queensland, and supports patients from northern New South Wales. This service provides superspecialty care to girls between the ages of eight years to mid-twenties with complex congenital surgical conditions, disorders of sexual development, disabled patients, menstrual abnormalities and many other gynaecological conditions. It has been awarded site-specific grants by Queensland Health commencing in 2011 recognising it as a superspecialty.

The Commonwealth Department of Health and Aging (DoHA) has granted the Service a RANZCOG accredited funded Fellow's position commencing 2011 for three years, with a high likelihood for continuation indefinitely.

Further support for the expanding service has been provided by Queensland Health in funding a new specialist position commencing 2012-2013 after negotiation between Professor Kimble and the Director-General, Queensland Health. This should allow the establishment of a Statewide Telehealth Service.

Research staff

Name	Qualifications	Position	Interests/specialities
Prof. Ian Jones	AM, RFD, MBChM, MHA, MEdStud, DipObs, GradCertEd, FRACOG, FRCOG, PhD	Executive Director, Women's and Newborn's Services	medical conditions and their effect on pregnancy, medical education, general obstetrics and gynaecology
Assoc. Prof. Rebecca Kimble	MBBS, FRANZCOG, GradCert Training and Assessment (IPS), Certificate in Simulation Instruction	Clinical Director, Obstetric Services and State Paediatric and Adolescent Gynaecology Service; Assoc. Prof. UQ School of Medicine; Queensland Founder and Director, Queensland Maternity and Neonatal Clinical Guidelines Program; Chair, Statewide Maternity and Neonatal Clinical Network; Co-Chair, Central Maternity and Neonatal Network	clinical governance, maternity emergencies in a simulated environment, paediatric and adolescent gynaecology, Member of North American Society for Paediatric and Adolescent Gynaecology
Dr Yogesh Chadha	FRANZCOG, MSc, FRCOG	Senior Staff Specialist	obstetrics and gynaecology
Dr Karin Lust	MBBS, FRACP	Clinical Director, Obstetric Medicine; General Physician	medical disorders in pregnancy, preconception counselling, contraception
Assoc. Prof. Leonie Callaway	MBBS, FRACP	General and Obstetric Physician; Head, Royal Brisbane Clinical School	obstetric medicine, obesity
Prof. Nicholas Fisk	MBA, PhD, MBBS, FRCOG, FRANZCOG, CMFM, DDU	University Specialist	monochorionic twins pregnancy, fetal stem cell biology, fetal therapy
Dr Carol Portmann	MBBS, FRANZCOG, CMFM, MSc	Staff Specialist	previable IUGR, termination of pregnancy, fetal medicine
Dr Greg Duncombe	MBBS, FRANZCOG, CMFM	Maternal Fetal Medicine Staff Specialist (part-time)	maternal fetal medicine
Dr Renuka Sekar	MBBS, FRANZCOG, CMFM	Maternal Fetal Medicine Staff Specialist	talipes, ventriculomegaly
Dr Narelle Fagermo	MBBS, FRACP	General and Obstetric Physician	obstetric medicine
Dr Penny Wolski	MBBS, FRACP	Endocrinologist and Obstetric Physician	obstetric medicine
Dr Helen Barrett	MBBS, FRACP	Endocrinologist and Obstetric Physician	obstetric medicine
Dr Marloes Dekker Nitert	PhD Biomedicine	Senior Post-Doctoral Researcher, UQCCR	obesity pregnancy complications and pregnancy outcomes
Katie Foxcroft	RN, RM	Coordinator Nurse Research	obstetric medicine, clinical trials
Dr David Danon	MD, DGO, UDG	Maternal Fetal Medicine, Registrar/ Researcher Fellow	twin-twin transfusion syndrome
Dr Allison Pettit	PhD, BSc (Hons)	Lecturer	osteoimmunology
Dr Liza-Jane Raggat	PhD, BSc (Hons)	Lecturer	bone biology
Dr Jatin Patel	PhD	Post-Doctoral Researcher	fetal endothelial progenitor cells
Dr Susan Millard	PhD	Post-Doctoral Researcher	intrauterine stem cell transplantation for osteogenesis imperfecta
Dr Rebecca Pelekanos	PhD	Post-Doctoral Researcher	manufactured mesenchymal stem cells, growth hormone regulation of stem cells

Research staff

Name	Qualifications	Position	Interests/specialities
Dr Edwige Roy	PhD	Post-Doctoral Researcher	chronic fetal maternal microchimerism
Dr Vincent Chen	PhD	Post-Doctoral Researcher	induced pluripotent stem
Rebecca Ellis	BSc (Hons)	Research Assistant	transgenic models for stem cell assays
Samuel Jesuadian	MSc	Research Assistant	fetal stem cell culture

Supervised postgraduate students

Name	Current studies	Research topic
Constantini K	PhD	Role of C5a in fetal and maternal health
deJersey S	PhD	Are we missing opportunities: understanding health behaviours associated with overweight in pregnancy
Barrett H	PhD	Lipids in gestational diabetes
Harris L	PhD	The preconception metabolome as a predictor for complications of pregnancy
Kilgour K	PhD	Electronic record keeping in pregnancy
Achong N	PhD	Glucose levels in T1D in pregnancy
Peter-Przyborowska B, Kimble RMN	Postgraduate Specialist Fellowship Trainee	Knowledge of correct use of seat belts in pregnancy: A survey of pregnant women at RBWH
Bagchi T	Fellow, Paediatric and Adolescent gynaecology; Postgraduate Specialist Trainee	A five year review of management of all patients through the PAG service presenting with a request for ammenorrhoea
Sepannan E	PhD	The contribution of microchimeric fetal stem cell sub-populations to maternal tissue repair
Heazlewood C	PhD	Comparison of fetal and maternal mesenchymal stromal cells derived from term placenta
Legrand J	PhD	Mesenchymal-epidermal interactions in wound regeneration

Awards and achievements

Award	Event	Recipient
QuARRIE Award for 'Third and fourth degree perineal tears (Is ethnicity an issue?)'	2011 RBWH QuARRIE Awards	Kimble R, Calabro K
Graz Clock Award, Best Scientific Presentation	Australasian Diabetes in Pregnancy Society	Callaway L
Best Poster Award	Society of Obstetric Medicine of Australia and NZ	Callaway L
Andrew Phippard Prize for Best Scientific Presentation	Society of Obstetric Medicine of Australia and NZ	Callaway L

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Kimble RMN, Upton Z, Croll T, Cao Y, Knack B, Cuttle L, Kimble R	Toward tissue engineering a complete vaginal graft for clinical applications. Collaboration with QUT Tissue repair and regeneration Program	RBWH Foundation	\$35,000	2011-2013
Kimble RMN	Development of audit and implementation tools for clinical guidelines	Southern Area Maternity Clinical Network	\$25,000	2011
Kimble RMN	Audit and education project of three statewide clinical guidelines across Queensland	Queensland Health Centre for Healthcare Improvement	\$50,000	2011

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Kimble RMN	Development of statewide clinical guidelines	Queensland Health Centre for Healthcare Improvement	\$500,000 per annum	2011-2014
Kimble RMN	Sustaining Queensland maternity and neonatal clinical guidelines program	Primary, Community and Extended Care Branch, Queensland Health	\$50,000	2011
Kimble RMN	Support for Paediatric and Adolescent Gynaecology Fellow for service and research	Policy, Strategy and Resourcing Division, Queensland Health	\$60,000	2011
Kimble RMN	Newly established Statewide Paediatric and Adolescent Gynaecology Fellow's position for service and research.	Commonwealth Department of Health and Aging (DoHA)	\$110,000 per annum	2011-2013
Kimble RMN	Site specific grant for Statewide Paediatric and Adolescent Gynaecology Service	Queensland Health	\$428,000	2011-2012
Kimble RMN	Support for providing Paediatric and Adolescent Gynaecology superspecialty training to RANZCOG trainees	Commonwealth DoHA	\$20,000	2011-2012
Kimble RMN	Implementation of statewide pregnancy health record	Queensland Health Centre for Healthcare Improvement	\$20,000	2011-2012
Kimble RMN	Implementation of statewide pregnancy health record across Queensland through the Statewide Maternity and Neonatal Clinical Network	Queensland Health Centre for Healthcare Improvement	\$500,000	2011-2012
Harris L	Predictors of pre-eclampsia, a longitudinal study	NHMRC scholarship		2011-2012
Taylor SM, Woodruff TM, Callaway LK, Finnell RH	Complement C5a receptors, placental inflammation and reproductive impairment	NHMRC Project grant	\$967,750	2009-2013
Callaway L	Postdoctoral Fellowship	RBWH Foundation	\$150,000	2009-2011
Barrett H	Medical and dental research scholarship	NHMRC	\$96,000	2011-2014
Callaway L	Exercise as a prescription: Can we prevent adverse outcomes for at risk mothers and babies?	RBWH Foundation	\$150,000	2010-2011
Weinstein P, Fisk NM, Cook A, Nieuwenhuijsen M, Nassar D, Dobson A	Prospective study of birth defects from fetotoxic agents in the public water supply	NHMRC	\$703,000	2011-2014
Fisk NM, Pettit A, Khosrotehrani K, Raggatt L	Preslinal opetimisation of intrauterine transplantation of fetal mesenchymal stem cells for osteogenesis imperfecta	NHMRC	\$579,000	2010-2012
Fisk NM, Bou-Gharios G, Khosrotehrani K	Functional contribution of fetal microchimeric cells in transgenic models of maternal tissue repair in and after pregnancy	NHMRC	\$545,000	2009-2011
Chan J, Choolani MA, Fisk NM	Generation of highly osteogenic bone tissue-engineering graft for treatment of clinical bone defects	NHMRC (Singapore)	\$1.4 million	2011-2013
Cooper-White J, Fisk NM, Grondahl L, Wolvetang EJ	Scalable, high throughput microfluidic platforms for rissue specific biomaterials development and tissue genesis	Australian Research Council (ARC)	\$400,000	2010-2013
Wolvetang EJ, Harvey R, Verma P, Laslett A, Fisk NM, Grimmond S, Mackay-Sim A, Gronthos S	Reprogramming and induction of pluripotency	Australian Stem Cell Centre (ASCC)	\$2.5 million	2010-2011

Publications

- Jones I, Jones AI. Prenatal screening and diagnosis. *Modern medicine of South Africa*. 2011;September 8-12.
- Jones I, Crandon A, Sanday K. Paget's disease of the vulva: Diagnosis and follow up the key to management: A retrospective study of 50 cases from Queensland. *Gyne Oncology*. 2011;122:42-44.
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- Queensland Maternity and Neonatal Clinical Guideline and Supplement Early pregnancy loss
- Queensland Maternity and Neonatal Clinical Guideline and Supplement Stillbirth care
- Queensland Maternity and Neonatal Clinical Guideline and Supplement Induction of labour
- Queensland Maternity and Neonatal Clinical Guideline and Supplement Neonatal resuscitation
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Perinatal Research Centre



Prof. Paul Colditz
Director, Perinatal
Research Centre

Overview

2011 was an exciting year for the Perinatal Research Centre with major new research underway towards our goal of improving perinatal health outcomes. Eleven clinical trials are ongoing, keeping Dr Margo Pritchard and her team very busy. Two major new multicentre randomised clinical trials planned from the PRC and funded by NHMRC are commencing including 'Starting well positive parenting for pre-term infants' and a trial on neonatal seizure treatment. The centre looks forward to determining the results from these trials as it is anticipated they will provide vital support to parents at times of extreme stress in their lives.

During 2011 our Research Team received further valuable support from many philanthropists who share our vision. The RBWH Auxiliary has provided generous donations to replace a very well used analogue cerebral function monitor (CFM) for a new digital version. We will be donating the old monitor to the hospital's museum as it is now an antique that has been essential for our research into seizures in pre-term and term babies.

This vital piece of new equipment will be used to further our knowledge in this area, providing a state-of-the-art tool for our dedicated research team keen to develop new treatment strategies to protect the brains of newborn babies. It has been a pleasure having the support of the RBWH Foundation, the Lions Medical Research Foundation and the public in sharing our mission to advance the health of mothers and babies.

Research staff

Name	Qualifications	Position	Interests/specialities
Prof. Paul Colditz	MBBS, MBiomedE DPhil, FRACPm FRCPCH	Director, Perinatal Research Centre; Deputy Director (Clinical) UQCCR	clinical neonatology, neuroscience, biomedical signal processing
Prof. David McIntyre	MBBS, FRACP	Director, Endocrinology and Obstetric Medicine; Head, Mater Clinical School, UQ; PRC Senior Research Fellow, Mater Health Services	medical disorders of pregnancy, regulation of fetal growth and intensive therapy of Type 1 Diabetes
Prof. Glenda Gobe	PhD, MSc, GradDipEd	Centre for Kidney Disease Research Administrative Director, University of Queensland. Honorary PRC Senior Research Fellow	Prenatal insults and their effects on brain damage and chronic kidney disease
Prof. David Pow	BSc, PhD	Deputy Director and Group Leader, UQCCR	neurotransmitter homeostasis in the normal and pathogenic brain
Prof. Boualem Boashash	BEBSc, MSc, Drlng (PhD)	Prof. College of Engineering, Qatar University; Signal Processing Group Leader, PRC	time-frequency signal analysis, biomedical signal processing, spectral estimation, signal detection and classification
Prof. Eugene Lumbers	MBBS, MD, DSc	Emeritus Scientia Professor, UNSW; Conjoint Professor University of Newcastle; Honorary PRC Senior Research Fellow	fetal origins of adult diseases, hypertension, development of control of the circulation, exercise and training, and renal development and function
Prof. Barbara Dodd	PhD, LACST	PRC Senior Honorary Research Fellow	speech and language pathology
Prof. Stephen Taylor	PhD	Professor of Pharmacology at SBMS, UQ PRC Senior Honorary Research Fellow	the role of the complement system in inflammatory disease
Assoc. Prof. Stephen Rose	BSc PhD	Principal Research Fellow	development and application of advanced MRI techniques to aid the detection and monitoring of disease processes
Assoc. Prof. Leonie Callaway	MBBS, FRACP, PhD	Staff Specialist, Internal and Obstetric Medicine; Head, Royal Brisbane Clinical School; PRC Senior Honorary Research Fellow	obesity in pregnancy, including the relationship between obesity and hypertensive disorders of pregnancy

Research staff

Name	Qualifications	Position	Interests/specialities
Dr Tim Donovan	MB, BS, MPH, FRACP (Paed)	Neonatologist; PRC Senior Honorary Research Fellow; Neonatal Paediatrician; Senior Lecturer, UQ	improving outcomes for pre-term infants particularly in the area of nutrition, growth/body composition and development; ongoing research in the use of telemedicine to provide outreach care of sick infants in regional hospitals
Dr Aven Lee	BSc, PhD	NHMRC Research Officer	molecular biology and protein biology of the brain
Dr Barbara Lingwood	MSc, PhD	Research Fellow	cardiovascular function in the pre-term infant
Dr Ghazem Azemi	PhD	Research Fellow	digital signal processing, time-frequency signal analysis, biomedical signals, classification systems
Dr Janet Hammill	AM, PhD, MTH, RN	Research Fellow	fetal alcohol spectrum disorders
Dr Kathryn Buller	PhD	Senior Research Fellow	neuroinflammation and brain injury in premature neonates exposed to hypoxia-ischemia
Dr Layne Wright	PhD	Research Fellow	cardiovascular system of pre-term infants in order to reduce hypoxic/ischemic brain injury
Dr Leith Moxon-Lester	BSc, PhD	Research Fellow	one carbon metabolism and its impact on maternal, foetal and neonatal health, disruption of one carbon metabolism by hypoxia-ischemia (HI) (reduced oxygen and blood supply)
Dr Margo Pritchard	RN, EM, ANNC, BA, PhD	Principal Trialist, Perinatal Research Centre; Honorary Research Consultant, School of Nursing and Midwifery QUT; Honorary Research Consultant, School of Medicine	child health surveillance and development of strategies to sustain outcome improvements in children born at high-risk of developmental disability
Dr Mostefa Mesbah	BSc, MSc, PhD	Research Fellow	biomedical signal processing, time-frequency signal processing, and statistical signal processing
Dr Nigel Barnett	MSc, DPhil (Oxon)	Senior Research Fellow	effects of hypoxia/ischaemia in visual development and disease
Dr Simon Finnigan	PhD	Senior Research Fellow	brain monitoring techniques to improve outcomes for critically ill patients e.g. extremely premature babies, stroke patients
Dr Susan Sullivan	BSc (Hons), PhD	NHMRC Research Fellow	the role of astrocytes in perinatal hypoxia/ischemia
Dr Tracey Bjorkman	BSc, MPhil, PhD	NHMRC Senior Research Officer	hypoxic-ischemic brain injury in pre-term and term infants
Dr Yvonne Eiby	BSc (Hons), PhD	NHMRC Research Officer	cardiovascular system of pre-term infants in relation to hypoxic/ischemic brain injury
Amir Omidvarnia	BSc, MSc	Research Assistant	medical signal processing, image processing, pattern recognition
Mohammed Khlif	BSc, MSc	Research Assistant	digital signal processing, time-frequency signal analysis, biomedical signals, classification systems
Nicholas Ward	BSc (Hons)	Research Assistant	preventing hypoxia/ischaemia in the newborn
Siamak Layeghy	BSc, MSc	Research Assistant	digital signal processing, digital image processing, biomedical signal processing, pattern recognition, time frequency signal analysis
Anna Pritchard	BSc	Research Assistant	clinical trials
Brooke Dougan	BComm BA (Hons I), AssocMAPS	Registered Psychologist; PhD student	psychometric assessment of children involved in the long-term follow-up phase of several multi-site clinical studies

Research staff

Name	Qualifications	Position	Interests/specialities
Donna Hovey	RN, NNC, BN (Hons I)	Research Assistant	clinical trials
Karen Taylor	RN, Endorsed Midwife, Neonatal Intensive Care	Research Nurse	clinical trials group supporting 'Enhanced parenting to improve developmental outcomes in pre-term infants'
Leisa Brooks	BNurs and Hlth Serv Mgmt (Hons); Endorsed Midwife (Distinction)	Research Assistant	clinical trials group supporting the coordination of the 'Ambulatory fetal monitoring predicts clinical outcome' study
Melody Rose	RN, RM, DipHlthScN, BHlthScNursing, GradCetLactMgtInffding, IBCLC	Research Nurse	clinical trials group coordinator of attachment studies
Stephanie Miller	BSc (Hons)	Research Assistant; PhD Student	hypoxic-ischemic injury in the term infant

Supervised postgraduate students

Name	Current studies	Research topic
Kalanjati V	PhD	GABA-A receptor subunits in normally grown and IUGR piglet brain across the perinatal period
Davies M	PhD	Partial liquid ventilation (PLV) optimisation for use in pre-term infants
Nisbet J	PhD	Effects of 11 beta HSD phenotypic and genotypic variations in obesity and glucose metabolism
Constantini K	PhD	The role of C5a in pathophysiology
De Jersey S	PhD	Are we missing opportunities: Understanding health behaviours associated with overweight in pregnancy
Kim M	PhD	Cardiac maturation and local renin angiotensin systems in pre-term birth in pigs
Cumin M	PhD	The Premie GRACE (Pre-term Growth And body Composition Evaluation) Study
Knight B	PhD	Effects of the DAFNE programme on dietary composition in patients with Type 1 Diabetes
Awabdy D	PhD	AMPA-KA receptor expression after hypoxic-ischaemia in the neonatal piglet
Jardine L	PhD	Development of early predictors of long term neurodevelopmental outcome for pre-term infants
Khlif M	PhD	Neonatal seizure characterisation: Detection, localisation, study of seizure site synchrony and seizure propagation
Barrett H	PhD	Maternal lipids in pregnancy
Omidvarnia A	PhD	Theoretical development and necessary concepts of nonstationary multivariate connectivity measures for newborn EEG analysis
Odebae M	PhD	EEG source localisation: Refining a non-invasive method for measuring brain activity
Reinebrant H	PhD	The central serotonergic system in the pre-term neonate following hypoxic-ischemic brain injury
Wixey J	PhD	Aetiology of low systemic blood flow in the pre-term neonate
Yamada M	PhD	Mechanisms of cytoprotection by erythropoietin (EPO) in hypoxia/ischaemia-injured neonatal brain
Miller S	PhD	Examining the maturation of the GABA system in the neonatal brain and its role in hypoxic-ischaemic brain injury
Dong S	PhD	Biomedical signal processing of ECG and EEG using time-frequency analysis in babies exposed to hypoxic/ischaemic episodes
Pannek K	PhD	Development of novel structure-function connectivity analysis strategies to improve identification of brain injury and neural plasticity in the neonate brain
Carty M	PhD	Neuroanatomical changes underpinning functional deficits after hypoxic-ischaemic injury in the pre-term brain
Ma N		Developmental changes in expression of KCC2 and NKCC1 in normal and hypoxic ischaemic neonatal piglet brain
Sam S	PhD	Investigation of the early cardiovascular system function of very premature infants and its relationship to neurodevelopmental outcome

Awards and achievements

Award	Event	Recipient
Q-Factor Top 10, Research Inputs Award	The University of Queensland Inaugural Q-Index Awards	Colditz P
Graz Clock Award for Best Scientific Presentation, Australasian Diabetes in Pregnancy Society		Callaway L, Lingwood B
Best Poster Award, Society of Obstetric Medicine of Australia and New Zealand		Callaway L
Andrew Phippard Prize for Best Scientific Presentation, Society of Obstetric Medicine of Australia and New Zealand		Callaway L
Early Researcher Career Travel Grant, Australian Neuroscience Society		Wixey J
Early Researcher Career Travel Grant, Perinatal Society of Australia and New Zealand		Wixey J
Best Poster Presentation	RBWH Healthcare Symposium	Miller S

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Bjorkman S	Seizures and injury in the newborn hypoxic-ischemic brain	Lions Medical Research Foundation	\$330,000	2011-2014
Whittaker A, Rose S, Peng H	MRI molecular imaging agents – from fundamental design to in-vivo applications	ARC	\$979,230	2011-2013
Donovan T, Bjorkman S, Robertson T, Colditz P	Queensland perinatal brain bank	RBWH Foundation	\$40,000	2011
Callaway L, Humphrey M	Prospective study of validity of an obstetric risk score revision	Queensland Health	\$100,000	2011
Douglas H, Hammill J, Hall W	FASD within the criminal justice sector in Queensland	Alcohol Education and Rehabilitation Foundation Ltd	\$71,340	2011
Callaway L	Exercise as a prescription: Can we prevent adverse outcomes for at risk mothers and babies	RBWH Foundation	\$150,000	2010-2011
De Jersey S, Daniels L, Callaway L, Nicholson J, Ross L	Are we missing opportunities: Understanding health behaviours associated with overweight in pregnancy	The University of Queensland	\$28,000	2011
Colditz PB, Boyd R, Rose S, Finnigan S	Ischaemia as a causal pathway to cerebral palsy in the pre-term baby: Advances in prognostication, treatment and prevention	Cerebral Palsy Institute	\$50,000	2010-2011
Colditz PB, Vanhatalo S	Brain diagnostics and monitoring in the early neonatal period	University of Helsinki	\$51,137	2010-2011
Hunt R, Colditz PB, Inder T, Badawi N, Simmer K, Liley H, Osborn D, Cheong J, Wright I	A study of the impact of treating electrographic seizures in term or near-term infants with neonatal encephalopathy	NHMRC	\$1,301,309	2011-2015
Colditz PB, Boashash B	Design of a computer-automated system for foetal movement classification in the case of high-risk pregnancies using advanced signal processing algorithms	Qatar National Research Fund University of Qatar	\$949,282	2010-2012
Colditz PB, Boashash B	EEG signal classification for newborn outcome prediction after perinatal brain injury	Qatar National Research Fund University of Qatar	\$1,013,86	2010-2012

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Colditz PB, Sanders M, Boyd R, Pritchard M, Gray P, O'Callaghan M, Slaughter V, Whittingham K	A parenting program for infants born very pre-term	RBWH	\$30,000	2011
Finnegan S	Protecting newborn brains via innovative monitoring technology	NHMRC	\$370,000	2010-2012
Mesbah M, Colditz PB, East CE, Smeathers J, Boashash B	Detection and quantification of general fetal movements from accelerometer measurements using nonstationary signal processing techniques	ARC	\$150,000	2010-2012
Pow D, Barnett NL, Lingwood B, Bjorkman S, Buller KB, Colditz PB	Astrocyte regulation of ammonia and glutamate in neonatal hypoxia/ischaemia	NHMRC	\$532,629	2010-2012
Mamun A, O'Callaghan M, Najman J, Alati R, Williams G, Clavarino A, McIntyre DH	Early origins, progression and aetiology of obesity, metabolic syndrome and diabetes: 30 years follow-up study	NHMRC	\$1,151,67	2010-2014
Borges K, Taylor SM	Complement activation in experimental epilepsy	NHMRC	\$303,750	2010-2012
Johnson D, Gobe GC, West M, Brown L, Vesey D	Enhancing erythropoietin therapy in ischaemia-reperfusion injury of heart and kidney	NHMRC	\$348,750	2010-2012
Buller KM, Colditz PB, Gobe GC	Targeting neuroinflammation to prevent progressive neuronal loss after hypoxic-ischemic injury in the pre-term neonate brain	NHMRC	\$413,375	2009-2011
Sullivan S	Astrocytes: A possible target to treat hypoxic brain damage	NHMRC	\$285,000	2009-2012
Taylor SM, Woodruff TM, Callaway LK, Finnell RH	Complement C5a receptors, placental inflammation and reproductive impairment	NHMRC	\$967,750	2009-2013
Pow DV, Barnett NL, Provis J, Taylor S, Woodruff T, Kwan AS	Characterising novel therapeutic interventions in a new model of focal retinopathy	NHMRC	\$516,250	2009-2011
Pow D, Poronnik P, Colditz PB	A novel marker of distressed neurons in the hypoxic brain: Regulation, function and potential clinical utility	NHMRC	\$514,719	2009-2011
Lingwood B, Colditz PB, Lumbers ER, Evans N, Osborn DA	Improving outcomes for premature infants through effective maintenance of systemic blood flow	NHMRC	\$758,750	2009-2011
Bjorkman ST	GABA excitotoxicity neuroprotection and the perinatal brain	NHMRC	\$526,500	2009-2012
Callaway LK	Foundation Fellowship	RBWH Foundation	\$150,000	2009-2011

Publications

Abed M, Belouchrani A, Cheriet M, Boashash B. Compact support kernels based time-frequency distributions: Performance evaluation. ICASSP. 2011:4180-3.

Barrett HL, Lust K, Callaway LK, Fagermo N, Portmann C. Termination of pregnancy for maternal medical indications: Failings in delivery of contraceptive advice? Aust N Z J Obstet Gynaecol. 2011 Dec;51(6):532-5.

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Publications

- Byrne NM, Groves AM, McIntyre HD, Callaway LK. Changes in resting and walking energy expenditure and walking speed during pregnancy in obese women. *Am J Clin Nutr.* 2011 Sep;94(3):819-30.
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- Flenady V, Koopmans L, Middleton P, Froen JF, Smith GC, Gibbons K, Coory M, Gordon A, Ellwood D, McIntyre HD, Fretts R, Ezzati M. Major risk factors for stillbirth in high-income countries: a systematic review and meta-analysis. *Lancet.* 2011 Apr 16;377(9774):1331-40.
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- Layeghy S OM, Khlif M.S, Amindavar H.R. A Time Frequency Approach to CFAR Detection. IEEE International Symposium on Signal Processing and Information (ISSPIT). Bilbao, Spain, 2011.
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Queensland Centre for Gynaecological Cancer

Overview

The Queensland Centre for Gynaecological Cancer (QCGC) is a statewide service for the management of women with gynaecological cancer. QCGC Research is the research branch of QCGC. The Director of QCGC Research is Professor Andreas Obermair who leads and develops the unit to produce meaningful research outcomes.

It is the vision of QCGC Research to achieve financial stability by 2013, through the forming of strategic partnerships. QCGC Research's mission is to research and develop the best standard of care for women experiencing gynaecological cancer. This may include finding causes for and preventing gynaecological cancer and finding better treatment options to cure women affected by gynaecological cancer.

QCGC Research focus on conducting surgical clinical trials in the field of gynaecological cancer but we also perform groundbreaking work outside the conventional clinical trials framework. Additionally we teach and train new researchers (MD and PhD programs) who will then take over as the research elite of tomorrow.



Assoc. Prof. James Nicklin
Clinical Director
Gynaecological Oncology

Research staff

Name	Qualifications	Position	Interests/specialities
Assoc. Prof. James Nicklin	MBBS, FRANZCOG, CGO	Clinical Director, Gynaecological Oncology	gynaecological oncology
Prof. Andreas Obermair	MD, FRANZCOG, CGO	Director, Research	gynaecological oncology
Dr Russell Land	MBBS, FRANZCOG, GradDip (Palliative Care), CGO	Visiting Medical Officer	gynaecological oncology
Dr Andrea Garrett	MBBS, FRANZCOG, DipPallCare, CGO	Staff Specialist	gynaecological oncology
Dr Jason Tan	MD, DO	Clinical Fellow	gynaecological oncology
Dr Neven Chetty		Clinical Fellow	gynaecological oncology
Judith Eddy	RN, RM	Gynaecological Oncology Case Manager	gynaecological oncology
Karen Sanday	BSc, HIM	Gynaecological Oncology Data Manager	gynaecological oncology
Dr Srinivas Kondalsamy-Chennakesavan	MBBS, MPH	Senior Research Fellow	gynaecological oncology
Trudi Cattley	BAppSc, GradCert (Clinical Trial Management)	Clinical Research Manager	clinical trials
Merran Williams	MHSc, Health Science/ Health Promotion	Project Manager; Volunteer Coordinator	gynaecological oncology
Fiona Menzies	BSc, DipPharmacy Technician	Clinical Trial Manager	clinical trials
Vanessa Behan	BNurs	Clinical Trial Manager	clinical trials
Dana Middleton	BNurs, GradCert (Clinical Trial Management)	Clinical Trial Manager	clinical trials
Kate Russell	BSc	Clinical Trial Coordinator	clinical trials
David Hickey	BAppSc	Clinical Trial Coordinator	clinical trials
Kerry Millgate	BNurse, GradDip (Respiratory Sc)	Clinical Trial Coordinator	clinical trials
Genevieve Skinner	RN	Clinical Trial Coordinator	clinical trials
Anne Hughes	BSc	Clinical Trial Coordinator	clinical trials
Noel Lipscombe	BNurs, GradDip	Clinical Trial Coordinator	clinical trials
Samantha Gray	BBiotech	Clinical Trial Coordinator	clinical trials
Yen Tan	BSc, MSc (Epidemiology)	Clinical Trial Assistant	clinical trials

Supervised postgraduate students

Name	Current studies	Research topic
Tan Y	PhD	Australian Cancer Genetics - Motivators and barriers of referral
Noon L	PhD	Factors influencing uptake of genetic services

Research grants

Investigators	Project title	Granting body	Amount awarded	Years of funding
Obermair A, Janda M, Forder P	LACE - Laparoscopic approach to carcinoma of the endometrium	Cancer Australia	\$585,250	2010-2012
Obermair A, Janda M, Graves N, Bauer J	Post-operative enteral nutrition among patients with ovarian cancer	Cancer Australia	\$476,200	2010-2012
Obermair A	National Gynaecological Cancers Service Delivery and Resources Framework	Cancer Australia	\$200,000	2009-2011
Obermair A, Janda M, Forder P	LACE - Laparoscopic Approach to Carcinoma of the Endometrium	RBWH - Near Miss	\$100,000	2011
Obermair A, Graves N	Analysis of cost effectiveness of total laparoscopic hysterectomy (TLH) relative to total abdominal hysterectomy (TAH) in early stage endometrial cancer	Ages	\$10,000	2011

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Kondalsamy-Chennakesavan S, Gordon LG, Sanday K, Bouman C, De Jong S, Nicklin J, Land R, Obermair A. Hospital costs associated with adverse events in gynecological oncology. *Gynecol Oncol*. 2011 Apr;121(1):70-5. Times cited = 0; Impact Factor = 3.76

Obermair A, Mileshekin L, Bolz K, Kondalsamy-Chennakesavan S, Cheuk R, Vasey P, Wyld D, Goh J, Nicklin JL, Perrin LC, Sykes P, Janda M. Prospective, non-randomised phase 2 clinical trial of carboplatin plus paclitaxel with sequential radical pelvic radiotherapy for uterine papillary serous carcinoma. *Gynecol Oncol*. 2011 Feb;120(2):179-84. Times cited = 1; Impact Factor = 3.76.

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Baker J, Obermair A, GebSKI V, Janda M. Efficacy of oral or intrauterine device-delivered progestin in patients with complex endometrial hyperplasia with atypia or early endometrial adenocarcinoma: A meta-analysis and systematic review of the literature. *Gynecol Oncol*. 2011 Dec 3. [E-pub ahead of print] Impact Factor = 3.76.

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Finnane A; Hayes SC; Obermair A; Janda M. Quality of life of women with lower-limb lymphedema following gynecological cancer. Expert review of pharmacoeconomics and outcomes research. 2011;11(3):287-97. Times cited = 0; Impact Factor = unknown.

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