Griffith Health Vision

Promoting Health, Enabling Communities
Griffith Health will, through leadership and innovation in teaching, research and community engagement, create sustained improvements in all aspects of health and health care for the local, national and international communities.

Health Group Research Grant Success

The Health Group has attracted more than $5 million in external funding for a range of research.

Dr Nigel Morrison (Genomics Research Centre), received NHMRC funding to study mutations in the RUNX2 gene - a gene that controls osteoblast development.

His team will investigate variants of the gene that impact on common diseases such as osteoporosis.

Over 100,000 Australians could be carrying such a mutation that predisposes them to low bone density and a higher risk of bone fractures.

This gene is also expressed in cartilage and may have effects on conditions such as osteoarthritis.

Dean of Medicine Professor Judy Searle, Head of Psychology Professor Peter Creed and research fellow Dr Mary Rogers, have received ARC funding for a national study of medical students, their personalities, values and career aspirations.

The study will help inform future health workforce planning and assist in correcting doctor shortages in many communities as well as useful inform student selection and curriculum interventions.

This is one of a number of new projects that will track the career choices of medical students and junior doctors and the factors that shape their decisions.

Medical educators may also find the information useful to inform the development of student selection and curriculum interventions that help redress the problem of mal-distribution of doctors.

ARC funding will support an international study of work-life balance led by the School of Psychology’s Dr Paula Brough.

The study will document the employment experiences of new parents over three years - monitoring changes in job performance, satisfaction, wellbeing and aspirations as family responsibilities change.

It will gather evidence from Australia, New Zealand, Hong Kong and China and provide useful insight into cross-cultural differences.

The study will also contribute to the development of a practical measure of work-life balance – a tool which could be used by organisations to track the impact of their family-friendly policies and practices.
**School of Human Services**

**Head of School – Dr Jayne Clapton**

Established on Logan Campus in 1999, the School of Human Services continues to grow. In 2006, the Bachelor of Social Work commenced, adding to the existing undergraduate offerings in the Bachelor of Human Services and the Bachelor of Human Services in Child and Family Studies; along with combined degrees with primary education and criminology and criminal justice.

Human Services is a multidisciplinary school, offering undergraduate and postgraduate majors in fields including family and community studies, rehabilitation counselling, disability studies, child protection, studies in ageing and child and family studies.

The School has a well established work integrated learning focus achieved through strong relationships with government and community human service agencies.

Over the years, the School of Human Services has been signified by excellence in learning and teaching achievements; and has been at the forefront of innovation in learning support and academic pathways.

Research outputs of staff and research students are also gaining recognition for excellence; and these will be enhanced even more following recent new staff appointments. New programs such as the Master of Social Work and Master of Mental Health Practice are to be developed for student intakes in 2008.

**School of Public Health**

The School of Public Health has recently undergone an External Review that has helped identify the challenges and opportunities for the School over the next five years.

With the increasing need for public health approaches to local, national and global health issues, the importance of a public health platform in Griffith Health activities is obvious. The School is updating the Master of Public Health program, building on the strong international student demand in the Master of Health Service Management and strategically re-positioning the undergraduate programs in health promotion and environmental health.

The School is also capitalising on the success of the Masters of Nutrition and Dietetic program by doubling its student intake and expanding the program to two years from 2007 to enhance clinical skill development and research training of graduates.

The School’s research performance has improved significantly with recent successful research grant success and publications in public health nutrition, water quality and health promotion.

**Heart Foundation Research Centre**

**Director – Professor John Headrick.**

The Heart Foundation Research Centre (HFRC), established at Griffith by Professors Roger Willis and John Headrick in 2000, emerged from the earlier Rotary Centre for Cardiovascular Research. The Centre’s research mission is to enhance our understanding of the genesis of cardio-respiratory disorders, and to identify new ways of preventing or treating these diseases.

A specific focus of the HFRC remains ‘age-related’ changes in cardiovascular health, from youth to old age. The importance of cardiovascular research is underpinned by its prevalence in our society - cardiovascular and associated respiratory disorders remain the nation’s single leading causes of premature death (40%) and disability. Nonetheless, and paradoxically, cardiovascular research in Australia receives a relatively small proportion of national medical research funding. This makes the role of the National Heart Foundation, with which the Centre is affiliated, extremely important.

Research within the HFRC is primarily undertaken within the following programs: Myocardiology; Nutrition and Public Health; Apoptosis and Cell Stress; Exercise Biology/Rehabilitation; Respiratory Physiology; Bioenergetics and Muscle Biology. Exciting new research is: examining novel methods for reducing cellular damage associated with heart attack (particularly in aged hearts); investigating diet/nutrition and physical activity for pregnant and postnatal disadvantaged women; and identifying more sustainable diets in terms of health, economics and the environment.

The Centre and its members (currently 24 academic staff) receive financial support from the NHMRC, NHF, ARC, QLD Health, Ramaciotti Foundation, Horticulture Australia, and other external agencies. Three of our staff are presently NHMRC and NHF research fellows.
Staff Profiles

Mr Alf Davis, B Social Work

Lecturer, School of Human Services

Alf Davis was appointed as Lecturer, Indigenous Practice within the School of Human Services at Logan in October. Alf graduated with a Bachelor of Social Work in 1996.

Since graduation, Alf has worked primarily as a social worker specialising in abuse therapy in a variety of government and non-government settings such as at the Brisbane Youth Detention Centre and the Department of Child Safety. The majority of Alf’s work has been with what are termed “complex” or “high needs” children and families and often within the indigenous community. Alf has just completed two years policy work for Queensland Aboriginal and Islander Health Council (QAIHC) assisting indigenous recognised entities working in the statutory child protection system.

Alf is very much looking forward to the challenges of his new position, including the opportunity to focus on his research. Alf’s areas of interest include indigenous youth and families in the statutory juvenile justice and child protection systems, and particularly how non-indigenous professionals and systems respond to issues of Aboriginal and Islander marginalisation.

Associate Professor Roger Hughes

BSc, Grad Dip Nut&Diet, PGrad Dip Hlth Promo, MPH, PhD

Deputy Head of School, School of Public Health

Associate Professor Roger Hughes joined Griffith in late 1997 as Foundation Program Convenor for the Master of Nutrition and Dietetic Program. He lead this Program’s development through to professional accreditation in 1999, full accreditation in 2005, and is now coordinating a major expansion of the program. He joined the School of Public Health in 2005 as Deputy Head of School.

Roger has almost 10 years practice as a clinical dietitian, health service manager and public health nutritionist. His practice and research address nutrition issues, such as breastfeeding promotion, obesity prevention and related intervention strategies. He currently leads a $0.5 million Health Promotion Queensland Project focusing on maternal and infant nutrition and physical activity promotion (the Growing Years Project) with a team of collaborators on the Gold Coast.

He is an advisor and collaborator on projects in the European Union (as a co-investigator with colleagues at the Karolinska Institute) and in Canada. In 2006 he was appointed as Visiting Associate in the Unit of Preventive Nutrition, Karolinska Institute in Sweden. He is Deputy Editor of the international journal Public Health Nutrition and was recently appointed to a group of ten nutritionists globally to draft the constitution for the World Public Health Nutrition Association.

Dr Jason Peart, B Biomed Sc (Hons), PhD

NHMRC Research Fellow, Heart Foundation Research Centre

Following a Bachelors in Biomedical Science (Hons), Dr Jason Peart completed his PhD in 2002 at Griffith. He then went on to a very rewarding post-doctoral position at the Medical College of Wisconsin, where as an American Heart Association Fellow he worked under the mentorship of Professor Garrett Gross. This opened many new research vistas, and in 2005 Dr Peart returned to the Heart Foundation Research Centre as an NHMRC Howard Florey Centenary Research Fellow.

In the Heart Foundation Research Centre on the Gold Coast campus, Dr Peart’s research interests have continued to focus on molecular mechanisms by which we can limit cardiac injury following heart attack. Specifically looking at the roles of adenosine and opioids, his research models extend to the identification of aging related changes that lead to enhanced damage in older hearts.

Dr Peart was recently awarded a prestigious NHMRC Career Development Fellowship, providing support for his research into tissue protection and aging till 2011.
Staff News

Awards
Dr Jennifer Osmond of the School of Human Services and Professor Ian O’Connor have been awarded the Norman Smith Award for 2006. This prize is awarded annually to the research based article published in Australian Social Work that makes the most significant contribution to professional practice. Their paper entitled “Use of theory and research in social work practice: Implications for knowledge-based practice” reported on a qualitative study of social workers’ use of theory and research in practice. It was recommended that all stakeholders involved in the education and monitoring of practice behaviour collaboratively strengthen accountable practice. Jennifer’s interest in knowledge utilisation has now extended to foster parents. She is currently undertaking research with care providers in order to understand their knowledge-needs in caring for traumatised children.

Congratulations to Griffith Health staff who recently received the following:

Griffith Learning and Teaching Awards

Faculty Learning and Teaching Citations
Professor Amanda Henderson, School of Nursing and Midwifery
Dr Stephen Larmar, School of Human Services
Dr Greg Reddan, School of Physiotherapy and Exercise Science
Dr Debra Bath, School of Psychology

Griffith Awards for Excellence in Teaching
Early Career Award
Dr Debra Bath, School of Psychology (Joint winner)

Highly Commended:
Dr David Neumann, School of Psychology
Mr Ramon Shaban, School of Nursing and Midwifery
Dr Evelin Tiralongo, School of Pharmacy

Honours and Postgraduate Coursework Supervision Award
Professor Wendy Chaboyer, Centre for Clinical Practice
Innovation, School of Nursing and Midwifery (Joint winner)

Higher Degree Research Supervision Award
Highly Commended:
Dr Nigel Morrison, School of Medical Science
Professor Wendy Moyle, School of Nursing and Midwifery

Dean’s Certificate of Commendation
Dr Karen Murphy, School of Psychology
Dr Belinda Beck, School of Physiotherapy and Exercise Science
Dr Rod Barret, School of Physiotherapy and Exercise Science
Mr Ramon Shaban, School of Nursing and Midwifery

Innovation Across the Institution Award
Mr Robert Loudon, Mr Manish Savsani, and Ms Samantha Kelly, Educational Products and Services, Flexible Learning and Access Services and Associate Professor Raymond Tedman and Dr Heather Alexander, School of Medicine
SoMRMS - School of Medicine Resource Management System
AREA - Innovation in Curricula, Learning and Teaching

Griffith Health acknowledges the following staff who have contributed 15 years service to Griffith University: A/Prof Elizabeth Kendall (HSV); Dr Jay Browning (MSC); A/Prof Elizabeth Patterson, Dr Jennifer Rowe, Ms Brenda Woods (NRS); Dr Lydia Hohaus, Dr Briony Thompson, Dr Keithia Wilson (PSY).

School of Dentistry and Oral Health
Professor Newell W Johnson, Dean of Griffith University’s School of Dentistry and Oral Health has been appointed Interim Chair of the Committee of Heads and Deans of Australian Dental Schools. He will help steer further development of the Committee, including expanding its membership to include the heads of all educational providers of oral health programs registerable with the Australian Dental Council and the Dental Council of New Zealand. The committee aims to advance common standards and terminology across undergraduate and postgraduate degrees; contribute to workforce planning; boost funding for education and research; and provide an effective lobby group for the oral health professions.

School of Public Health
Cassandra Douglas-Hill will finish her work with Dr Shawn Somerset on a study to assess community capacity development in the Logan-based campus food garden. Major achievements of this project in 2006 have been the strengthening of links with migrant support groups in the Logan region and extension of gardening as a nutrition education strategy in local primary and secondary schools.

Professor Claude Masson, Director of the National Institute for Food Industry Training (INSFA) in Rennes, France will visit SPH as part of an exchange initiative for public health nutrition research students. INSFA provides advanced training in Nutrition, Food Technology and Marketing for the French food industry, and SPH has hosted INSFA students since 2004.

Adjunct Associate Professor Agneta Yngve, Director of the Unit of Preventive Nutrition, Karolinska Institutet, Sweden and Editor in chief of the journal Public Health Nutrition will visit the Gold campus in the first week in December to assist with PhD confirmation assessments and continue her long term collaboration on teaching and research with Associate Professor Roger Hughes.

Dr Ann Fox, Director of Community Nutrition Programs, University of Toronto, Canada will visit in December to collaborate with Associate Professor Roger Hughes on public health nutrition workforce development research and student exchange programs between Australia and Canada.

New Staff Appointments
School of Nursing and Midwifery, Ms Noela Baigrie, Associate Lecturer
School of Physiotherapy and Exercise Science, Mr Surendran Sabapathy, Associate Lecturer
School of Psychology, Dr Andrew Zele, Lecturer
**Student News**

**Griffith Health Rugby Win Against Bond**

On Friday the 13th of October the might of Griffith Health took on the best from Bond Health in a Rugby Union match held at Bond's grounds. Kick off was at 4:30 and playing time was broken up into 15-minute quarters, which lent itself to some explosive rugby from both teams. The Griffith boys scored the first try of the match about seven minutes in, courtesy of Alan Chan (Exercise Science). Bond responded just minutes later with a five-pointer right under the posts. Both teams then went blow for blow till five minutes to go, scores were locked at 17-all, and Jared Philips finished off a brisk backline move to score on the left hand side and secure the win. The final score was Griffith 22, Bond 17. Other try scorers on the day were Joel Simpson (Exercise Science) and Tom Stewart (Biomed).

We would like to thank our sponsor for the match “Cocktails and Dreams” for their wonderful support. Also we’d like to thank all the boys for their efforts, especially Benny Fretton and Jonathan Chin for organising the event. We hope to make this the inaugural event and look forward to your continued support next year.

**Conference Award Winners**

Melissa Reichelt, completing her PhD studies within the Heart Foundation Research Centre, was awarded equal 2nd place in the student oral presentations at the Australasian Meeting of the International Society for Heart Research in Perth, 2006.

Suzanne Owen, completing her PhD studies within the Heart Foundation Research Centre, was awarded first prize for her student poster “The effect of adenosine on rates of ovarian blood flow and oxygen consumption in the day 16 pregnant rat in vivo” at the 3rd Annual Meeting on Advances in Urogenital Research (ASCEPT) held on the Griffith Gold Coast campus 29 September 2006.

**Community and Youth Work Graduates**

BoysTown employees Rachel Stokman and Kelli Hewton were among the first cohort to complete Griffith’s unique Graduate Certificate in Community and Youth Work. The Graduate Certificate includes training in community work practice, youth work, counselling and case management.

The School of Human Services and BoysTown formed a partnership in 2005 to provide professional development opportunities to youth workers and deliver practical benefits to the community.

Based at BoysTown Logan office, Rachel travels to prisons across South Eastern Queensland working with disadvantaged young people. Studying at Griffith gave her a comprehensive theoretical base as well as direction and context to her work.

Kelli helps unemployed youth get back into the workforce. Kelli says that young people are often not aware of what resources and tools they can access in searching for jobs. Studying at Griffith was very useful for her job as she has to address the needs of each individual on a case by case basis.

**Community Development Conference**

Bachelor of Human Services student Gayleen Furneaux presented her research project on community development recently at the Community Centres and Family Support Network Association of Queensland conference in Cairns. In partnership with the Queensland Council of Social Service (QCOSS), Gayleen has mapped the activities of community centres in Brisbane, Logan and the Sunshine Coast. She found while funding for such centres is often based on a quantitative measure of the services they provide, community centres do much more than service provision. They are often meeting places for playgroups, senior citizens and special interest groups, and are a conduit to further training and re-entering the workforce programs. There is a unique sense of belonging in such centres with clients often becoming volunteer workers and thereby further contributing to the development of social capital. The findings will assist QCOSS in advocating for long-term funding of community centres.

**Health students reach out across the world**

Griffith’s medical and dental students have formed HOPE4HEALTH, a non-profit organisation which aims to advance and promote equitable health outcomes for local, rural, indigenous and international communities. The main focus for the group in 2007 is their HOPE4GHANA project - fundraising to help provide a maternity ward and family planning clinic for a medical centre in the village of Dabaa in Ghana, West Africa. Stage One of the centre - a dispensary, laboratory, and consulting rooms for outpatient services, immunization facilities, and minor medical procedures - is funded by another Gold Coast organisation, The Watson Foundation, and is due for completion in March 2007. Stage Two of the project, funded by HOPE4HEALTH, is expected to be completed by December 2007 in time for a visit by some of the students. The HOPE4HEALTH committee includes Marty Brewster (President), Chantelle Berenger (Vice President), Kelly Dalton (Secretary), David Rawson (Treasurer), Angela Hamilton (Sponsorship), Linda Dalic (Events Coordinator), Claire Cuscaden (Public Relations Officer), Adrian Barnett (Publications) and Sam Cruise (Webmaster). A Gala Charity Dinner planned for the Gold Coast Convention and Exhibition on Saturday, May 26 will be a major fundraising event for the committee. HOPE4HEALTH is looking to expand into other health disciplines and involve as many Griffith students as possible. Contact: info@hope4health.org.au
Group News

Reuben Pelerman Benevolent Foundation

Reuben Pelerman Benevolent Foundation has awarded Griffith Health $50,000 over a five year period towards Child Health Research. This funding will go towards a PhD Scholarship (50%) into infant mental health research, to investigate the bond between mothers and babies with the aim to educate and develop interventions to improve attachment.

Dentistry and Oral Health Guild Cocktail Event

A thank you event was held on Thursday 2 November for members and supporters of the Dental and Oral Health Guild. The Guild have raised over $30,000 since their formation less than 12 months ago.

The cocktail event was hosted by Professor Newell Johnson at his home and was well attended with Dr Gerald Thurnwald, Guild Chair and Professor Allan Cripps, Pro-Vice-Chancellor (Health) delivering speeches and handing out certificates to guild donors in recognition and appreciation of their support.

Annual Meeting on Advances in Urogenital Research

The 3rd Annual Meeting on Advances in Urogenital Research, a one-day interdisciplinary meeting, concentrating on recent advances relevant to human urogenital tract research was held at Griffith on 29 September 2006. The meeting organisers included Dr Roselyn Rose’Meyer, Professor Elizabeth Burcher (University of New South Wales), Professor Russ Chess Williams (Bond University) and Dr John Haynes and Dr Sab Ventura (Monash University).

The focus of the meeting which was attended by clinicians, researchers, postgraduate students and allied health professionals, was to discuss current studies in bladder function in particular the use of botox and resiniferatoxin in the treatment of overactive bladder syndrome and innovations in prostate research.

School of Nursing and Midwifery

Opening of New Nurse Education Facility

A new 15-bed clinical education facility has opened at the School of Nursing and Midwifery at Logan campus. The facility, designed as mock hospital wards and including special features such as disabled bathrooms, provides an authentic learning environment for undergraduate nursing students and midwifery students.

The new facilities provide high quality on-campus clinical practice for students, that in conjunction with off-campus clinical practice experience, helps prepare them well for the health workforce. The School of Nursing and Midwifery at Logan campus has graduated more than 500 registered nurses in its eight years of operation with many of these graduates employed in the Logan region.

Mrs Desley Scott MP, Member for Woodridge and a member of the Griffith University Logan Campus Development Advisory Group and Professor Max Standage, Pro Vice Chancellor Equity & Community Partnerships and Provost Logan Campus officiated at the launch.

Fulbright Scholarship

Professor Suzanne Smeltzer, Director, Nursing Research College of Nursing Villanova University Pennsylvania USA, has been awarded a Fulbright Scholarship for 2007.

Suzanne will be based in the School of Nursing and Midwifery at Logan. Suzanne will be undertaking research addressing the teaching of disability in nursing curricula nationwide. She will also contribute to undergraduate research, post graduate research and the Research Centre for Practice Innovation.

Text Book Launch

Two influential nursing texts, edited by senior School of Nursing and Midwifery staff, were recently launched at the Gold Coast campus.

The books *Community Nursing Practice* and *Critical Care Nursing* also highlight the diversity of career opportunities for nursing graduates in a changing healthcare system.

Associate Professor Winsome St John, co-editor of *Community Nursing Practice*, said trends such as a focus on disease prevention, early discharge of patients from hospitals and a need for chronic disease management were expanding opportunities for nurses working in the community.

Professors Leanne Aitken and Wendy Chaboyer, two of the three editors of *Critical Care Nursing* were recently awarded life membership of the Australian College of Critical Care Nurses for her contribution to the profession.

While care of the critically ill patient is increasingly supported by high tech equipment and investigations, the comprehensive text also includes discussion on issues such as ethical and psychosocial care of patients.
Grant Funding


Moyle W, Cheek J, McAllister MM, Venturato L, Francis CG. Enhancing Moral Care and Quality of Life in People with Dementia. ARC Linkage, $183,000.


Somerset S. Extension of school gardens as a health promotion resource in the Logan region. Logan City Council Scheme. 2006: $5,000.

Somerset S. Water management installation for Griffith University Community Garden. Logan City Council Scheme. 2006: $4,950.


Research Update

Griffith University has launched its flagship 25-year study into the social and environmental determinants of health in young families in southeast Queensland.

One thousand infants yet to be born at the Gold Coast, Tweed and Logan hospitals will be the first recruits into the visionary, long-term project. About 12,000 infants will be involved in the study.

Chief investigator of the Griffith Study of Population Health Professor Rod McClure said the project would initially focus on issues such as growth restriction in infants, childhood obesity, children’s oral health, childhood injury and the effect of parenting on child behaviour.

However, the ambitious project, part of Griffith’s Strategic Research Program in Epidemiology and Population Health, is expected to generate information across the various life stages and ultimately improve health outcomes for the whole community.

Women attending antenatal clinics at the participating hospitals will be invited to enrol in the study and the development of their babies will be followed through childhood and adolescence into adulthood.

Expectant mothers, new mothers and babies, health professionals and researchers attended the launch which coincided with a national Thank You Day initiative by Research Australia to celebrate the work of health and medical researchers.

The 2006 theme for Thank You Day - Then, Now, Imagine - honours the impact of medical research across generations in the past, in the present and into the future.

Guests at the launch including tennis great and Gold Coast mother of three Liz Smylie signed a giant 3 metre x 2 metre Thank You card.
Conference Presentations


Browne G, Hemsley M, St John W. The RAP project: Participation and empowerment guiding housing options for people recovering from mental illness. 6th Annual Health and Medical Research Conference of Queensland, Brisbane. 23 November 2006.

Browne G, St John W. The recovery and accommodation project: supporting people with a mental illness in their recovery. 32nd Annual International Conference, Australian and New Zealand College of Mental Health Nurses. Alice Springs, Australia. 2-6 October, 2006.


Emmanuel E, Creedy D, St John W, Gamble J. Maternal distress: Putting motherhood at risk. 32nd Annual International Conference, Australian and New Zealand College of Mental Health Nurses. Alice Springs, Australia. 2-6 October, 2006.


Hemsley M, Browne G, St John W. Participation as a key element of the emerging paradigm of recovery for service: Provision for people living with mental illness: A review of the literature. 6th Annual Health and Medical Research Conference of Queensland, Brisbane. 23 November 2006.

Howard PF. Cardiovascular Health: the evidence for a combined prevention approach. 17th Great Wall International Cardiology Congress, Beijing, November 2006.


Conference Presentations (contd)


Patterson E, Muenchberger H, Kendall E. The current and potential role of practice nurses in the coordinated care of individuals with chronic and complex conditions. 4th National General Practice Nurse Conference, Radisson, Gold Coast, 12-14 October 2006.

Peart J. p38 MAPK activation restores cardioprotection in the aged heart. ISHR Australasian Section, August 2006.

Peart J. Developing a Scientific Career; the experiences of an early-career scientist. ISHR Australasian Section, August 2006.

Peart J. Opioid-Induced Preconditioning: Recent advances and Future Perspectives. ISMC 2006 meeting, Hungary, September 2006.


Reddan G. The benefits of a mock interview in a work experience course. Australian Collaborative Education Network Conference. Griffith University, Gold Coast. 29 September 2006.


Walker D. Factors influencing the development and uptake of the oral health role of Aboriginal Health Workers NSW Aboriginal Health Workers State Conference, Sydney 21-22 September 2006.


Wang XF, Neuzil J. Mitochondrial pathway plays an important role in apoptosis induction in HER2/erbB2-overexpressing breast cancer cells by vitamin E analogues. 11th World Congress on Advances in Oncology and 9th International Symposium on Molecular Medicine October 12-14, 2006, Crete, Greece.


Publications


Publications (contd)


Schneider DA, Berwick JP, Sabapathy S and Minahan CL. Delayed onset muscle soreness does not alter 


St John W. Chapter 1: Context and roles in community nursing practice

St John W, Keleher H. Chapter 5: Community assessment for health

St John W. Chapter 7: Health screening

Wollin J, St John W. Chapter 11: Research and evidence for community nursing practice

Keleher H, St John W. Chapter 12: Community projects and program planning

St John W, Fraser K, Bennett E. Chapter 13: Home visiting

Flowers K, St John, W. Chapter 14: Working with families

de Crespigny C, St John W. Chapter 15: Working with community groups

Milnes P, Fenwick C, Truscott K, St John W. Chapter 16: Working in a cross cultural setting

Ryan C, Shaban R, St John W. Chapter 17: Working in a community-based organisation

St John W, Shaban R. Chapter 18: Self-management in community practice

Seigl E, St John, W, Keleher H, St John W Chapter 20: Professional issues in community practice


Widén C, Barclay CJ. ATP-splitting by half the cross-bridges can explain the twitch energetics of mouse papillary muscle. *J Physiol* 2006;573:5-15.


Windus J, Baille E, Hughes R. An investigation of dietary and physical activity advice provided to new mothers by first contact points in a local health system: Implications for intervention. *Nurtit Dietet* 2006;63(1):A5S.


