Recently completed postgraduate and honours research

These lists of authors and titles of postgraduate physiotherapy studies was supplied by the universities named, except where the postgraduate qualification was obtained at a university which does not have a school of physiotherapy, in which case the details were provided by the individual concerned. The Australian Journal of Physiotherapy endeavours to publish project titles, and the names of persons involved in completion of the projects, on an annual basis. Physiotherapists completing postgraduate studies in fields not directly related to physiotherapy, and physiotherapists completing physiotherapy-related postgraduate studies at universities other than those included here, are invited to forward the details to the Editor.

CURTIN UNIVERSITY OF TECHNOLOGY

School of Physiotherapy

**DOCTOR OF PHILOSOPHY**

Mak M: An investigation of sit-to-stand in patients with Parkinson's disease. (Supervised by J Cole)

Mekhora K: Effect of computer workstation set-up on tension neck syndrome. (Supervised by Colleen Liston)

**MASTER OF SCIENCE**

Cecins N: Airway clearance techniques in bronchiectasis: Evaluation of the head-down position. (Supervised by S Jenkins)

Fidel C: An assessment of spinal curvature and passive knee extension stiffness during the slump test. (Supervised by G Allison)

Moog M: Allodynia and psychological profiles in chronic whiplash patients. (Supervised by M Zusman)

Petta A: Cardiovascular and respiratory responses to unsupported upper limb exercise in normal subjects and coronary artery surgery patients. (Supervised by Sue Jenkins)

Tucker B: Unilateral thoracic expansion exercises alter regional lung ventilation. (Supervised by S Jenkins)

**MASTER OF MANIPULATIVE THERAPY**

Beales D, Beetham J, Cripps J, Graf F and Lin I: Stabilising strategies in subjects with sacroiliac joint pain instability. (Supervised by P O'Sullivan and B Tucker)

Bourgoin C, Eils G and Garnevall B: Pain and muscular responses to the median nerve neural tissue provocation test in subjects with cervicobrachial pain syndrome. (Supervised by B van der Heide and R Elvey)

Cacho A, McNee C, Riches J and Walsh J: Effects of Mulligan traction straight leg raise on range of hip flexion and sagittal pelvic rotation. (Supervised by T Hall)


Grahamslaw K, Kendell M, Lapenskie S, Möller N and Richards K: The effect of different standing and sitting postures on trunk muscle activity in a pain free population. (Supervised by P O'Sullivan)

**MASTER OF SPORTS PHYSIOTHERAPY**

Brash N, Caputi N, Horne R and Thompson L: A comparison of real time ultrasound and conventional methods for teaching an isolated transversus abdominis muscle contraction in normal subjects. (Supervised by D Hopper and F Kermode)


Poon R, Cheuk P and Bacic B: Fatiguability of the vastus medialis oblique and vastus lateralis muscles in subjects with a clinical diagnosis of patellofemoral joint pain compared to controls during a knee extension exercise. (Supervised by P O’Sullivan and G Strauss)

**MASTER OF PHYSIOTHERAPY**

(Gerontology)

Lim KB and Soh TS: Physiotherapists’ knowledge of risk factors for falls in the older persons. (Supervised by A Brown)

**MASTER OF PHYSIOTHERAPY**

(Neuroscience)

Barathi M, Mak IKM and Bae J: The effects of a verbal and an auditory task on the performance of motor tasks in people with Parkinson’s disease. (Supervised by A Furness, K Henderson and R Liston)
POSTGRADUATE DIPLOMA IN PHYSIOTHERAPY (Women's Health)

Chidlow C and Pettersson N: Development of a quality of life measure for people with chronic constipation: a pilot study. (Supervised by Sue Jones)

Lott J: Effect of a supervised exercise program on post-cancer fatigue following treatment for gynaecological cancer: a pilot project. (Supervised by Sue Jones)

BACHELOR OF SCIENCE (Physiotherapy - Honours)

Allen-Williams S: Relationship between distance walked in the incremental shuttle walking test and six minute walk test with peak oxygen uptake measured in the cycle ergometer test in patients with chronic airflow limitation.

Sceales D: Joint position sense of the osteoarthritic and surgically replaced hip joint.

Sharma J: Reliability of chest expansion measurement in people with ankylosing spondylitis and healthy individuals.

Soh S-E: The health and self-efficacy beliefs of women with osteoarthritis participating regularly in an exercise program

Tai V: Dual-task interference between cognitive and mobility performances in active elderly people.

LA TROBE UNIVERSITY

School of Physiotherapy

DOCTOR OF PHILOSOPHY

Bunker S: An investigation of the extent and predictors of attendance, and reasons for non-attendance, at outpatients cardiac rehabilitation programs.

Dodd K: A reliable and valid method for measuring lateral pelvic displacement after hemiparetic stroke.

Taylor N: Measurement of the angular movements of the pelvis and lumbar spine during walking.

MASTER OF PHYSIOTHERAPY

Duke R: Investigation of factors predictive of independent transfers and ambulation following hip fracture.

BACHELOR OF PHYSIOTHERAPY (Honours)

Burgess F: The role of prone positioning in the physiotherapy management of intensive care patients with adult respiratory distress syndrome.

Hahne A: Do within-session changes in range of motion predict between-session changes in patients with low back pain?

Kaddour O: Parametric and non-parametric tests for the analysis of visual analogue scale pain data.

McKenzie L: Disorders of locomotor function in people with Huntington disease.

McMaster B: Construct validity of a questionnaire that addresses the effect of incontinence and prolapse on everyday function.

Oliver M: Flanker search complexity and “graspability”: Factors affecting pre and on-line organisation of the reach to grasp movement.

Quin A: Evaluation of the psychometric properties of the headache impact questionnaire in a population of patients seeking physiotherapy treatment for headache.

Robinson N: Case study: Programming for a manual computer-based tracking task

Shkuratova N: The effects of age on balance during walking.

THE UNIVERSITY OF SYDNEY

School of Physiotherapy

DOCTOR OF PHILOSOPHY

Boland R: Forearm and hand volumetry in carpal tunnel syndrome.

Canning C: The recovery of strength and dexterity following stroke.

Fransen M: Exercise for osteoarthritis of the knee.

Waddington G: Movement discrimination at the ankle.

MASTER OF HEALTH SCIENCE - 1999 (Manipulative Physiotherapy)

Noar E: The clinical significance of disc derangement with reduction in the temporomandibular joint.

MASTER OF APPLIED SCIENCE (Research)

Hewitt B: Kinaesthesia at the knee: the effect of osteoarthritis and bandage application.

Munn J: An investigation of eccentric muscle strength and function in subjects with functional ankle stability.

Schurr K: Some characteristics of shoulder use during the day in healthy people over the age of 60 years.

BACHELOR OF APPLIED SCIENCE (Physiotherapy – Honours)

Badr C: The effect of body position on maximum expiratory pressure and peak expiratory flow rates. (Supervised by E Ellis)
Recently completed postgraduate and honours research

Brassil B: The effect of stretch frequency bandwidth on the human tonic stretch reflex. (Supervised by N O’Dwyer and I Cathers)

Brumfield K: The experiences of adolescents with cystic fibrosis during their transition from paediatric to adult health care. (Supervised by G Lansbury)

Channon E: The efficacy of a protocol to train sitting balance early after stroke: a randomised clinical trial. (Supervised by C Dean)

Coventry S: An investigation of the stair descent pattern in health older and younger people. (Supervised by J Crosbie)

Gabriel M: Effects of pre and post-exercise stretching on risk of injury, delayed onset muscle soreness and athletic performance: a systematic review. (Supervised by R Herbert)

Gallagher J: The validity of the Sorensen Test. (Supervised by K Refshauge and C Maher)

Hagman S: Depression and low back pain. (Supervised by K Refshauge and C Maher)

Hoang P: A comparison between surface EMG and wire EMG of superficial muscles in normal shoulders. (Supervised by K Ginn and R Balnave),

Isedale M: The relationship between upper limb strength and upper limb work capacity in people with chronic airflow limitation. (Supervised by J Alison)

Low S: The effect of stroke on the torque-angle curves of the elbow flexors and extensors. (Supervised by C Canning and L Ada)

McCulloch F: Validation of the PEDro Scale. (Supervised by R Herber and C Maher)

Menadue C: Is goniometric measurement of active inversion and eversion range reliable and valid? (Supervised by S Kilbreath and K Refshauge)

Newson J: The effect of mental practice on strength loss associated with immobilisation of a limb in normals. (Supervised by P Knight)

O’Keefe A: An investigation of the stair ascent pattern in health older and younger people. (Supervised by J Crosbie)

Pill W: The acute effect of resistance exercise on postprandial lipid metabolism. (Supervised by M Bermingham)

Woolacott S: An investigation of the tonic stretch reflex following spinal cord injury: its contribution to spasticity and ankle joint stiffness. (Supervised by J Burne)

THE UNIVERSITY OF MELBOURNE

School of Physiotherapy

DOCTOR OF PHILOSOPHY

Stillman B: The clinical assessment of joint position sense. (Supervised by J McMeeken and R Macdonnell)

MASTER OF PHYSIOTHERAPY
(Research)

Bill C: A randomised controlled trial of a home gravity traction device and exercise. (Supervised by I Story and J Nitschke)

UNIVERSITY OF SOUTH AUSTRALIA

School of Physiotherapy

MASTER OF PHYSIOTHERAPY
(Research)

Rischbieth H: The physiological effects of arm cranking versus hybrid exercise, using functional electrical stimulation, in thoracic paraplegia. (Supervised by M Sharpe and A Warden-Flood)

BACHELOR OF PHYSIOTHERAPY
(Honours)


Dougherty J: The current training protocols for elite disabled swimmers. (Supervised by D Wilson)

Filby P: Validity and reliability of a screening tool to assessment risk of falling in older persons. Supervised by S Mackintosh and M Sutherland)

Gaal M: Demographic and physical assessment of finger flexor tendons in South Australian recreational rock climbers. (Supervised by M Williams and M McEvoy)

Greenham C: Outcome measures in physiotherapy management of heart and lung transplant patients in Australia and New Zealand. (Supervised by M Williams)

Guy K: The effect of inhaled 99m Technetium labelled ultrafine carbon particle aerosol (Technegas) on airway calibre in human lungs. (Supervised by F Blaney)

Lam L: Vertical spinal creep in adolescents. (Supervised by I Fulton and M Williams)

Muir K: Peak plantar pressure during gait - the effect of medial arch supports on asymptomatic females using the EMED-AT system. (Supervised by S Jones)
Russo S: The effect of foot taping on plantar pressures during gait. (Supervised by L Chipchase and S Jones)

Trinkle D: The frequency and pattern of use and perceived effect of therapeutic ultrasound by practising musculoskeletal physiotherapists in South Australia. (Supervised by L Chipchase)

Wiles L: Relationship between accelerated vertical creep and flexion spinal creep in asymptomatic subjects. (Supervised by I Fulton and P Trott)

THE UNIVERSITY OF QUEENSLAND

Department of Physiotherapy

DOCTOR OF PHILOSOPHY

Box R: The evaluation of a physiotherapy care plan for women undergoing surgery for breast cancer. (Supervised by J Bullock-Saxton)

Jones A: Analysis of lung sounds produced by secretions. (Supervised by Y Burns)

Vicenzino B: Physiological correlates of manipulation induced hypoalgesia. (Supervised by A Wright)

MASTER OF PHYSIOTHERAPY STUDIES

Manipulative Physiotherapy

Berg N, Purcell S, Kendrick R and Wood A: Comparison of pressure pain thresholds between asymptomatic, chronic whiplash and chronic neck pain (insidious onset) subjects. (Supervised by M Sterling and G Jull)

Carroll M, Mellor R, Scott A and O’Leary S: Effect of taping on pressure pain thresholds in the thoracic spine. (Supervised by B Vicenzino)

Guerin D, Ridgway M, Congram S and Vegter N: Can provoked tenderness over a cervical joint be influenced by exercise techniques? (Supervised by B Vicenzino)


McNamee T: Assessing the reliability of craniocervical flexion test in the neck pain population. (Supervised by G Jull)

Rosatelli A, Poon A, Moore J and Silva C: Relationship between segmental mobility and tenderness in the thoracic spine T3-6. (Supervised by T Souvlis)

Wannakowit N and Creamer D: The effect of patella taping on proprioception, functional outcome measures and pain sores in subjects with osteoarthritis (or ACL damage) of the knee. (Supervised by J Bullock-Saxton)

MASTER OF PHYSIOTHERAPY STUDIES

Sports Physiotherapy

Gomez E and Ventura M: The initial effect of a Mulligan mobilisation with movement treatment technique on a pressure pain threshold and thermal pain threshold in acute ankle sprains. (Supervised by B Vicenzino)

Matye K: A single case study of the effect of physiotherapy on shoulder impingement. (Supervised by B Vicenzino)

MASTER OF PHYSIOTHERAPY STUDIES

Paediatrics

Luscombe D: A patient satisfaction survey of physiotherapy services. (Supervised by Y Burns)

MASTER OF PHYSIOTHERAPY STUDIES

Gerontology

Kee TS: The effect of strengthening hip musculature on balance performance in the frail elderly. (Supervised by J Nitz)

MASTER OF PHYSIOTHERAPY STUDIES

Neurology

Chin LF: (Retraining scapular stability in the hemiplegic upper limb using functional electrical stimulation. (Supervised by N Low Choy)

Jar MB: Does Acupuncture-like TENS, low frequency and high intensity stimulation, have an antinociceptive effect on neurogenic pain with incomplete spinal cord injury? (Supervised by N Low Choy and J Nitz)

MASTER OF PHYSIOTHERAPY

Research

Lynch M: The late effects of poliomyelitis in Queensland. (Supervised by N Low Choy)

Sterling M: Concurrent effects on pain levels, motor function and sympathetic nervous system activity. (Supervised by A Wright and G Jull)

BACHELOR OF PHYSIOTHERAPY

Honours

Ashfield C: A study of the effects of muscle fatigue on joint reposition sense of hip rotation. (Supervised by J Bullock-Saxton)

Briese N: The effect of supplementary tactile stimulation in general care of the preterm infant prior to discharge: A pilot study. (Supervised by Y Burns)

Burke B: A study of facilitation of respiration in myotonic dystrophy. (Supervised by J Nitz)

Durrington J: An analysis of praxis in developmental coordination disorder (DCD) and control children. (Supervised by P Watter)

Easton P: Unimanual and bimanual hand performance in normal children and those with developmental
coordination difficulties aged 7 to 9 years. (Supervised by P Watter)

Gooding M: The effect of attention-diversion on: exercise performance quality and perceived exertion. (Supervised by P Roche)

Ho L: Low level laser therapy and its effects on post-mastectomy lymphoedema: A single case study. (Supervised by L Laakso)

Hwang S: Hand positioning sense in children with spina bifida myelomeningocele. (Supervised by Y Burns)

Kidd A: The reliability of real-time ultrasound in measuring contraction of the transversus abdominis. (Supervised by C Richardson)

McKeon B: A comparative study of standing balance in normal children, and children who have suffered an acquired head injury. (Supervised by Y Burns)

Martin D: The effect of two mobilisation with movement techniques on ankle dorsiflexion range of movement. (Supervised by B Vicenzino)

Prangley I: The effects of two mobilisation with movement techniques on ankle dorsiflexion range of movement. (Supervised by B Vicenzino)

Schonfeldt S: The effect of trampoline training on the postural control systems. (Supervised by P Galley)

Walker A: A comparison of balance between exercising and non-exercising young adults using clinical measures. (Supervised by N Low Choy)

Watson M: The effect of stretching the clavicular head of the pectoralis major muscle on the pulmonary function of subjects with chronic airflow limitation (CAL). (Supervised by J Paratz)

Wright D: Posturographic assessment of balance for elite ballet dancers, foot position and vision. (Supervised by R Isles)

Erratum

The authors of the paper Physiotherapists and drug administration: A survey of practices in New South Wales, published in Volume 44 of the *Australian Journal of Physiotherapy* (December 1998) have advised that Table 2, which appears on page 233 of that issue, is incorrect.

The authors have now supplied an amended version of the table (below).

**Table 2. Administration of prescription medications by type of practice.**

<table>
<thead>
<tr>
<th>Do you administer prescription medications?</th>
<th>Public practitioners</th>
<th>Private practitioners</th>
<th>Total respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>n</td>
<td>%</td>
<td>n</td>
</tr>
<tr>
<td>Yes</td>
<td>88</td>
<td>39.6</td>
<td>39</td>
</tr>
<tr>
<td>No</td>
<td>134</td>
<td>60.4</td>
<td>202</td>
</tr>
<tr>
<td>Total</td>
<td>222</td>
<td>100</td>
<td>241</td>
</tr>
</tbody>
</table>

Significant difference between administration of prescription medications by public and private practitioners \( \chi^2 = 31.94, \) 
\( df = 1, p < 0.0001 \)