

CURRICULUM VITAE – JACKIE L. WHITTAKER

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Professional Education/Degrees

2007 – present PhD Candidate, School of Health Sciences, University of Southampton, UK
1993 Bachelor of Science in Physiotherapy (BScPT), University of Alberta, Edmonton, Canada (honours)
1988 Bachelor of Physical Education (B.P.E.), University of Alberta, Edmonton, Canada. Three of four years completed before transferring into the BScPT program

Specialization/Certification

2006 Course certificate in MSK Ultrasound Imaging – Burwin Institute of Diagnostic Medical Ultrasound
1999 Certificate - Acupuncture Foundation of Canada Institute (AFCI)
1998 Certification in Intramuscular Stimulation – Institute for the Study and Treatment of Pain, (ISTOP).
1998 Diploma of Advanced Orthopaedic Manual & Manipulative Physiotherapy Canadian Orthopaedic Manipulative Therapy Examination - Fellow Advanced Diploma in Orthopaedic Manipulative Therapy
1997 Certificate of Advanced Orthopaedic Manual & Manipulative Physiotherapy - Canadian Orthopaedic Manipulative Therapy Examination - Resident

Professional Memberships/Organizations

1999 – present The Acupuncture Foundation of Canada Institute
1998 – present Institute for the Study and Treatment of Pain
1997 – present Canadian Academy of Manipulative Physiotherapy Therapy
1993 – present Canadian Physiotherapy Association
1993 – present Orthopaedic Division of the Canadian Physiotherapy Association

Employment History

2006 - present Clinical and educational consultant - Whittaker Physiotherapy Consulting.

2004-2005	Co-owner, director & senior clinical consultant – Ocean Pointe Physiotherapy Consultants
2002-2004	Senior clinical consultant - Delta Orthopaedic Physiotherapy - LifeMark Health
2000-2002	Senior clinical consultant /education director - Calgary Manual Therapy Centre – LifeMark Health
1993-2000	Clinical consultant - Calgary Sport Physiotherapy Group

Professional Committees & Activities

2010	Moderator for American Physical Therapy Annual Conference Continuing Education Series on Rehabilitative Ultrasound Imaging, Boston, USA.
2010	Invited Keynote Speaker, Emirates Physiotherapy Conference, Dubai United Arab Emirates.
2009 – present	Congress Education and Abstract Review Committees for the 2010 Canadian Physiotherapy Association Annual Congress, St. Johns, NFLD, Canada
2009 – present	Division Research Representative, Orthopaedic Division, Canadian Physiotherapy Association.
2006 - present	Manuscript reviewer for the Journal of Orthopaedic Physical Therapy.
2006 - present	Manuscript reviewer for the Journal of Manual & Manipulative Therapy
2006	Member of the organizing committee as well as invited speaker for the first international symposium on rehabilitative ultrasound imaging, Fort Sam Houston, Texas, USA
2005 - 2009	Research consultant and associate investigator for the U.S. Army-Baylor University Doctoral Program in Physical Therapy
2004	Chairman of the Real Time Ultrasound Imaging Ad Hoc committee of the College of Physiotherapists of British Columbia responsible for recommendations for the implementation of Real Time Ultrasound Imaging into Physical Therapy Practice.
2002 - present	Clinical consultant to Esaote – Biosound Inc.
1997 - present	Instructor, post-graduate continuing education of Orthopaedic Manipulative Therapy, Orthopaedic Division, Canadian Physiotherapy Association

Awards

2008 - 2012	Industry Sponsored Studentship, University Southampton, UK
1998	Board of Governors Prize in Physical Education and Recreation
1988	J.K. Campbell & Associates Limited Scholarship
1988	Louise McKinney Post-Secondary Scholarship
1989	Board of Governors Prize in Physical Education and Recreation

Publications

Whittaker JL, Warner MB, Stokes M. Ultrasound Imaging Transducer Motion during Clinical Maneuvers: Respiration, Active Straight Leg Raise Test and Abdominal Drawing In. *Ultrasound Med Biol*. In review.

Whittaker JL, Warner MB, Stokes MJ. Induced Transducer Orientation During Ultrasound Imaging: Effects on Abdominal Muscle Thickness and Bladder Position. *Ultrasound Med Biol*. Aug 19 2009.

Teyhen DS, Bluemle L, Dolbeer J, Baker S, Molloy J, Whittaker J, Childs J. Changes in Lateral Abdominal Muscle Thickness During the Abdominal Drawing-In Maneuver in those with Lumbopelvic Pain. *J Orthop Sports Phys Ther* 2009; 39(11): 791-798

Teyhen DS, Williamson JN, Carlson NH, Suttles ST, O'Laughlin SJ, Whittaker JL, Goffar SL, Childs JD. Ultrasound Characteristics of the Deep Abdominal Muscles During the Active Straight Leg Raise Test. *Arch Phys Med Rehab* 2009; 90:761-767

Teyhen DS, Williamson JN, Carlson NH, Suttles ST, O'Laughlin SJ, Whittaker J, Goffar SL, Childs JD. Lateral Abdominal Muscle Behavior in Subjects with Lumbopelvic Pain During the Active Straight Leg Raise. *J Orthop Sports Phys Ther* 2008; 38(1): A31-A32.

Teyhen DS, Mooney LN, Dolbeer JR, Baker SE, Molloy JM, Whittaker J, Childs JD. Lateral Abdominal Muscle Behavior in Subjects with Lumbopelvic Pain During the Abdominal Drawing-in Maneuver. *J Orthop Sports Phys Ther* 2008; 38(1): A32.

Whittaker JL, Thompson JA, Teyhen DS, Hodges PW. Rehabilitative ultrasound imaging and the pelvic floor muscles. *J Orthop Sports Phys Ther*. 2007;37(8):487-498; published online 20 June 2007. doi:10.2519/jospt.2007.2548

Whittaker JL, Teyhen DS, Elliott JE, Cook K, Langevin H, Dahl HH, Stokes M. Rehabilitative Ultrasound Imaging: Understanding the Technology and Its Application *J Orthop Sports Phys Ther*. 2007;37(8):434-449. doi:10.2519/jospt.2007.2350

Whittaker JL. Ultrasound imaging of the lateral abdominal wall muscles in individuals with lumbopelvic pain and signs of concurrent hypocapnia. *Manual Therapy* 2007, doi:10.1016/j.math.2007.03.008

Teyhen DS, Gill NW, Whittaker JL, Henry SM, Hides J, Hodges PW. Rehabilitative ultrasound imaging of the abdominal muscles. *J Orthop Sports Phys Ther*. 2007;37(8):450-466; published online 30 May 2007. doi:10.2519/jospt.2007.2558

Whittaker JL. Current perspectives – the clinical application of ultrasound imaging by physical therapists (editorial). *J Man Manip Ther* 2006; 14(2):73-75.

Whittaker JL, The clinical application of rehabilitative ultrasound imaging (abstract). *J Orthop Sports Phys Ther* June 2006;35(6):346-355.

Whittaker JL, Whitman JM, Stokes M, Hides JA, Childs JD, Teyhen DS, Professional issues associated with the use of rehabilitative ultrasound imaging by physical therapists (abstract). *J Orthop Sports Phys Ther* June 2006;35(6):346-355.

Thompson JA, Whittaker JL. Rehabilitative ultrasound imaging and the pelvic floor muscles (abstract). *J Orthop Sports Phys Ther* June 2006;35(6):346-355.

Whittaker JL. Abdominal Ultrasound Imaging of Pelvic Floor Muscle Function in Individuals with Low Back Pain. *J Man Manip Ther* 2004; 12(1): 44-49.

Whittaker JL. The clinical application of real time ultrasound imaging in the treatment of lumbopelvic dysfunction. *Orthopaedic Division Review* 2004; Sept/Oct:29-34.

Whittaker JL. Current concepts in the rehabilitation of low back pain; Ultrasound imaging. *Rehab Review* (Canadian Assoc of Rehabilitation Professionals) 2003:summer; 8-9.

Books

Whittaker JL. Ultrasound imaging for rehabilitation of the lumbopelvic region; a clinical approach London, Churchill Livingstone, 2007.

Whittaker JL. Real-time ultrasound analysis of local system function. In Lee DG, The Pelvic Girdle; An approach to the examination and treatment of the lumbopelvic-hip region 3rd edn. Churchill Livingstone, London 2004, pgs 120-129.

Presentations

Whittaker JL, Warner MB, Stokes M. Ultrasound Imaging Transducer Motion during Clinical Lumbopelvic Manoeuvres. 3rd International Conference on Movement Dysfunction Edinburgh, UK, October 2009.

Whittaker JL, Warner MB, Stokes M. Induced Transducer Orientation during Ultrasound Imaging: Effects on Abdominal Muscle Thickness and Bladder Position. 3rd International Conference on Movement Dysfunction Edinburgh, UK, October 2009.

Whittaker JL. Rehabilitation Ultrasound Imaging: The Technology and the Techniques. Canadian Physiotherapy Association Congress, Calgary, AB, Canada May 2009 (Platform)

Whittaker JL, Warner MB, Stokes MJ. Canadian Physiotherapy Association Congress, Calgary, AB, Canada May 2009 (Poster).

Whittaker JL, Teyhen DS, Kiesel KB. Current Concepts Related to Motor Control Training and Rehabilitative Ultrasound Imaging for Patients with Lumbopelvic Disorders. Co- hosted by the Section on Orthopaedics and Women's Health, American Physical Therapy Association Combined Sections Meeting, Nashville TN, USA Feb 2008 (Invited Course).

Teyhen DS, Mooney LN, Dolbeer JR, Maxwell SE, Molloy JM, Whittaker J, Childs JD. Lateral Abdominal Muscle Behavior in Subjects with Lumbopelvic Pain During the Abdominal Drawing-in Maneuver, Combined Sections Meeting, American Physical Therapy Association, Nashville TN, USA, Feb 2008 (Platform).

Teyhen DS, Williamson JN, Carlson NH, Suttles ST, O'Laughlin SJ, Whittaker J, Goffar SL, Childs JD. Lateral Abdominal Muscle Behavior in Subjects with Lumbopelvic Pain During the Active Straight Leg Raise, Combined Sections Meeting, American Physical Therapy Association, Nashville TN, USA, Feb 2008 (Platform).

Whittaker JL. Rehabilitative Ultrasound Imaging of the Abdominal Wall in Individuals with Lumbo-Sacral Pain. 6th Interdisciplinary World Congress on Low Back & Pelvic Pain Diagnosis & Treatment; The Balance between Research and Clinic, Barcelona, Spain, Nov 2007 (Poster)

Whittaker JL. Motor Control of the Lumbopelvic Region – Implications for pelvic organ prolapse. Invited Speaker for a pre-conference course entitled “Integrated Approach to Examination and Intervention of Pelvic Organ Prolapse hosted by the Section on Women’s Health, American Physical Therapy Association Combined Sections Meeting, Boston MA, USA, 2007 (Invited Course).

Whittaker JL. Ultrasound Imaging of the Abdominal Wall Muscles. Annual National Symposium of the Orthopaedic Division of the Canadian Physiotherapy Association, Calgary AB, Canada, 2006 (Platform).

Whittaker JL. Motor Control of the Lumbopelvic Region; Implications for Pelvic Floor Dysfunction. Invited Pre-Conference International Pelvic Pain Society, Birmingham AB, USA, 2006 (Invited Course).

Whittaker JL. Abdominal ultrasound imaging of pelvic floor muscle function in individuals with low back pain. Annual National Symposium of the Orthopaedic Division of the Canadian Physiotherapy Association, London ON, Canada, 2005 (Platform).

Whittaker JL. Ultrasound imaging characteristics of normals, individuals with pelvic instability, and pelvic instability with concurrent respiratory dysfunction. Annual National Symposium of the Orthopaedic Division of the Canadian Physiotherapy Association, London ON, Canada, 2005 (Platform).

Whittaker JL. Ultrasound imaging characteristics of individuals with pelvic instability and concurrent respiratory dysfunction. International Conference on Movement Dysfunction, Pain and Performance: Evidence and Effect, Edinburgh, UK 2005 (Platform).

Whittaker JL. Clinical Applications of Ultrasound Imaging in the Management of Lumbopelvic Dysfunction - Invited Pre-Conference Course hosted by the Section on Women’s Health, American Physical Therapy Association Combined Sections Meeting, New Orleans GA, USA, 2005 (Invited Course).

Teaching Experience

From 2000 to present I have taught post-graduate Orthopaedic Manipulative Therapy continuing education (Levels 1-3) for the Orthopaedic Division of the Canadian Physiotherapy Association. In addition from 1997 to present I have assisted various national and internationally known instructors on topics regarding manual and manipulative therapy for the cervical, thoracic and lumbo-pelvic regions as well as the neuromeningeal system and anatomical dissection. I have developed and taught specialised courses on the clinical application of rehabilitative ultrasound imaging and dry needling in the management of lumbopelvic pain in Canada, the USA, Norway, Switzerland and the UK.

2005 - present	Clinical Applications of Ultrasound Imaging in the Management of Lumbopelvic Dysfunction, Indianapolis Indiana, Oslo Norway, Miami Florida, Fort Sam Houston Texas, Boston Massachusetts, Montreal Quebec, Vancouver British Columbia, Bellingham Washington, St. Louis Missouri, Basel Switzerland.
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2005 - present	The Complex Core: Advanced Skills for Management of Lumbo-pelvic Dysfunction, White Rock, British Columbia, Calgary Alberta.
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- 2004 - present Advanced Ultrasound imaging applications for Lumbopelvic dysfunction, Portland Oregon, Denver Colorado.
- 2003 -2004 Lumbo-pelvic Segmental Stabilization; using technology (real-time ultrasound) to improve clinical skills, Kelowna British Columbia, Eugene Oregon, Seattle Washington, Chicago Illinois.