

DOUG BOURNE, BScKin, BScPT, MSc, PhD

EDUCATION

- Doctor of Philosophy (Kinesiology), **University of Calgary**, 2011
 - Soft tissue injury biomechanics
- Master of Science, **University of British Columbia**, 2003
 - Shoulder biomechanics
- Bachelor of Science (Physical Therapy), **McGill University**, 1997
- Bachelor of Science (Kinesiology), **Simon Fraser University**, 1994

PROFESSIONAL MEMBERSHIPS

- Canadian Physiotherapy Association

PROFESSIONAL DEVELOPMENT/TRAINING

- Cost of Future Care/ Life Care Planning, 2017
- Cognitive Functional Capacity Evaluation, 2017
- Certified Work Capacity Evaluator, 2017
- Mastery Series: Advanced Functional Capacity, 2016
- Functional Capacity Evaluation Certificate System, 2015
- Mobilization of the Myofascial System Lower Quadrant, 2011
- Shoulder course taught by Lyn Watson, 2003
- Cervical Manipulation: advanced course taught by Olaf Evenjth, 2002
- BTAOM: completed basics of acupuncture and traditional oriental medicine course, 2001
- Part B Prep Class taught by Carol Kennedy, Diane Lee, and Janet Lowcock, 2000
- V4 taught by Erl Pettman, 2000
- Part A prep class, 1998 to 2000
- Movement, Stability and Low Back Pain taught by Andre Vleeming and Diane Lee, 1999
- Gokavi Transverse Technique: IMS course taught by Cynthia Gokavi, 1999
- Acupuncture 2A/3A taught by the Acupuncture Foundation of Canada Institute, 1999
- E2E3 Lower taught by Wendy Aspinall, 1998
- Muscle Imbalance Level One taught by Dr. Shirley Sahrman, 1998
- Acupuncture Level One taught by the Acupuncture Foundation of Canada Institute, 1998
- V2V3 Lumbar Sacral course taught by Beverly Padfield, 1997
- NAIOMT Upper Quadrant Level II: Six day manual therapy course taught by Jim Meadows, 1997
- Physiotherapy National Exam: Successfully completed, 1997
- B.C. Sports Aid Certificate with Sports Aid I and II and Taping I and II modules

RELEVANT WORK EXPERIENCE

Re:Function Health Group, Inc.: 2015 to present

Registered Physiotherapist

- MedLegal Functional Capacity Evaluations
- MedLegal Critiques
- Functional Capacity Evaluations
- Job Demands Analysis
- Work Site Ergonomics
- Return to Work Support Services

Bourne Physiotherapy: 2013 to present

- Developing virtual reality software for physiotherapy

Active Life Physiotherapy: 2014 to 2015

Physiotherapist

MaxFit Movement Institute: 2014 to 2014

Locum physiotherapist

Lynn Valley Orthopaedic and Sports Physiotherapy Centre: 2012 to 2013

Physiotherapist

Hawkesbury Therapy: 2010 to 2011

Physiotherapist

Ecole Polytechnique: 2008 to 2009

Research Associate

University of Calgary Sports Medicine Clinic: 2004 to 2008

Physiotherapist

Delta Orthopaedic Physiotherapy Clinic: 2001

Summer Relief Physiotherapist

Surrey Orthopaedic and Sports Physiotherapy Clinic: 1999 to 2001

Physiotherapist

Richmond Health Sciences Sports and Orthopaedic Physiotherapy Clinic: 1998 to 1999

Physiotherapist

WBA Professional, Pontiac, Michigan: 1997 to 1998

Physiotherapist

- Staff Physiotherapist in the orthopaedic outpatient department of North Oakland Medical Center; Assisted with inpatient coverage when needed

DEMONSTRATED COMPETENCIES

Functional Capacity Evaluations:

- Certified Work Capacity Evaluator
- Experienced using standardized, evidenced based functional testing equipment
- Able to use job demand task analysis to develop meaningful and specific work simulation circuits to incorporate in functional testing
- Able to interpret functional test measures and forecast return to work capacity
- Able to identify functional need for temporary task modifications or permanent accommodations during return to work planning

Return-To-Work Planning and Implementation:

- Able to coordinate and lead return to work meetings with involved stakeholders
- Able to effectively communicate with stakeholders to identify return to work plans, identify accountabilities of parties within the plan, develop consensus to execute the plan, and to address issues while monitoring the plan
- Able to identify and measure job demands
- Able to use task analysis and functional analysis to develop a return to work plan and grade exposure rates to work tasks within the plan specific to injured workers' needs
- Able to perform ergonomic analyses to identify risk factors of work demands in relation to functional capacities of an injured worker
- Able to identify temporary/permanent task modifications and/or accommodations necessary for an injured worker and implement them or eventually remove them in the return to work plan
- Able to prescribe ergonomic solutions via equipment provision, worker practice modifications (job coaching), or environmental changes
- Able to effectively write reports outlining specifics of job demands and return to work plans
- WorkSafeBC Return to Work Support Services Contractor

Physiotherapy:

- Physical assessment and treatment of orthopaedic and sports injuries
- Advanced manual therapy treatments including spinal manipulation
- Acupuncture and dry needling techniques