

**PERS 4600 Directed Study**  
**Participating Faculty Members and Areas of Study**

**The following faculty members are eligible to supervise PERS 4600 courses:**

**Todd Duhamel.** Exercise physiology and cardiac health.  
[tduhamel@umanitoba.ca](mailto:tduhamel@umanitoba.ca) 204.474.8922

**Russell Field.** History of sport, physical activity, and recreation at the University of Manitoba.  
[russel.field@umanitoba.ca](mailto:russel.field@umanitoba.ca) 204.474.8312 (**Note: on leave until July 2017**)

**Phillip Gardiner.** Basic mechanisms of adaptations in the nervous and muscular systems to increased and decreased activity.  
[phillip.gardiner@umanitoba.ca](mailto:phillip.gardiner@umanitoba.ca) 204.474.8770

**Gordon Giesbrecht.** Physiology of exercise and work in extreme environments including cold, heat and hypoxia.  
[gordon.giesbrecht@umanitoba.ca](mailto:gordon.giesbrecht@umanitoba.ca) 204.474.8646

**Cheryl Glazebrook.** Motor control and learning: examining the effects of multisensory information on how humans with and without disabilities perform movements. Perceptual Motor Behaviour Lab website:  
[http://umanitoba.ca/faculties/kinrec/hlhpri/lab\\_offices/PMBLab.htm](http://umanitoba.ca/faculties/kinrec/hlhpri/lab_offices/PMBLab.htm)  
[cheryl.glazebrook@umanitoba.ca](mailto:cheryl.glazebrook@umanitoba.ca) 204.474.8773

**Joannie Halas.** Culturally relevant physical education and health; access to quality physical education/activity for Indigenous children and youth.  
[Joannie.Halas@umanitoba.ca](mailto:Joannie.Halas@umanitoba.ca)  
204.474-6061

**Kelsey Johansen.** Volunteer tourism and agricultural tourism.  
[kelsey.johansen@umanitoba.ca](mailto:kelsey.johansen@umanitoba.ca) 204.474.6598 (**Note: available starting Summer 2017 term**)

**Jay Johnson.** The impact(s) of climatic change on our physical experiences and the interfaces with the environment, Youth and Aboriginal youth physical experiences and the built environment; experiential, therapeutic outdoor adventure based education; community-based research examining the function of the bicycle, culture and community in activ(ism); child labor issues; bullying; doping; hazing.  
[jay.johnson@umanitoba.ca](mailto:jay.johnson@umanitoba.ca) 204.474.8996 (**Note: on leave Winter 2017 term**)

**Fiona Moola.** Psychological wellbeing in people with chronic illnesses (cystic fibrosis and congenital heart disease) and disabilities, and the use of physical activity and exercise to improve mental health; working with sick children and families in clinical settings, employing the use of the cognitive behavioural tradition to promote behavior change. Sport and exercise psychology, mental health and addictions, disability studies, adapted physical activity, and qualitative research methodologies.  
[fiona.moola@umanitoba.ca](mailto:fiona.moola@umanitoba.ca) 204.474.9742

**Steven Passmore.** Motor Control & Learning/Health Care Integration: Objective performance based measures for clinical intervention of populations with back pain and spine diseases. Clinical registry/database management and analysis of surgical, and conservatively managed spine populations. Measurement of the perceptual factors that influence the delivery of manual therapy interventions (chiropractic, physical therapy, massage). The laboratory utilizes behavioural, biomechanical, and neurophysiological measurement techniques.  
[steven.passmore@umanitoba.ca](mailto:steven.passmore@umanitoba.ca) 204.474.6552

**Michelle Porter.** Driving and aging. Physical activity and aging, and Mobility and aging.

[michelle.porter@umanitoba.ca](mailto:michelle.porter@umanitoba.ca) 204.474.8795

**Trisha Scribbans.** Athletic therapy, rehabilitation, and exercise physiology: Identifying and validating therapeutic approaches (exercise, joint mobilizations, fascial release, etc.) to optimize rehabilitative treatment outcomes and reduce the incidence of injury.

[trisha.scribbans@umanitoba.ca](mailto:trisha.scribbans@umanitoba.ca) 204.272.1699

**Jonathan Singer.** Biomechanical mechanisms of static and dynamic balance control.

[jonathan.singer@umanitoba.ca](mailto:jonathan.singer@umanitoba.ca) 204.474.8469

**Leisha Strachan.** Positive youth development in sport.

[leisha.strachan@umanitoba.ca](mailto:leisha.strachan@umanitoba.ca) 204.474.8378

**Shaelyn Strachan.** Promotion of health through adherence to physical activity: researching the relationship between self-related variables, such as exercise identity or social cognitions, and the selfregulation of exercise.

[shaelyn.strachan@umanitoba.ca](mailto:shaelyn.strachan@umanitoba.ca) 204.474.6363 **(Note: on leave until July 2017)**

**Sarah Teetzel.** Sociocultural and ethical aspects of sport, doping, and gender.

[sarah.teetzel@umanitoba.ca](mailto:sarah.teetzel@umanitoba.ca) 204.474.8762

**Christine Van Winkle.** Cultural tourism.

[christine.vanwinkle@umanitoba.ca](mailto:christine.vanwinkle@umanitoba.ca) 204.474.8647 **(Note: on leave until July 2017)**