John Temesi
CURRICULUM VITAE

Faculty of Kinesiology
University of Calgary
2500 University Drive NW
Calgary, Alberta, Canada, T2N 1N4
E-mail: jtemesi@ucalgary.ca

EDUCATION

2013  Université Jean Monnet, France (PhD – Motricité Humaine et Handicap)
2007  University of Sydney, Australia (Master of Applied Science in Exercise and Sport Science)
2004  University of British Columbia, Canada (Bachelor of Human Kinetics)

PROFESSIONAL EXPERIENCE

2016-  Adjunct Assistant Professor, Faculty of Kinesiology, University of Calgary, Canada
2014-2016  Postdoctoral Fellow, Faculty of Kinesiology, University of Calgary, Canada

PUBLICATIONS

Refereed Journal Articles


Other Journal Articles


Conference Proceedings


**Book Translation**


**AWARDS**

2015 Roger Jackson Centre (Faculty of Kinesiology) Postdoctoral Fellow Award, University of Calgary, Canada
2014 OBEL Gender Work and Health Summer School Travel Award, Canada
2010-2013 Doctoral research grant, Rhône-Alpes Region, France
2002-2004 Physical Education Faculty Scholarship, University of British Columbia, Canada
2001-2004 Undergraduate Scholar Program Scholarship, University of British Columbia, Canada
1998-1999 Glenn & Mary Daugharty Forestry Scholarship, University of New Brunswick, Canada
1998-1999 Fannie Chandler Bell Scholarship, University of New Brunswick, Canada
1997-1998 John F. Bassett Memorial Scholarship, University of New Brunswick, Canada
1997-1998 J. Miles Gibson Forestry Scholarship, University of New Brunswick, Canada
1997-1998 Scouts Canada Foundation Scholarship, Scouts Canada, Canada

**GRANTS**

Funding Agency: Canadian Cancer Society Research Institute 2016-2018
Role: Co-applicant
Amount: 212 600 CAD
Title: Factors causing fatigue and exhaustion in whole-body exercises: application to rehabilitation in patients with cancer
Goal of the funded grant: The purpose of this grant is to investigate the effects of individually-tailored exercise training programs on both subjective and objective indices of fatigue with particular interest in the potential effect on objective indices of neuromuscular function.

Funding Agency: Anonymous charitable donation 2014-2016
Role: Co-applicant
Amount: 170 986 CAD
Title: Understanding and treating fatigue in cancer patients
Goal of the funded grant: The purpose of this grant was to conduct a cross-sectional study to assess the importance of a number factors (e.g. neuromuscular function and fatigue, cardiorespiratory fitness, sleep, blood biomarkers, etc.) on cancer-related fatigue for further study.
INVITED LECTURES

Neuromuscular function and fatigue in sport sciences. Institute of Neurosciences, University of Guadalajara, Guadalajara, Mexico. 10 May 2017.

New models for examining cancer-related fatigue (with Mary Medysky and Dr Guillaume Millet). Cancer-related fatigue conference (sponsored by Alberta Innovates Health Solutions and University of Calgary). University of Calgary, Calgary, Canada. 16 June 2016.

Methodological advances in neuromuscular fatigue evaluation: application in extreme exercise and patients (with Dr Guillaume Millet). Centre for Neuroscience, University of Alberta, Edmonton, Canada. 28 January 2014.

Central and supraspinal fatigue evaluation with endurance exercise. Faculty of Kinesiology and Physical Education, University of Toronto, Toronto, Canada. 10 June 2013

Exercise and weight management. School of Exercise Science, Australian Catholic University, Strathfield, Australia. 14 October 2009

TEACHING EXPERIENCE

Department of Sciences and Techniques of Physical Activities and Sports (STAPS), Jean Monnet University, St-Etienne, France

2012-2013 Motor Control (Master 1 – instructor of record)
Physiology (undergraduate year 2)

2011-2012 Motor Control (Master 1 - instructor of record)
Physiology (undergraduate year 2)

2010-2011 Physiology (undergraduate year 2)

School of Exercise and Sport Science, University of Sydney, Sydney, Australia

2007 Exercise Testing and Prescription (undergraduate year 3)
Research and Practice (undergraduate year 3)
Exercise Physiology - Acute Responses (undergraduate year 2)

2006 Advanced Exercise Physiology (Master)
Exercise and Rehabilitation (Master)
Exercise Health and Disease (undergraduate year 3)
Research and Practice (undergraduate year 3)
Physiological Testing and Training (undergraduate year 3)
Applied Physiology – Physiotherapy (undergraduate year 2)
Exercise Physiology Training Adaptations (undergraduate year 2)
Fundamentals of Exercise Science (undergraduate year 1)
Muscle Mechanics and Training (undergraduate year 1)
Muscle Mechanics – Physiotherapy (undergraduate year 1)
Functional Anatomy B (undergraduate year 1)
Mentoring of Graduate Students

Name: Douglas Doyle-Baker 2015-2017
Program: Master of Kinesiology, University of Calgary
Thesis title: Validating a new test to measure neuromuscular fatigue during and after cycling exercise in healthy and clinical adult populations
Role: Supervisory committee member

Name: Mary Medysky 2014-2016
Program: Master of Kinesiology, University of Calgary
Thesis title: Objective causes of cancer-related fatigue: roles of neuromuscular dysfunction and sleep disorders
Role: Scientific advisor

Name: Pierrick Arnal 2010-2012
Program: Master of Sciences and Techniques of Physical Activities and Sports (STAPS), Jean Monnet University
Thesis title: Effect of 30 hours of sleep deprivation on cycling and cognitive performance and central fatigue
Role: Scientific advisor

Mentoring of Undergraduate and Visiting Students

Name: Thibault Besson 2016
Project: Comparison between whole-body and tendon vibration on muscle neuromechanical properties in aging populations

Name: Arthur Peyrard 2015 (Principal Supervisor)
Project: Anticipation of magnetic and electrical stimuli does not impair maximal voluntary force production

Name: Selina Fan 2015
Project: Does the use of femoral nerve magnetic stimulation detect central and peripheral fatigue in cancer survivors?

Name: Matthieu Martin 2015
Project: Comparison between upper- and lower-limb fatigue and corticospinal excitability

Name: Alexis Jones 2015 (Principal Supervisor)
Project: Correlation between upper- and lower-limb corticospinal excitability

Name: Sandy Ly 2014-2015 (Principal Supervisor)
Project: Reliability of single- and paired-pulse transcranial magnetic stimulation for the assessment of knee extensor muscle function

Name: Paul Sawh 2014 (Principal Supervisor)
Project: Does superimposed transcranial magnetic and nerve electrical stimulation limit MVC?
OTHER RESEARCH AND LABORATORY EXPERIENCE

2014-2016 Laboratory supervisor for Dr Guillaume Millet, Faculty of Kinesiology, University of Calgary, Canada (Responsibilities included mentoring and supervising trainees in hands-on research situations and managing many institutional administrative responsibilities (as delegated by the Principal Investigator) for such things as ethics protocols, occupational health and safety training as ordered by government regulations, lab-use policies and administrative audits)

2009 Performance benefits of carbohydrate ingestion during endurance exercise - a systematic review (Dr Helen O’Connor, Dr Jacquelene Raymond, Dr Nathan Johnson), University of Sydney, Australia

2005-2007 Physiological responses during Functional Electrical Stimulated (FES) walking in individuals with spinal cord injury (Dr Glen Davis, Dr Jack Crosbie, Dr Jacquelene Raymond, Dr James Middleton - funded by the National Health and Medical Research Council, Australia), University of Sydney, Australia

2005-2007 Physical activity and risk factors for cardiovascular disease in people with spinal cord injury (Dr Jacquelene Raymond), University of Sydney, Australia

2005-2007 General exercise physiology testing, University of Sydney, Australia

2005-2007 Technical support for physiology laboratories, University of Sydney, Australia

2004 General exercise physiology testing, University of British Columbia, Canada

2003-2004 Effect of prior swimming and cycling on cardiorespiratory measures in female triathletes (DR E.C. Rhodes), University of British Columbia, Canada

JOURNAL REVIEWER


OTHER TRAINING

2016 Spanish Language Training, Colegio de Español y Cultura Mexicana, Universidad de Guadalajara, Mexico

2015 Phlebotomy certification, Southern Alberta Institute of Technology, Canada