

CURRICULUM VITAE

COLIN D. KING

CAT(C), BKin(Hons), BAHSc(AT), MEd, PhD

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EDUCATION

Acadia University <i>Doctor of Philosophy in Educational Studies</i> Dissertation Title: Un’TPACK’ing athletic therapy education in Canada: An exploration of an innovative case-based learning approach	2013 - 2017 Wolfville, NS
Memorial University of Newfoundland <i>Masters of Education (Post-Secondary Studies)</i> Thesis Based – Title: A study of concurrent validity characteristics of the written and practical components of the CATA National Certification Exam	2009 - 2012 St. John’s, NL
Sheridan College <i>Bachelor of Applied Health Sciences (Athletic Therapy)</i> Graduated with High Honours	2004 - 2007 Oakville, ON
Memorial University of Newfoundland <i>Bachelor of Kinesiology (Honours)</i> Honours Research Title: A multivariate analysis of the slap-shot	2000 - 2004 St. John’s, NL

PROFESSIONAL CERTIFICATIONS AND AFFILIATIONS

Canadian Athletic Therapists Association Certified Athletic Therapist [CAT(C)]	2004 - Present
Atlantic Provinces Athletic Therapists Association Certified Athletic Therapist [CAT(C)]	2004 - Present
St. John Ambulance Certified First Responder and CPR/AED – Health Care Provider Level	2004 - Present
National Strength and Conditioning Association Certified Strength and Conditioning Specialist (CSCS)	2007 - 2009
Canadian Society for Exercise Physiology Certified Fitness Consultant	2003 - 2004
Coaching Association of Canada Certified Level 1&2 Theory Coach – NCCP Program	2001

PERSONAL CONTINUING EDUCATION

Courses

Soft Tissue Release Training Workshop by Jim Bilotta	July, 2013
Clinical Approaches in Concussion Management Laura Leslie Course	June 15, 2013
The Art of Writing a CIHR Application	2012
Acadia University Research Grant Preparation Workshop	Summer - 2012
Concussion to Consequence: Managing Sport-Related Concussion On and Off the Field	October, 2011
Introduction to Post-Secondary Education Memorial University – ED2720	Summer – 2009
The Adult as a Learner Memorial University – ED2801	Summer - 2009

HONOURS AND AWARDS

CATA Writing Award (Certified Member Category)	2018
Acadia University Faculty of Professional Studies Outstanding Research Project Award	2017
Dr. Gary Ness Professor Appreciation Award	2016'17
Petro-Canada Young Innovator Award	2015
SITE 2014 Outstanding Poster Honourable Mention	2014
CATA Writing Award (Certified Member Category)	2013
Dr. Gary Ness Professor Appreciation Award	2012'13
Loi Quach Memorial Plaque Sheridan College Awarded to the student who exhibits a passion of life, and a dedication to family, friends, athletes and the field of athletic therapy	2007
Diane Webster Memorial Award Atlantic Provinces Athletic Therapists Association Award based on academic and professional merit	2005 + 2006

PERFORMANCE AS A TEACHER

School of Kinesiology **July 2016 - Present**
Acadia University, Wolfville, NS
Assistant Professor

KINE 1333 – Care and Prevention of Athletic Injuries
KINE 1413 – Applied Human Anatomy
KINE 3423 – Assessment of Athletic Injuries – Upper Extremity
KINE 4843 – Fundamentals of Sport Rehabilitation

School of Kinesiology **2015 – June 2016**
Acadia University, Wolfville, NS
Instructor II

KINE 1413 – Applied Human Anatomy
KINE 2023 – Care and Prevention of Athletic Injuries (Lab Instructor)
KINE 3213 – Motor Learning (Lab Instructor)
KINE 3423 – Assessment of Athletic Injuries – Upper Extremity
KINE 3343 – Fitness Programming (Lab Instructor)
KINE 4843 – Fundamentals of Sport Rehabilitation

National Coaching Institute, Atlantic Provinces Division **2011 - 2015**
Halifax, NS

Lecture Topics
Risk Management
Sport Specific Risk Factors and Emergency Procedures
Functional Movement Screening
Performance Enhancing Drugs/Ethical Decision Making

School of Kinesiology **2012 - 2015**
Acadia University, Wolfville, NS
Instructor I

KINE 2023 – Care and Prevention of Athletic Injuries (Lab Instructor)
KINE 3213 – Motor Learning (Lab Instructor)
KINE 3423 – Assessment of Athletic Injuries – Upper Extremity
KINE 3343 – Fitness Programming (Lab Instructor)
KINE 4013 – Training Methods (Lab Instructor)
KINE 4333 – Physiological Assessment (Lab Instructor)
KINE 4843 – Fundamentals of Sport Rehabilitation

School of Recreation Management and Kinesiology **2008 – 2012**
Acadia University, Wolfville, NS
Part-Time Instructor (Sessional)

KINE 3423- Assessment of Athletic Injuries - Upper Extremity
KINE 4843 - Fundamentals of Sport Rehabilitation

**School of Human Kinetics and Recreation
Memorial University, St. John's, NL**

2007 - 2008

HKR 3360 – Care and Prevention of Athletic Injuries (3 week medical
leave substitute)

SCHOLARLY ACTIVITY

Research Grants

Petro-Canada Young Innovator Award - \$5000.00 2015
Project Title: Development of a multimedia emergency injury
Assessment educational tool. (Principal Investigator)

Acadia University 25.55 Research Grant - \$5000.00 2014
Project Title: “Un-TPACK-ing” athletic therapy education in Canada:
An exploration of an innovative case based learning approach
(Principal Investigator)

SSHRC Small Institutional Grant - \$1900.00 2013
Project Title: Multimedia sports injury assessments: A case
Based learning approach (Principal Investigator)

Acadia University 25.55 Research Grant - \$3500.00 2011
Project Title: Online sports injury case studies: An international
collaboration (Principal Investigator with Dr. Gregg MacKinnon)

Publications in Referred Journals

King, C. D., Lawrence, L. A., & MacKinnon, G. R. (2014). Using multimedia technology in Jamaican athletic training education: A case-based learning approach. *Journal of Applied Learning Technology*, 4(2), 40-49.

Mackinnon, G. & **King, C.** (2012). A Sports Injury Case Study Model: Capitalizing on Virtual Reality Technology. *Journal of Sports Science and Technology*, 12(1), 117-127.

Conference Proceedings

King, C. (2014). Are Athletic Training educators ready for the digital age? Attempting to understand the connection between technology and pedagogy. In M. Searson & M. Ochoa (Eds.), Proceedings of Society For Information Technology and Teacher Education International Conference 2014 (pp.2329-2335). Chesapeake, VA: AACE.

King, C. (2014). A Sports Injury Case Study Model: Capitalizing on Virtual Reality Technology. In M. Searson & M. Ochoa (Eds.), Proceedings of Society For Information

Technology and Teacher Education International Conference 2014 (pp.1266-1270).
Chesapeake, VA: AACE.

Conference Posters

Aucoin, J. & **King, C.** (2018). Parental knowledge of and attitudes towards concussion management and the return-to-play protocols in youth minor hockey. Acadia University 5th Annual Student Research & Innovation Conference. Wolfville, NS. Awarded Best Undergraduate Presentation.

King, C. (2017). Un’TPACK”ing AT Education in Canada: An Exploration of an Innovative Case-Based Learning Approach. Canadian Athletic Therapists Association Conference. Niagara Falls, Ontario.

King, C. (2014). A Sports Injury Case Study Model: Capitalizing on Virtual Reality Technology. Society for Information Technology and Teacher Education International Conference. Jacksonville, Florida.

Invited Presentations

Musculoskeletal Assessment and Exercise Intervention. Acadia University, KINE 4193. February, 2017; 2018.

Professorial Research Panel Presentation. Acadia University, KINE 1333. January, 2017; 2018.

Using Technology to Empower Teaching in Athletic Therapy Education. Dalhousie University Medical School (MEd Curriculum Studies for Health Interprofessionals), June 2017.

Taping Loose Ends. Acadia University Kinesiology Students
Wolfville NS, March 2016, April 2014; March 2012; March 2011; March 2010

My Research Methodology and Proposed Doctoral Research, Dalhousie University Medical School (MEd Curriculum Studies for Health Interprofessionals), November 2013

Introduction to Athletic Taping. Massage Therapists’ Association of Nova Scotia, Wolfville NS, March 2012

What is Athletic Therapy? Uniacke District School Career Day
Mt. Uniacke NS, April 2011

Injury Recognition and Prevention. The Running Room
St. John’s NL, July 2008

Editorial/Reviewer

Nova Scotia Health Research Foundation Peer Reviewer – Health Policy, Services, & Outcomes	2018 – Present
Pivot Design Group – Athletic Therapy Website Editorial Reviewer	2017 – Present
Jones and Bartlett Learning Company Health Professions Division	2013 - Present

SERVICE

ACADIA UNIVERSITY

Supervision of Undergraduate Honours Students

Charnock, S. (2018). In progress. An exploration into concussion management in Nova Scotia: A mixed methods study. Recipient of Webster's Undergraduate Research Award.

Aucoin, J. (2017). Parental knowledge of and attitudes towards concussion management in youth minor hockey parents. Recipient of Honours Summer Research Award.

Wilkerson, H. (2017). Factors affecting concussion reporting behaviours of varsity athletes. Recipient of Honours Summer Research Award.

Stoqua, S. (2016). The effects of cold water immersion on recovery from eccentric exercise in active university males.

McNeil, R. (2015). The effect of ankle taping and visual input on ankle eversion EMG activity during simulated jump landing in basketball players.

Murphy, K. (2015). Comparing the effect of kinesiotape, tire-tubing, and tensor wrapping on quadriceps muscular strength.

Loughran, C. (2013). Investigation of internal and external risk factors on ankle sprain injuries in varsity soccer and rugby athletes.

Cullen, H. (2012). Comparison of Effectiveness, Perceived Stability and Perceived Comfort of Three Ankle Athletic Taping and Spatting Protocols.

Second Reader/External Reader – Honours Thesis

Abou Elaun, S. (2018). Nutrition. Field testing a nutrition inventory for community-dwelling elders (NICE) to determine consumer readability and comprehensibility.

Graham, K. (2018). Biology. Risk taking by tree swallows during nest defense.

Melanson, B. (2017). Kinesiology. Sex and leg dominance effects on neuromuscular control patterns and lower body biomechanics during single leg landings of post-pubescent athletes: Relevance to non-contact ACL injuries.

Stinson, J. (2017). Kinesiology. Exploring the impact of diet and physical activity intensity on behaviours of children with attention deficit hyperactivity disorder and autism spectrum disorder.

Kivell, M. (2016). Kinesiology. Understanding mechanisms of non-contact anterior cruciate ligament (ACL) injuries: Effect of sex and age on gluteus medius activation and hip biomechanics during jump landings in early pubescent and post-pubescent athletes.

Buote, L. (2015). Psychology. Do cortisol levels vary with depression, anxiety, and ADHA symptoms pre and post probiotic intervention.

Steele, K. (2015). Kinesiology. Gender and age comparisons of neuromuscular activity patterns in the dominant and non-dominant legs of under 12 and above 16 year old soccer athletes during unanticipated side-cutting maneuvers: relevance to non-contact ACL injuries.

Acadia University

School of Kinesiology Tenure Track Hiring Committee	2018
Resident Advisor Mentorship Program	2017 - Present
School of Kinesiology Masters in Professional Kinesiology Committee	2017 - Present
Senate Library Committee	2017 - Present
Faculty of Professional Studies Outstanding Research/Research Excellence Committee	2017 - Present
Interviewer for Acadia Pre-Health Society Mock Interviews for Medical School (MMI)	2013 - Present
Dr. Jim MacLeod Scholarship Committee	2010 - Present
School of Kinesiology Part-time Positions Hiring Committee	2016, 2017
School of Kinesiology CLT Instructor (12 month/2 year) Hiring Committee	2017
School of Kinesiology CLT Instructor (9.5 month/1 year)	2016

Hiring Committee

Departmental Review Committee 2016
Dr. Roxanne Seaman – Promotion to Full Professor
Member of Timetabling, Instruction Hours, and Examinations Committee 2014 - 2015

CATA/APATA

Canadian Athletic Therapists Association 2015 – Present
Member of Program Accreditation Committee

Canadian Athletic Therapists Association 2014 - Present
Abstract Reviewer for National Conference Presentations

Canadian Athletic Therapists Association 2013 - Present
Member of Continuing Education Task Force

Canadian Athletic Therapists Association May 2015
Site Visitation Member of Program Accreditation Committee

Canadian Athletic Therapists Association 2015 - 2017
Practical Exam Developer for National Certification Exam

Canadian Athletic Therapists Association 2014 - 2017
Content Expert for National Certification Exam

Canadian Athletic Therapists Association 2012 - 2017
Distance Education Course Evaluation Committee

Atlantic Provinces Athletic Therapists Association 2012 - 2017
President

Atlantic Provinces Athletic Therapists Association 2011-2012
Vice-President

Atlantic Provinces Athletic Therapists Association 2011 - 2017
Concussion Awareness and Continuing Education

OTHER SERVICE

Mount Royal University 2018 – Present
External Video Examiner/Reviewer - Clinical

Mount Royal University 2018 – Present
External Video Examiner/Reviewer - Field

USPORTS Sport Medicine & Research Science Committee	2017 - Present
University of Technology, Jamaica External Examiner for BSc in Sports Sciences Program	2014 - Present
Journal of Interdisciplinary Research in Social Sciences and Education Assistant Editor	2015 - 2017
Atlantic University Sport (AUS) Member of the Expert Panel of AUS Head Injury Committee	2012 - 2017
Uniacke District School Annual Science Fair and Heritage Fair Judge	2009 - 2016

PROFESSIONAL EXPERIENCE

Acadia University Tenure-Track Assistant Professor	2016 - Present
Acadia University Varsity Athletics Interim Head Athletic Therapist (Sabbatical Replacement)	Fall 2017
Acadia University Instructor II	2014 – 2016 Wolfville, NS
Acadia University Associate Athletic Therapist and Instructor I Head Athletic Therapist – Varsity Football Team	2012 - 2014 Wolfville, NS
National Coaching Institute (Atlantic Provinces Division) Health and Safety Module Lecturer	2011 - 2016
Acadia University Associate Athletic Therapist and Part-Time Lecturer Head Athletic Therapist – Varsity Football Team	2008 - 2012 Wolfville, NS
Acadia Sports Therapy Clinic Athletic Therapist/Clinician	2008 - Present Wolfville, NS
KAT Sports Therapy Owner/ Certified Athletic Therapist	2008 - 2011 Falmouth, NS
NuBody's Fitness Centre Personal Trainer/ Athletic Therapist	2007 - 2008 St. John's, NL

Humber College Athletic Therapist/Clinician (certification candidate)	2006 - 2007 Etobicoke, ON
Seneca College Assistant Athletic Therapist (certification candidate)	2006 - 2007 North York, ON
St. John's Fog Devils (QMJHL) Assistant Athletic Therapist	2005 - 2007 St. John's, NL

ATHLETIC THERAPY MAJOR GAMES EXPERIENCE

USPORTS National Men's Basketball Championships Host Medical Team – Athletic Therapist	2018
AUS Women's Cross-Country Championships Medical Coordinator and Head Athletic Therapist	2017
Football University (FBU) Camp – Wolfville, NS Head Athletic Therapist	2011, 2012
Canada Games – Halifax, NS Newfoundland Hockey Athletic Therapist/Host Medical Team	2010 - 2011
Football Canada Cup – Wolfville, NS Medical Coordinator and Head Athletic Therapist	2010
Team Newfoundland U-14 and U-12 Soccer – Regina, SK Head Athletic Therapist	2008