



CURRICULUM VITAE

Patricia K. Doyle-Baker, Dr. PH/ PHD

Health Conversationalist, **Insightful** Experienced Professor, **Exercise Scientist** with a Sporty Leadership style! Award-winning **Speaker**, and foremost health **Educator**, Knowledge translator and **Researcher**. Process-driven, translating broad strategic initiatives into operational mechanisms that produce successful outcomes. A resilient and tenacious problem solver; empowers groups and individuals to take an integral role in the betterment of their health and subsequently their workplace. Politically astute educational ambassador and team builder; fosters an environment where individuals can develop a deep sense of meaning. Strategic ability to recruit and guide in selection processes thereby strengthening the academy's positioning as a global centre of excellence in research, education, and service. Rallies all stakeholders toward a ~~better~~ **healthier** future: a **Leader** with a deep commitment to creativity, innovation, ethics, and integrity.

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LABORATORY MISSION STATEMENT

“To bridge the gap between research and practice.”

Prevention is better than cure.
D. Erasmus C14661536

CORE COMPETENCIES

Visionary Health Leadership	Community Conversationist	Research Idea Mentor
Board of Directors Interface	Knowledge Broker	Campus Wide Consensus Builder
Fundraising & Support	Government Relations	Faculty Recruitment & Retention
Institutionalized Ethics & Integrity	Sport and Recreational Leadership	Partnership Development

PART I Biographic Background

Personal

Dr. Patricia K. Doyle Baker

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2500 University Dr. NW.,

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Nationality: Irish, Canadian

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Calgary, Alberta. T2N 1N4

Fax: 403.284.3553

Education

1996-99 Doctorate of Philosophy (Medicine/Rheumatology). Loma Linda University (LLU), Loma Linda, California, USA. Thesis: Attention to exercise in fibromyalgia patient's: an application of the theory of planned behaviour. Dr. J. Lee (Epidemiology/LLU), Dr. E Krick (Rheumatologist, LLU), Dr. L. Martin (Rheumatologist/UCalgary)

1992-96 Doctor of Public Health¹. (Health Education and Epidemiology). Loma Linda University (LLU), Loma Linda, California, USA. Supervisor: Dr. C. Neish (Health Education).

1984-86 Master of Arts (MA). (Exercise Physiology and Sport Science). University of Victoria (UVIC), BC. Thesis: The acute and chronic physiological changes in blood associated with high intensity training in rowers. Dr. H. Wenger.

1976-82 Bachelor of Science (BSc Hons). UVIC, BC. Project: A documentation of the athlete's use and knowledge of anabolic steroids. Supervisor: Dr. D. MacDougall (McMaster University).

Awards, Distinctions, and Fellowships

- 2016 'Inspired Community Service' from The UCalgary Faculty Association.
- 2015 Last Lecture Award. Title: *The Three C's in a Career and an Oreo Cookie*. Sponsored by Leadership and Student Engagement Office and the Student's Union
<https://www.facebook.com/events/1577599569170283/>
- 2014 Dr. E. Bako Award. Outstanding achievement and leadership in exercise science practice. Awarded by the Health and Fitness Program of the Provincial Fitness Unit of Alberta.
http://www.provinciaalfitnessunit.ca/news/2014/nov/20/dr_patricia-doyle-baker-2014-bako-award-recipient/
- 2009 Roger Jackson Centre Faculty Research Award, Human Performance Lab, UCal
- 2006 Avenue Magazine Distinction. One of the Top Ten Thinkers in City of Calgary.
- 2002 National Fitness Leadership Mall Prepee Award. Nominated by the Alberta Fitness Leadership Certification Association (AFLCA)
- 1999 Student Union Teaching Excellence Award – UCalgary. Nominated
- "A woman who makes a difference" Award, UCalgary.
- 1993 Student Union Teaching Excellence Award – UCalgary
- 1991 AFLCA Volunteer Award.

Scholarship

- 1998 Curriculum Fellow (Strategic Transformation Initiative). Redesign and development of an innovative framework for undergraduate programs UCalgary. (\$3500)

¹Doctor of Public Health (Dr. PH) degree program is an interdisciplinary, school wide professional degree program, which doctoral students to be research leaders, public health policymakers and public health practitioners through the integration and application of a broad range of knowledge and analytical skills in leadership, practice, policy, program management and professional communication coupled with preparation in a specific disciplinary public health field.

- 1995 Sella Andrews Graduate Award, U.California (\$5000).
- 1986 Graduate Academic Scholarship, BC. Government. (\$2500)
- 1986 Outstanding Athletic Therapist, U.C. BC. (\$500).
- 1985 Graduate Academic Scholarship, BC. Government. (\$2500).
- 1984 Outstanding Athletic Therapist, U.C. BC. (\$500).
- 1976 Undergraduate Academic Scholarship, U.C. BC. (\$500).
- 1976 University Entrance Scholarship, BC. Government (\$500).

Athletic

- 1978 U.VIC, BB Athletic Scholarship
- 1977 U.VIC, BB Athletic Scholarship

PART II- Work Experience

Academic Experience

- | | |
|---------------|---|
| 2021 | Associate Dean of Graduate Studies
Faculty of Kinesiology, University of Calgary, Calgary, AB |
| 2020 - | Full Professor
Faculty of Kinesiology, University of Calgary, Calgary, AB |
| 1993-2019 | Associate Professor (with Tenure)
Faculty of Kinesiology, University of Calgary, Calgary, AB |
| 2017 -Present | Member
McCaig Centre for Bone and Joint
Cummings School of Medicine. University of Calgary, Calgary, AB. |
| 2010-Present | Member
Alberta Children's Hospital Research Institute (Child and Maternal Health)
Cummings School of Medicine. University of Calgary, Calgary, AB |
| 2007 -Present | Collaborator
Sport Injury Prevention Research Centre (SIPRC) University of Calgary, Calgary, AB |
| 2007 -Present | Member
O'Brien Institute for Public Health
Cummings School of Medicine. University of Calgary, Calgary, AB. |
| 2005-Present | Associate Professor (Adjunct)
School of Architecture, Planning and Landscape formerly EVDS
University of Calgary, Calgary, AB |
| 1988 -1993 | Assistant Professor
Faculty of Physical Education, University of Calgary, Calgary, AB |

Licensure and Certification

- Canadian Society of Exercise Physiologists Certified Exercise Physiologist (CSEP)
- CPR Level C certification
- AFLCA Trainer of Fitness Leaders certification Group Leader

- Canadian Ski Coaches Federation (CSCF) Certifications; Alpine Ski Coach Level 3, Ski Cross level 1
- Doping Control Officer certification from 1991 -1998

Employment Experience

1986 -88 Associate Director of Sports Medicine at Cardiovascular Assessments, Rehabilitation, Exercise and Lifestyle (CARTEL) Clinic, Victoria, BC.

Completed Athletic Therapist hours and requirements for Canadian Athletic Therapists Association (CATA)

1985 – 86 Cardiac Technician, Angio Management Ltd., Victoria, BC.
Completed hours for exercise testing and requirements for Exercise Specialist Certification (ACSM)

1983 -85 Fitness Coordinator, City of Victoria Recreation Department, Victoria, BC.

Sport Science Positions and Experience

Medical Liaison Mission Staff

2017 Team Alberta, Canada Summer Games, Winnipeg Manitoba

2015 Team Alberta, Western Canada Summer Games, White Buffalo, AB.

2013 Team Alberta, Canada Summer Games, Sherbrooke, Que.

Doping Control Officer - On Site and Random Testing

1991 -96 4-6th ISSU Olympic Oval Organizing Committee, Calgary, AB International Competitions (Track and Field, Water Polo, Volleyball, Cycling)

Athletic Trainer

1988 C.I.A.U. Gymnastic Competition, Vancouver, BC.

1988 British Columbia Summer Games, Victoria, BC. Mission Staff

1988 National Figure Skating Championships, Victoria, BC. Mission Staff

1985 BC Summer Games, Nanaimo, B.C. Mission Staff

1987 National Women's CANAM Rugby Championships, Victoria, BC.

1987 Crimson Tide Labatt's Championship (men), Rugby, Montreal, Que.

1987 Victoria (men), Australian and New Zealand Tour.

1986 Crimson Tide Select Rugby (men), Victoria, B.C.

1986 Saskatchewan Rep. Team (men), European Tour.

1985 UVictoria Rugby (men), Hawaii Tour.

1985 Victoria Riptides Semipro Soccer (men), Victoria, BC.

1985 Canadian Junior National Soccer Team (men), Training Camp, Victoria, BC.

1985 British Columbia Summer Games, Nanaimo, B.C. Mission Staff

1985 National Canadian Gymnastic Championships, Victoria, BC.

1984 UVIC Rugby Team (men's), British Isles Tour.

1984 UVIC Vikettes Basketball Team, Victoria, BC.

1983 -85 Victoria Athletic Soccer Club (men), Victoria, BC.

Coaching Support and Volunteer

2019 NorAM Championships Lake Louise Starter

2018 NorAM Championships Lake Louise Starter and Volunteer Health Support

2016 -19 Bow Valley Quickies (BVQ) Director of Athlete Research

2013 -19 Banff Valley Quickies (BVQ) Education and Staff training of coaches

2007 -09 Sunshine Alpine Racers Fitness testing KI to FIS

Sport Science Support

2007 Aug Alberta Provincial U18 Women's Ice Hockey Exchange (Hokkaido Japan)

- 1999-04 UCalgary Dino Women's Soccer Team - Health and Fitness testing
 1994-98 National Women's Ice Hockey Team - Fitness testing at evaluation camps: Oct. 95, Toronto and 96, Ottawa, Pacific Rim International Tournament March 28-April 5th, 1995, Vancouver, B.C. and pre-Worlds 97, Ontario.
 1990-94 National Women's Field Lacrosse Team - Fitness testing and periodization a 3-year training program in preparation for World Cup Championships, in Scotland, August 1994.
 1990-94 National Men's Alpine Ski Team - physiological testing and sport science support
 1990-92 Alberta Provincial Baton Twirling Association - designed and implemented a two-year fitness testing program accompanied by a written manual for their future use.
 1988-01 UCalgary Dino Females Gymnastic - University-CIAU designed and implemented an injury prevention program which included nutritional analysis
 1984-87 National Men's Rugby Program - developed training program
 1984-86 UVIC Sport and Fitness Testing Center - university and national level athletes and professional: Men's Alpine Ski Team, BB, Rowing, Cross-country, Track and Field, Archers, Men's National Rugby Team, NHL and Police Force.

Consultant Work

- 1990-96 Calgary Catholic Separate School Board, Back Care Workshops for clerical and custodial staff at start of the school year 1990-91: work related fatigue and stress (1992); Prevention of Repetitive Strain Injury (1996)
 1995 NORTEL, Calgary, AB. Evaluated existing protocol using Cybex 3000 related to upper quadrant assessments.
 1995 Coaches Inc., Calgary, AB., Completed a process consultation and program evaluation for a private consulting firm specializing in 3-year wellness programs.
 1994 Bank of Montreal, Que. Completed a process consultation and program evaluation on the implementation of a Health and Wellness program for Mr. Greg Wells.
 1994 Health Systems Group (HSG), Calgary AB. Instructed their employees how to interpret fitness assessments and Cybex results.
 1991-92 Northern Telecom, Calgary AB. Developed a lower arm test to monitor the new ergonomically designed workstations. Outcome: reduced incidence of RSI.
 1991 Script and Technical Consultant, Victoria, B.C. "BIKERCISE" video. (1991).
 1990 Consultant for nationally syndicated production, "Body Moves with Laura Lauzon". CHEK TV. B.C. (1990).
 1986 Developed and researched all the components of an exercise rehab assessment center for a private physiotherapy company. Purchase of Hydra-gym, Omnitron, strength training equipment, computerized and manual bikes, tilt boards, etc.
 1983-84 B.C. Head Injury Society; Consultant and developed programs for motor skills improvement. Private patients.

PART III – Research

Supervision - Principal, (PhD, M.Sc., MA. Undergrad-honors) -Current

1. Nicole Boisvert, M.Sc, Bone and Diet effects in post menaousla women, 2021
2. Laura Crack, PhD, Endocrinology of stress in menstrual cycle, 2019 Fall-on leave *UofC-Eyes High Doctoral Scholarship*
3. Tessa VanDerVeecken, M.Sc, ITT effect on bone in mature rabbits, Fall 2018 -on leave *External Award Osteoporosis Canada*
4. Madison Grande, Honors Undergrad, Health Outcomes in Professors with Social distancing (HOPSC) Canadian Universities 2020 Fall.
5. Tim Mitchell, Honors Undergrad, Exercise Effects on Immune Function, Systematic Review and Meta Analysis 2020 Fall

- Paula Suarez Moreno Honors-undergrad. Reviewing Physical Activity during a COVID Event with Skier Racers (Racers): U14-18 years. 2020 Fall.

Supervision-Principal,(PhD,M.Sc, MA.)-Complete

- Anneke Winegarten, M.Sc 2018 -20, KNES 3km Track Time Trial Performance in Cross Country Skiers after a High Intensity Training Session
- Laura Crack M.Sc, 2017 -19, KNES Changes in Hormones with Exposure to Student Stress (CHES) of CRun up in 3M Thesis Competition <https://www.youtube.com/watch?v=1Y8EWAbBqU0>
- Eshleen Grewa M.Sc, 2016 -18, KNES Investigating 24 Hour Movement Behaviours of Children and Youth Attending Summer Camps
- Kayla Kashluba M.Sc, 2016 -18, KNES An intervention program designed to improve balance and power in U14 alpine skiers.
- Tracy Blake, PhD 2011 -16, KNES (CoSupervisor) Physical Activity and Concussion Outcomes in Youth Ice Hockey
- Andrew Stewart, M.Sc, 2013 -16, KNES Immune Response Differences of Obese Individuals to the Seasonal Influenza Vaccine. Winner President's Award for Leadership, Alberta Graduate Citizenship Award from the Government of Alberta, CIHR Banting award
- Carla Van den berg M.Sc, 2013 -15, KNES The Influence of Previous Injury History on Health and Fitness Outcomes in Junior High School Students.
- Lisa Campkin M.Sc, 2012 -15 KNES Exploring Physicians' Perspectives of Exercise Specialists in Primary Care Networks
- Meaghan Nolan M.Sc, 2008 -10, KNES. Development and Validation of the Apple iPhone/iPod as a Physical Activity Monitor *Dean's research entrance scholarship and CIHR Banting award.*
- Jeff Zahavich M.Sc, 2008 -10, KNES Examining the Freshman Weight Gain Phenomena with Measures of Fat Free Mass and Fat Mass *Dean's research entrance scholarship and CIHR Banting award.*
- Sarah Richmond, PhD, 2007-12, KNES (CoSupervisor). Injury and Obesity prevention in grades 6-9 Youth.
- Michelle Fry M.Sc, 2006 -09, KNES/CHS. The physical and psychosocial health profile of transit employees by occupational category in Calgary Alberta *Meredith Award 06, 07*
- Jane Stewart, M.Sc, 2005 -09, KNES. Understanding the Lived Experience of Physically Active Women with Knee Osteoarthritis.
- Jennie Petersen M.Sc, 2006 -08, KNES/CHS. What impact does a citywide, multiorganizational physical activity initiative have in a large, populated city with a high average income? *CIHR Banting award*
- Kate Lambert, MDP, 2005-06, EVDS. (CoSupervisor). A Critical Evaluation of liveability in Garrison Woods., Funded by Alberta Centre for Active Living.
- Ali Venner, PhD, 2004-08, KNES/MDSC. Adipocytokines, Gender and Exercise: Biochemical Evaluation during a Health Intervention Programme *AHFMR Award*
- Heather Roselle, MA, 2004., Eng. (Supervisor) Women's Hockey: Gateway to Leadership
- Leanne MacDonald, KNES, 2001. Osteopenia in Women Ice Hockey Players *Dean's research entrance scholarship*
- Alison Kolody, MA, 2002. EVDS. (Supervisor). Planning For Physical Activity: The Need For Comfortable And Convenient Pedestrian Movement In Urban Form.
- Cory Fagan M.Sc, KNES, 2000. Ballistic Training: The Effectiveness of Maximal Power Training on Physical Performance.
- Tracy Cameron M.Sc, KNES 2000. (Co-Supervisor) Ligament Laxity and Back Pain During Pregnancy.

Supervision- Committee Membership (PhD, M.Sc, MA.)-Current

- Levi Frehlich PhD, 2018 -21, CHS. Investigating neighborhood design, physical activity, and fitness: fit communities
- Shelia Downie M.Sc, 2018 -20, KNES The prevalence and risk factors for injury in competitive Trampoline and Tumbling

3. Francisco Alaniz Uribe, PhD, 2016-21, EVDS. UAVs methods for studying public life and movement. *Note: stepped off the committee as too far outside my area of expertise.*
4. Rebecca Carnduff, M.Sc., 2013-17, KNES - Evaluating the effectiveness of NMT in of sport and recreational injuries in junior high school students: a cross-sectional analysis on injury risk. *Note: withdrawal from the faculty.*

Supervision – Committee Membership (PhD, M.Sc., MA.) -Complete

1. Ryan Peter Lukic, M.Sc., 2017-20, CH. The role of the built environment in relation to sleep and sedentary behaviour
2. Nathaniel Morris, M.Sc., 2017-20, KNES. Biomechanical and Morphological Deficits Following Anterior Cruciate Ligament Reconstruction with Hamstring Autografts: Implications for Rehabilitation and Return to Sport Testing.
3. Anmol Attu, M.Sc., 2018-20, KNES. Oxygen uptake kinetics during the different phases of the menstrual and oral contraceptive cycles.
4. Rogerio Soares, PhD, 2015-19, KNES. The effects of short-term exercise training on the vascular responsiveness and cardiorespiratory parameters in obese individuals.
5. Jawad Hashim, M.Sc., 2016-19, KNES. Effects of a Structured Exergaming Curriculum on Postural Balance in Older Adults.
6. Mitch George, M.Sc, 2015-17, KNES. The Effects of Aging and Training Status on Vascular responsiveness, O₂ Delivery, and the Rate of Adjustment of Oxidative Phosphorylation
7. Grace Salvo (MD), M.Sc., 2014-18, CHS. Influence of environmental barriers in neighbourhoods of high and low walkability on high active and low active participants.
8. Matt Jordan, PhD, 2012-17, MDSC, Long-Term Effects of Knee Injury on Neuromuscular Performance and Function in Elite and Sub-Elite Alpine Ski Racers.
9. Christiane Job, PhD, 2014-15, KNES. Women Changing the Culture of Sport: A Narrative Analysis of Aging Women's Experiences as Athletes.
10. Megan Hume, M.Sc., 2013-15, KNES, The Effects of Prebiotic Fibre Intake on Appetite and Body Mass Index zscore in Overweight and Obese children.
11. Alissa Nicolucci, Ms., 2013-15, KNES. Effect of Prebiotic Fibre Intake on Adiposity and Inflammation in Overweight and Obese Children: Assessing the Role of the Gut Microbiota.
12. Brittiany Gadzosa, M.Sc., 2012-15, U of Sask-KNES. Effects of a 12-week Exercise Intervention For Overweight or Obese Females on Circulating Leptin and Kisspeptin Hormone Levels.
13. Ben Tan, M.Sc., 2012-14, KNES. Surveillance of injury in school age youth with ADHD and DCD.
14. Kerri-Jo Sawka, M.Sc., 2011-14, CHS. Social Media and Obesity in Children.
15. Ted Pfister, M.Sc., 2011-14, CHS. Convergent validity and test re-test reliability of two accelerometers for measuring physical activity and sedentary behaviour in a healthy population of older women.
16. Ann Madeline Toohey, M.Sc., 2010-12, CHS. How is social capital influenced by neighbourhood attributes?
17. Patricia J. Knutson, M.Sc., 2010-12, GDER. What it means to be a Women at Midlife: First-Time Marathoners and Embodied learning.
18. Anna Alywin, M.Sc., 2008-11, KNES. Does the addition of a 6-week maximal strength-training program improve the sustainability of performance in trained male cyclists?
19. Stacy Ruddell, M.Sc., 2007-10, KNES. The Use of Tension Night Splints in the Treatment of Plantar Fasciitis. Committee.
20. Kim Wagner-Jones, M.Sc., 2007-09, KNES. The Impact of High Dairy Intake During Weight Loss on Markers of Insulin Resistance.
21. Joanne Helm, PhD, 2004-06, GDER. Implementing An Innovation 'FIT Breaks' With Elementary School Teachers In Cohort And Non Cohort Groupings: Issues of Adoption, Attitude, Creativity and Engagement.
22. Kelly-Anne Erdman, M.Sc., 2004 -06, KNES Evaluation of the Dietary Supplementation Patterns Among Calgary-Based High Performance Athletes.
23. Lisa Daroux, M.Sc., 2004-05, KNES. The Impact of Perceived Control on the Psychosocial and Physical Outcomes of Physical Activity in Cancer Survivors., Proposal Committee
24. Melissa Lee Potestio, Ms., 2003-2005, CHS. Childhood Obesity: Perceptions of Calgary Public.

25. Flora Hillis, M.Sc., 2000-02, KNES. Ventilatory Responses To Hypoxia Over The Menstrual Cycle.,
26. Donna Rucker, M.Sc., 1998-2000, MDSC. Effects Of Seasonal Vitamin D and Bone Metabolism In A Health Population Of Western Canadians.
27. Cynthia Mannion, PhD. 1998-2003, NURS McGill U., Sch Dietetics and Human Nutrition. The Prevalence and Effects Of Dairy Products Restriction During Pregnancy And Lactation On Maternal Dietary Adequacy And Infant Birth Weight.
28. Emma Smith, MA, 1996-98, KNES. The Impact of Physical Activity on the Quality of life of persons with in Spinal Cord Injuries
29. Deanna Schick, M.Sc 1995-97, KNES Injury Rates and Profiles In Female Ice Hockey players
30. Paul Eastabrooks, MA, 1995, KNES. Paul Eastabrooks Self Schema As A predictor of Exercise Participation.
31. Claudio Nigg, MA, 1995, KNES Adolescent Exercise Behaviour: An Application of the Theoretical Model.

Examination Committee Membership

1. Jamie Benham, PhD, 2020 Dec. 4, MDSC Polycystic Ovarian Syndrome: an investigation of non pharmacologic management strategies and cardiometabolic consequences. Examiner Candidacy.
2. Rafael Azevedo, PhD, 2019, KNES Neuromuscular fatigue in aging and sex differences. Internal Examiner Thesis.
3. Tamara Williamson M.Sc, 2019, Psychology. The impact and mechanisms of patient education in cardiac rehabilitation on knowledge, attitudes, and exercise adherence among patients with coronary artery disease: A prospective proof-of-concept study Internal External Thesis
4. Ryan Deck M.Sc, 2019, U. of Regina KNES The Effects of Mild Bilateral Jugular Vein Compression on Cerebrovascular Physiology: Implications for Concussions External Examiner Thesis
5. Andres Kroker, PhD, 2019, CHS Using high resolution CT and MRI to monitor the tissue changes associated with a longitudinal study of a post traumatic knee injury Internal External Thesis
6. Aleen Pangka M.Sc, 2016, May 26 MDSC Muscle loading and bone strength in postmenopausal women Internal Examiner
7. Christiane Job PhD, 2015, KNES Women Changing the Culture of Sport: A Narrative Analysis of Aging Women's Experiences as Athletes Examiner Thesis
8. Nadine Van Wyk PhD, 2013, MRUC Coaching perceptions of Children in Gymnastics Internal Examiner Candidacy
9. Megan Hallam PhD, 2013, KNES Influence of Nutrients on Development Programming of Glucose and Lipid Metabolism in a Wistar Rat Model Internal Examiner Candidacy
10. Marc Bomhof PhD, 2013, KNES What are the mechanisms underlying NAF related liver injury that are predominately associated with dietary regulation sources Internal Examiner Candidacy
11. Christiane Job PhD, 2012, KNES Women Changing the Culture of Sport: A Narrative Analysis of Aging Women's Experiences as Athletes Examiner Candidacy
12. Lindsay Eller, PhD, 2010, KNES MDSC Dairy protein supplemented with calcium attenuates weight gain during high fat, high sucrose feeding in diet induced obese rats better than whey protein. Examiner Thesis
13. Fabiola Aparicio Ting, PhD, 2010, CHS. Determinants of Meeting Physical Activity Guidelines For Cancer Prevention In An Alberta Cohort. Internal External Thesis
14. Teresa A. Scarlett, MCS, 2007, Communications. Selling Pink Faith: A critical discourse analysis of breast cancer fund raising. External Committee
15. Jill Parnell, PhD, 2006, KNES MDSC. To determine the effect of oligofructose supplementation on body composition, blood sugar regulation, food intake and the secretion of gut peptide in obese, adults. Internal Candidacy
16. Fabiola Aparicio Ting, M.Sc 2006, CHS. Individual, Social, And Environmental Determinants of Physical Activity in An Alberta Cohort. External Examiner
17. Cara Hedley, MA, 2005, ENG. Ice: A Novel. External Examiner

18. Shannon May, MA, 2004, Communications. On Ice. book, In/ External Examiner
19. Donna Gallant, PhD, 2003, NURS. Grounded Theory Approach To Flu Vaccination In Nurses. Candidacy

Supervisor - MKIN and M.PE -Past

1. Nicole Keeler, MKIN, Practicum, 2011. (Supervisor). Designing a Structured Exercise Program for NAFLD Patients.
2. Shane Pizzey, MKIN, 2006. (Committee). The Validity and Reliability of an On-Ice Maximal Aerobic Skating Protocol with Male and Female Hockey Players.
3. Maggie Philips, MKIN, 2004. (Co-Supervisor). The Relationship between Perceived Competence and Physiological Ability in Sports.
4. Stacey Hutton, MKIN, 2003. (Supervisor). Reliability of the Power Tap System and its Comparability to the Sensor medics Cycle Ergometer.
5. Nancy Scholz, MKIN, 2002. (Supervisor). A Comparison of the Tanita BF-350 BF Bioelectrical Impedance Analyzer to Underwater Weighing in Caucasian Females.
6. Corrine Swirsky, MKIN, 2002. (Supervisor). The Effects of a Dryland Training Program for Breast Cancer Survivors Racing Dragon Boats.
7. Karen Kendall, MKIN, 2001. (Supervisor). The Relationship of Muscular Strength, Leg Power, and Dynamic Stability to the Crossover Triple Hop Functional Test in College-Aged Athletes.
8. Kirstel Rippert, MKIN, 2001. (Internal Examiner). The Effect of Resistance Training on The RF Profile of Patients with Diabetes and CAD.
9. Kyle Clapperton, MKIN, 2000. (Supervisor). Training for Long Distance Load Carriage in Reserve Infantry Men.
10. Jack VanDyk, MKIN, 2000. (Supervisor). Impact of Strength Training on the Development of Cycling-Specific Power in Sport/ Expert Class Mountain Bike Racers.
11. Sheryl Ross, MKIN, 2000. (Internal examiner). An Investigation of the Nutrient Intake and Activity Levels of Swimmers.
12. Jackie Jones, MKIN, 1998. (Supervisor). Effects of a Controlled 8 Week Walking Program on the Symptoms Associated with Sedentary Peri-menopausal Women.
13. Michelle Cederberg, MKIN, 1997. (Co-Supervisor). Social Cohesion Factors in an 8-Week Walking Program For Obese Women.
14. Steve McCarthy, MKIN, 1996. (Supervisor). Determination of a Novel Field Test for Cross-Country Mountain Bike Racers
15. Teresa Krahn, MKIN, 1995. (Supervisor). Energy Expenditure of Fitness Instructors During Slide-board Training at Different Board Lengths and Cadences.
16. Valerie Verge, M.PE, 1994. (Supervisor). A Comparison of Upper Limb Cybex Data on Northern Telecom Employees with repetitive Strain Injuries.

Neutral Chair

1. Madison Fullerton, M.Sc.-defense, 2020, KNES, Physiology Fatigue
2. Ahmad Qahtani, M.Sc.-defense, 2019, KNES, Physiology Fatigue
3. Renata Kruger, PhD-defense, 2019, KNES, Physiology Fatigue
4. Elysa Sandron, M.Sc.-defense, 2019, KNES, Injury Prev
5. Chevonne Codd, M.Sc.-defense, 2018, KNES, Injury Prev
6. Felipe Mattioni Maturana, M.Sc.-defense, 2016, KNES-Exercise Physiology
7. Haley Wickenheiser, M.Sc.-defense, 201, KNES-Health and Exercise Psychology
8. Megan Carroll Hallam, PhD-defense, 2013, KNES-Nutrition
9. Michael John Mackenzie, PhD-defense, 2012, KNES Health and Exercise Psychology
10. Bjoern Michael Eskofier, PhD-Candidacy, 2009, KNES-Bone Biomechanics
11. Aliaa Mohammed Rehan Mohammed Youssef, PhD-Candidacy, 2008, KINES-Biomechanics]
12. Linlin Zhao, M.Sc.-defense, 2007, MDSC
13. Wistara van Snellenberg, M.Sc.-defense, 2005, KNES Sport Med.

Post -Docs

1. Dr. Andrew Ladle, 2017-18, EVDS-KNES, (Co-supervisor Dr. Paul Galpern, EVDS-Biol). Analysis of GPS derived human mobility data to assess commuting factors and the use of urban space in Calgary AB.
2. Dr. Gavin McCormack, 2008-11, CHS-KNES, (Co-supervisor Dr. Alan Sheil, CHS). The influence of individual and area level socioeconomic status on the relationship between the built environment and neighbourhood specific physical activity: a Canadian perspective.

Visiting Professors

1. Mr. A. Tanaka, 2015-16, Professor, Business Hokkai Japan,– Gakuen Uni. Business case study of Canadian Sport through Long-Term Athlete Development (LTDA) and Physical Literacy
2. Dr. Bo Li, 2005-16, Asso. Professor Wuhan Instit. of PE. Health and QOL of changes in individuals with Parkinson disease participating in dance classes.

Supervisor - Undergraduate Research Awards (Markin USRP or PURE) Past

1. Paula Suarez Moreno, B.Kin, 2020S. Youth Skiers Self-Reported PA Participation, Injury and Illness. PURE Award
2. Daniela Orellana, B.Kin, 2018F. Investigating the influence of menstrual cycle phases on dietary intake in female university students over an academic year. Markin USRP
3. Kaitlyn Sobchuk, B.Kin, 2018S. A mixed method study on knowledge and awareness about osteoporosis prevention among women who row. Markin USRP
4. Renee Kokts-Porietis, B.Sc.-Kin, 2017S, The Effects of Menstrual Cycle Hormones on Fat Oxidation and Power Output in Cyclists. Markin USRP
5. Michael Christie, B.Sc.-Kin, 2016S. Analysis of secondary injury accompanying ACL rupture in Can. Alpine Ski Racers: relationship with age, functional fitness and return to sport. Markin USRP
6. Malcolm Spytkowski. B.Sc.-Kin, 2016-S. Kids Steps in the Summer at University Camps (KiSS UC) study. PURE Award.
7. Michael Christie. B.Sc.-Kin, 2015-S. Investigating force differences between ACL hamstring repair to the non-affected limb in athletes? PURE Award.
8. Kaitlyn Verge, B.Sc.-Neuroscience, 2014F The Recreation Exercise Caloric Expenditure Sitting and Sleep Study in 1st Year University Students (RECESS). Markin USRP
9. Karim Narsingani, B.Sc.-Kin, 2014F. Exercise training before liver transplant patients. Markin USRP
10. Aiya Amery, B.Sc.-Kin, 2014-S. (Co-supervisor Dr. R Reimer). Faecal microbiota composition of fit lean and unfit obese individuals: A Pilot Study. Markin USRP
11. Andrew Stewart, B.Sc.-Kin, 2012-S. An Informational social media campaign using the University of Calgary homepage to educate students on the influenza vaccine. Pure Award
12. Siri Reinhold, B.Sc.-Kin, 2011-S, A Comparative Investigation into the Energy Expenditure Associated with Difference Dance Types in University Populations. PURE Award
13. Marco Farrier, B.Sc.-Math Engineering, 2010-FW, Non-alcoholic fatty liver disease patient's attitudes and beliefs surrounding exercise as a prescribed intervention. Markin USRP
14. Kristen Lawrance, B.Sc.-Kin, 2010-S. Understanding the lived experiences of young female athletes undergoing rehabilitation following a knee injury. Markin USRP
15. Angie Karlos, B.Sc.-Kin. 2009-S, Are seasonal vitamin D levels impacted by a diet and physical activity intervention program in women who are part of the Women's Health Initiative workplace study in Calgary? Markin USRP and *Graeme Bell Travel Award Winner*
16. Kim Brynes, B.Sc.-Kin, 2008-FW, Do first year university students (age 19 and under) experience greater increases in stress during their first year at university? Markin USRP
17. Meaghan Nolan, BHS, 2007S, Characterizing the Evolution of Public Open Space in Calgary, Alberta: Implications for Patterns of Physical Activity in Children. Markin USRP

18. Stacey Nelson, B.Sc.-Kin, 2006F, Does the type of mechanical strain and vibration load in soccer vs. speed skating affect BMD in young female athletes? Markin USRP
19. Brett Poole B.Sc.-Kin, 2004. Bone Mineral Density and Fat Free Mass in Elite Female Athletes Over 40. Markin USRP

Supervisor - Kinesiology Undergraduate Honors -Past

1. Elaine Nyguen, 2019-20. Sarcomere length and number in series following a 6-week eccentric high intensity training protocol in the rabbit model (4By4HIT-Study).
2. Rachel Stokes, 201819. The effect of stress on heart rate variability ~~in~~ *eumenorrhoeic* females attending university full time (CHES Study)
3. Kaitlyn Sobchuk, 201819. Knowledge and awareness about osteoporosis prevention among older women who row (ROWER study)
4. Renee Kokts Porietis 2017 -18. Heart rate variability and basal body temperature in eumenorrhoeic cyclists (HEB Study)
5. Michael Christie, 201617. Injury surveillance of U14 alpine racers in a Southern Alberta ski club: feasibility study.
6. Sean Wallace, 201415. Cardiac Parasympathetic Activity and Training Load: an Elite Alpine Ski Racer Case Study
7. Karim Narsinganj 2014 -15. Sleeping behaviour in 1st Year University Students (RECESS study)
8. Janell Lautermilch, 201314. Athlete's knowledge and beliefs surrounding H1N1 vaccine.
9. Kylie Rowe, 201314. Parents and Coaches' expectations and beliefs regarding the outcomes and benefits of an entry level alpine youth race program
10. Erin Hildebrandt, 201213. Knowledge level of vitamin D awareness and behaviours towards sunlight among youth ice hockey players, parents, and coaches in Calgary, Alberta.
11. Angie Karlos, 200910. Is Obesity Related to Vitamin D deficiency?
12. Leila Barrs, 2008-09. Determinants of interindividual cholesterol level variation in Kinesiology students.
13. Leah Andries, 200708. Validation of the Analytical Characteristics of the Alpco Diagnostics Adiponectin ELISA Kit.
14. Heather Wray, 2004-05, Energy Expenditure of Young Adult Restaurant Servers: A Pilot Study *SKINS Gold Medal winner*
15. Jen Lambert, 2003-04. Nutrition knowledge and dietary calcium intake of in university female students.
16. Angela Ludwig, 200304. Assessment of Calgary Elementary Physical Education Programs.
17. Melissa Hyman, 200102. The Determinants of HIV/Risk Factor Status in University Based Population Using The Theory off Planned Behaviour.
18. Behinn Treanor, 200001. The Determinants of Exercise in Lupus Patients: Development of a Questionnaire based on the Theory of Planned Behavior *SKINS Gold Medal Winner*
19. Colleen Haney, 19990. A survey of athletes' knowledge on supplementation for Athletic performance.
20. Stephanie Calvert, 19990. Opinions on EvidenceBased Medicine in Obstetrics/Gynaecology.
21. Jeremy deBruyn 1998-99. Resistive Exercise Improves Bone Mineral Content in Postmenopausal Females.
22. Brian Benson, 199506. The Ergogenic Effects of Anabolic Steroids: A Critical Appraisal of the Literature.

Supervisor- Other undergraduates

1. Reese Land Gavin Thomas JofC.(2019 -2020). Titin isoforms changes following a HITT protocol in the rabbit model
2. Danny Marhaba, Melbourne Med. School (Aust). 2015 Jan-June, Scholarly Select Project. Cardiovascular & Metabolic Parameters in University Students
3. Jadaesola Giwa, CHHS, 2013-14, MDSC 508. Culture specific cardiovascular disease awareness health intervention designed for Nigerian women in Calgary AB.

Supervisor High School Science Fair

1. Alyssa Zeisler, Grade 9, 2004. Fair Fit if Fat: Body Image perceptions Vs. Realities among Junior High School students. Canada Winner.
2. Michelle Chang, Grade 11, 2007. A cross-sectional analysis of Tidal Volume in young Synchro Swimmers.

Not included: Supervision of Undergraduate Practicums

- Kinesiology 1998-2015 , **10 students**
- Nursing Research Preceptor (Nur479)1999 -2002 , **10 students**

Research Funding

Secured Funding

Vivo Foundation (PHAC Grant)

Title: Phase A Baseline Survey of Vivo Play Project, Phase B Evaluation Vivo Play Project, Phase C Evaluation of Vivo Play Scientist Program

Role: Co-Principal Investigator (Gavin McCormack) Co-PI, Community Health Sciences

Funds: Phase A, \$94,725 ; Phase B \$32,650 ; Phase C \$62,268

Term: 2019-2022

Duration: 3 years

Research Coordinators: Jennie Peterson and Dalila Ghoneim; Staff Emma Chong and Calli Naish

CIHR Grant-Foundation

Title: Neighbourhood Design and Physical Activity: Generating Evidence to Inform Healthy Public Policies.

Role: Lead Collaborator (Gavin McCormack) Principal Investigator Community Health Sciences

Funds: \$925,000 (#1 Ranked Grant in this funding year)

Term: 2017-2023

Duration: 5 years.

Research Funding Previous

Human Dynamics Seed Funding

Title: Healthy Hoods: a better life in cities

Role: Co-Principal Investigator Co-PIs B. Sanadlack, Alaniz Uribe, School of Architecture, Landscape and Planning

Funds: \$75,000

Term: 2017-2019

Duration: 2 years

SSHRC-Insight

Title: The realized walkshed: Pedestrian movements in urban areas using crowdsourced spatial data

Role: Collaborator, (Principal Investigator P. Galpern EVDS and Biology)

Funds: \$37,000

Term: 2016-2019

Duration: 3 years

Kinesiology Dean Seed Funding

Title: Development of sport specific NMT training program in Alpine skiers.

Role: Principal Applicant

Funds: \$50,000

Term: 2 years

Duration: 2016-2018

Alberta Centre for Child, Family and Community Research: Small Projects Grant

Title: Evaluating the effectiveness of neuromuscular training in decreasing the risk of sport and recreational injuries and improving health outcomes in junior high school students
Role: Co-investigator, (Principal Investigator C. Emery, Kinesiology)
Funds: (\$39,679)
Term: 2014-2016
Duration: 2 year

Active Living Director's Grant (L. Jones) Kinesiology Dean Seed Funding

Title: Kids Steps in the Summer at University Camps (KiSS UC).
Role: Principal Applicant
Funds: \$10,000 and in-kind equipment
Term: 3 years
Duration: 2014-2017

Kinesiology Dean Seed Funding

Title: Recreational Exercise Caloric Expenditure Sitting and Sleep Study in 1 University Students
Role: Principal Applicant
Funds: \$10,000
Term: 2 years
Duration: 2014-2016

Alberta Heritage Foundation for Medical Research Interdisciplinary Team Grants Program.

Title: Designer Therapies to Reduce the Burden of Osteoarthritis (OA) from Mechanisms to Prevention.
Role: Principal Investigator C. Frank,
Sub project: Targeting sport and recreation injuries in the youth of Alberta
Role: Co-Investigator, (Principal Investigator CA. Emery)
Funds: \$323,920.
Term: 2008-2012
Duration: 7 years

Alberta Innovates Health Solutions: Collaborative Research & Innovation Opportunity Program

Title: Alberta Program in Youth Sport and Recreational Injury Prevention" [iSPRINT - Implementing a School Prevention program to Reduce Injuries by Neuromuscular Training
Role: Co-Investigator, (Principal Investigator CA. Emery)
Funds: \$500,000
Term: 2013-2015
Duration: 2 years

SSHRC RDI

Title: Exercise and Osteoarthritis: understanding the contexts of women through sport.
Role: Principal Investigator
Funds: \$20,264
Term: 2009-2011
Duration: 2 years

UCalgary-Development Proposal for SSHRC Grant

Title: Understanding the context of OA through Women and Sport
Role: Principal Investigator
Funds: \$1000
Term: 2008
Duration: 1 years

Bella Foundation

Title: Does Vitamin D and Quality of life Change Marking Alberta Women Enrolled in 12 Week Lifestyle Education Intervention Program

Role: Co-Investigator, (Principal Investigator T. Hause)

Funds: \$95,000

Term: 2008 -2010

Duration: 2 years

Doucet Bequest

Title: Do Health Parameters Differ Between 1st Year University Students and Non-student Populations? FYI Health Study

Role: Co-Investigator (Principal Investigator K. Sharky)

Funds: 120,000

Term: 2008-2010

Duration: 2 years

Canadian Institute Health Research (CIHR) Health Services Evaluation and Intervention Research award

Title: Economic Evaluation of Using Urban Form to Increase Exercise (ECOEUFORIA)

Role: Co-Investigator, (Principal Investigator A. Shiell)

Funds: \$593,644

Term: 2007-2012

Duration: 5 years

Calgary Foundation

Title: FIT Breaks in Elementary school

Role: Co-Applicant (Principal Applicant L. Katz)

Funds: \$27,000

Term: 2007-2008

Duration: 1 year

Alberta Children's Hospital

Title: Physical Activity in School Aged Children with Developmental Coordination Disorder (DCD)

Role: Co-Applicant (Principal Applicant M. Cantell)

Funds: \$11,239

Term: 2006

Duration: 1 year

Calgary Regional Authority

Title: Evaluating psychosocial and physiological changes associated with organizing a mall walking

Role: Co-Investigator (Principal Investigator N. Culos-Reed)

Funds: \$17,800

Term: 2005-2007

Duration: 2 years

Alberta Arthritis Foundation and AFLCA Joints Works

Title: ACE (Arthritis Contract for Exercise).

Role: Principal Applicant

Funds: \$9,720

Term: 2005-2007

Duration: 2 years

Olympic Oval Foundation

Title: Biochemical Evaluation in a Health Intervention Program (B.E. H.I.P.).
Role: Principal Applicant
Funds: \$5,000
Term: 2005-2007
Duration: 2 years

University of Calgary Development Grant

Title: Establishment of Paediatric Reference Ranges for Leptin
Role: Principal Applicant
Funds: \$10,000
Term: 2004-2006
Duration: 2 years

Alberta Center for Active Living-Seed funding

Title: The NUDGE Project (neighbourhood urban design to get exercise)
Role: Principal Investigator
Funds: \$7,500
Term: 2004-2006
Duration: 2 years

Alberta Children's Hospital (ACH)

Title: Are adults with poor motor skills at risk for obesity and reduced cardiovascular health?
Role: Co-Applicant (Principal Applicant M. Cantell)
Funds: \$44,135
Term: 2003-2006
Duration: 3 years

UCalgary Development Grant

Title: Health related risk factors in children with poor motor skills: a pilot project
Role: Co-Applicant (Principal Applicant M. Cantell)
Funds: \$10,000
Term: 2002-2004
Duration: 2 year

Calgary Regional Health Authority: Adult Research Committee

Title: Physical Activity and Maternal Anxiety in pregnancy and the risk of Spontaneous Premature Delivery in Twin Pregnancies.
Role: Principal Investigator & Wood Co-Investigator
Funds: \$40,040 [Study grant \$30,000 plus UCalgary Pilot grant \$1040]
Term: 2001-2003
Duration: 3 years

UCalgary Development Grant

Title: Evaluation of physical activity programs for health at risk populations: A pilot project
Role: Principal Investigator & M. Culos Reed, Co-Investigator
Funds: \$10,000
Term: 2001-2002
Duration: 1 year

Alberta Heritage Foundation for Medical Research Seed Funds

Title: Social Cognitive variables and metabolic profile over 12 months on obese males
Role: Co-Principal Investigator with D. Paskevich

Funds:\$7800
Term: 1998
Duration: 1 year

UCalgary. Radio & TV. Committee

Title:Physical Activity Video for those at high risk for pharmacological intervention in relation to heart disease
Role: Principal Investigator W. Elford CoInvestigator
Funds:\$5000
Term: 1991
Duration: 1 year

Not funded

CIHR Operating Grant : COVID19 May 2020

Title:Distancing Impacts on Sedentary and Physical Activity in Residential Environments (DISPARE): A qualitative inquiry of COVID19
Role:Co-Principal Investigator (Gavin McCormack CoPI, Community Health Sciences)
Funds:\$100,500
Term: 2020-2021
Duration:1 year

Re-Submission Sept. 2019

CIHR Grant-Project

Title:Developing and testing a referral pathway to link student mental health services and exercise programs on university campuses (MoveU.HappyU)
Role:CoApplicant (Catherine Sabiston Principal Investigator U. of Toronto)
Funds:\$500,000
Term: 2020-2024
Duration: 4 years.
Review: Top Group (4, 3.5, 4.2)

Research Funding Alberta Sport Science Association (SSAA)

Grants between \$3000-\$5000 ; 2-year duration; principal investigator required to have a student applicant

2018. The effects of exercise on postmenopausal osteoporosis and the mechanisms by which exercise affects bone remodeling T. VanDerVeeken
2017. The effects of stress on the menstrual cycle in female university students tsCrack
2016. The effects of the menstrual cycle on power and fat oxidation in older female cyclists S. Kokts-Porietis
2015. Investigating force differences between ACL hamstring repair to the affected limb in athletes. M. Christie
2014. Pilot study on the measurement and interpretation of heart rate variability in athletes and non-athletes: S. Wallace
2013. Parents and Coaches' expectations and beliefs regarding the outcomes and benefits of a recreational alpine youth race program K. Rowed
2012. Knowledge and Awareness Survey of Vitamin D in Ice Hockey Players, their Parents and Coaches in Calgary, AB. E. Hildebrandt

8. 2011. A Comparative Investigation into the Energy Expenditure Associated with Different Dance Types in University Populations S. Reinhold
9. 2010. Exercise and Knee Osteoarthritis and Injury: Understanding the contexts of young women through sport. E. Collins
10. 2009. The validation of the triaxial accelerometer in a smartphone as a physical activity monitor in those 18 years and older M. Nolan
11. 2008. What fitness variables change from dry land training program in developing Alberta Youth Alpine Ski Racers? J.K. Stewart
12. 2007. Can health and fitness parameters be improved in Masters Athletes with an 10 month training and nutrition program? (T/F MATE study) J.K. Stewart
13. 2006. Validation of the ACTi heartmonitor for combined heart rate and movement in overweight obese and athlete child populations A. Venner
14. 2005. Leptin Reference Ranges in junior development athletes A. Venner
15. 2004. Health status variation in elite female athletes based on sport, age, training, and BMI. B. Poole
16. 2003. Athletic Identity and participative motive differences in individuals who chose the run method of marathon training C. Parsons
17. 2002. A comparison of static physiology between pre-menopausal master athlete and their sedentary counterparts. J. Ashmead
18. 2001. Resting metabolic rate and menstrual status in female athletes S. Ball
19. 2000. Investigations and Analysis of Eating Behaviour and Energy Intake in Female Soccer Players. MacDonald
20. 1999. Physiological profile of outdoor female soccer players MacDonald
21. 1998. Physiological profile of indoor female soccer players MacDonald
22. 1997. Investigation and analysis of female ice hockey injuries S. Fagan
23. 1996. Determination of a physiological profile for female ice hockey players S. Fagan

Publications– Manuscripts

Career total: 70 published manuscripts (Trainees are underlined), 2 invited book chapters, 13 online peer reviewed lay public articles, 7 manuals, 133 abstracts and many knowledge translation and health education articles. My research career began after 2000 : a) education leave from July 1, 1992 to Aug. 31 1993 to start my Dr. PH (after this I continued to complete my course work, and professional practice hours each summer and eventually began my PhD off the side of my desk at UC), b) two 4-month maternity leaves (Jan.1 to May 6,

1996 and 1998) and c) three medical leaves due to surgeries (January 13 to April 6, 2000; July 1 to August 22, 2003; and Sept.17-31, 2009). H-index=20, 1583 citations. i10-index=30
(<https://scholar.google.com/citations?user=2lotyE0AAAAJ&hl=en>Google Scholar)

Although research topics vary, all outcomes health performance and the interplay of various factors (such as diet, environment, injury risk, muscle mass, psychological factors) on the central theme of movement in the form of physical activity, exercise and sport participation. Publications can be viewed here:
https://www.researchgate.net/profile/Dr_Patricia_Tish_Doyle-Baker

Manuscripts - in progress (M)

- M1. Crack L, Lebrun C, Doyle Baker PK (2020, Aug.) Blunted Cortisol Awakening Response in Female Undergraduate Students on Day 21 of the Menstrual Cycle.
- M2. Doyle Baker PK, McCormack, GR, Peterson J, Dalia Ghoneim S. Self reported seriousness and anxiety, during COVID 19 imposed physical distancing and the impact on physical activity behaviors.
- M3. Doyle Baker PK, Stewart A, Lategen, I. Self Reported Attitudes and Beliefs of University and College Students for Failing to Receive an Influenza Vaccine. In preparation July 2020.
- M4. Doyle Baker PK, Fung T, Parsons C, Pasekovich D. Athletic Identity and Participative Motive Differences in Individuals Who Chose the Run/Walk vs. Run Method of Marathon Training. In preparation June 2020
- M5. Doyle Baker PK, Zahavich J. What has changed based on the last decade of research on the Freshmen 15 Literature. In preparation August 2019.
- M6. Pashaei S, Saeidi A, Sarshin A, Boulosa D, Raveh D, Doyle Baker PK, Zouhal H. Heart rate variability changes associated with progressive exercise intensities in sedentary young males. In preparation August 2019.
- M7. Khodamoradi A, Saeidi A, Khosravi A, Doyle Baker PK, Abbassi Dalooi A, Abderrahman. (2019 March) Effect of circuit Resistance, Continuous and High Intensity Interval Training on Neuregulin 4 and other Cardiovascular Risk Factors in Obese Men. In preparation July 2019.
- M8. Wood S, Doyle Baker PK, & Brant R. Physical Activity Measured by an Accelerometer and the risk of Spontaneous Premature Delivery in Multiple Pregnancies: a prospective cohort study. In preparation March 2019.
- M9. Khodamoradi A, Saeidi A, Khosravi A, Doyle Baker PK, Abbassi Dalooi A, Abderrahman A, Hackney AC. Exercise Training and Obesity: The Role of Semaphorin 3E/Plaxin D1. In preparation Feb. 2019.

Submitted/Under Review

- M10. Winegarden A, Lebrun C, Passfield Doyle Baker PK Improved 3km Track Time Trial Performance after High Intensity Interval Training in Competitive Cross Country Skiers. *JKSS* Jan. 2021. Submitted
- M11.
- M12. McCallum K, Tan B, Marjoram R, McKay Doyle Baker PK, Tal Jarus T, Dewey D, Emery C. Does Developmental Coordination Disorder or Attention Deficit Hyperactivity Disorder increase sport and recreation injury risk in children? *Pediatric Exercise Science* Oct. 2020. Submitted
- M13. Shephard H, Evans T, Gupta S, McDonough M, Doyle Baker PK, Belton KL, Karmali S, Pauer S, Hadly G, Pike I, Adams SA, Babul S, Emery CA, Yeates KO, Kopala Sibley DC, Schneider KJ, Cowle C, Fuselli P, Black AM. impact of COVID 19 on high school student athlete experiences with physical activity, mental health, and social connection. *Qualitative Health Research* Oct. 2020. submitted
- M14. Toomey C, Whittaker J, Doyle Baker PK, Emery C. Physical activity 32 years following a youth sport related intra-articular knee injury. *JSHS*, July 2020. submitted

- M15. Winegarden A, Passfield L, Doyle Baker PK Differences in 3km Track Time Trial Pacing and Performance by Age in Competitive Cross-Country Skiers: A Field Study *SSM* June 2020. submitted
- M16. Doyle Baker PK, Ladle A, Rout A, Galpern R. Commuting and its association with visit length and frequency: extracting behavioural trends from widely available smartphone GPS location histories *Journal of Computers, Environment and Urban Systems* In review November, 2019.
- M17. Katz L, Inun FM, Helm J, Doyle Baker PK (Fun Innovative Time (F.I.T.) Breaks: Attitudes of Elementary School Students toward Physical Activity in the Classroom *Journal of Health Education* Revisions requested 2019 March.

In Press or Published Manuscripts (P)

- P1. Lukic R, Olstad DL, Doyle Baker PK, Potestio ML, McCormack GR. (2020, Nov.). Associations between neighbourhood street pattern, neighbourhood socioeconomic status and sleep in adults. *Prevention Medicine Reports* In review.
- P2. McCormack GR, Doyle Baker PK, Peterson J, Ghoneim D (2020, Dec. 2). Parent anxiety and perceptions of their child's physical activity and sedentary behaviour during the COVID-19 pandemic. *Prevention Medicine Reports* <https://doi.org/10.1016/j.pmedr.2020.101275>
- P3. Soares RN, Reimer RA, Doyle Baker PK, Murias JM. (2020). Mild obesity does not affect the forearm muscle microvascular responses to hyperglycemia. *Microcirculation* e12669. <https://doi.org/10.1111/micc.12669>
- P4. Frehlich LE, Christie C, McCormack GC, Chowdhury TT, Doyle Baker PK, Ronksley P. (2020, Sept.) A systematic review of the associations between the neighbourhood built environment and health-related fitness in adults.. PROSPERO 2020 CRD42020179807 Available from: https://www.crd.york.ac.uk/prospero/display_record.php?ID=CRD42020179807
- P5. Crack LC, Doyle Baker PK (2020, Aug. 19). Stress levels in university/college female students at the start of the academic year *Journal of American College Health* Online <https://doi.org/10.1080/07448481.2020.1803880>
- P6. Doyle Baker PK, Emery CA. (2020 April). Self-reported physical activity, injury and illness in Canadian Adolescent ski racers. *Frontiers in Sports and Active Living* (32) 1-11. doi:10.3389/fspor.2020.00032
- P7. McCormack GR, Frehlich L, Blackstaffe A, Chowdhury Doyle Baker PK. (2020, Jan.). Active and fit communities. Associations between neighborhood walkability and health-related fitness in adults. *Int J Environ Res Public Health*, 17(1131):1-13. <https://www.mdpi.com/1660-4601/17/4/1131/pdf>
- P8. Mattu AT, Iannetta D, MacInnis M, Doyle Baker PK, Murias JM. (2020). Effects of the menstrual and oral contraceptive cycle phases on microvascular reperfusion. *Experimental Physiology* 105:184-191. <https://doi.org/10.1113/ep088135>
- P9. Doyle Baker PK, Kashlubak, Clark M, Fung T, Emery C. (2020) The effects of pre-season neuromuscular training on balance and strength in U14 Canadian alpine skiers. In (Ed M Karczewski, Lindinger, A Hakkarainen, Vesa Linnamo, S Lindinger), *Science and Skiing VIII* University of Jyväskylä, Finland. pp. 56-63.
- P10. Emery CA, van den Berg C, Richmond SA, Palumbo L, McKay C, Doyle Baker PK, McKinlay M, Toomey CM, Nettel Aguirre A, Verhagen E, Finch C, MacPherson A, Hagel B. (2019, Dec. 10). Implementing a School Prevention Program to Reduce Injuries through Neuromuscular Training (iSPRINT): A cluster randomized controlled trial (RCT) *British Journal of Sports Medicine* [10.1136/bjsports-2019-101117](https://doi.org/10.1136/bjsports-2019-101117) [Published Online First].

- P11. Mattu AT, Iannetta D, MacInnis M, Doyle Baker PK, Murias JM. (2019). Menstrual and oral contraceptive cycle phases do not affect maximal and submaximal exercise. *Scandinavian Journal of Medicine and Science in Sports*. 00:1-13. [https:// doi.org/10.1111/sms.13590](https://doi.org/10.1111/sms.13590)
- P12. Ravé G, Zouhal H, Boulosa D, Doyle Baker PK, Saeidi A, Abderrajman B, Fortrat, JL. (2019, July). Heart rate variability is correlated with perceived physical fitness in elite soccer players. *Journal of Human Kinetics*. Ahead of print. DOI: [10.2478/hukin-2019-0103](https://doi.org/10.2478/hukin-2019-0103)
- P13. Doyle Baker PK, Wray HE (2019, Aug. 12). Exploring the occupational physical activity levels in young adult restaurant servers. *International Journal of Nutrition* 4(3): 20-28. DOI: 10.14302/issn.2379-7835.ijn-19-2968
- P14. Walker A, Doyle Baker PK (2019, April 26). Promoting and Strengthening Public Health Through Undergraduate Education. *CJPH Special Edition* 10(3):327-330. Online doi: [10.17269/s41997-019-00217-0](https://doi.org/10.17269/s41997-019-00217-0)
- P15. Kokts RL, Minichiello NR, Doyle Baker PK (2019, May 7). The effect of the menstrual cycle on daily measures of heart rate variability in athletic women. *Journal of Psychophysiology* 31: 19. <https://doi.org/10.1027/0269-8803/a000237>
- P16. Amosun SL, Doyle Baker PK (2019, March.) What can South Africa learn from Canada's investment in Active Healthy Aging? A Narrative Review. *Malawi Medical Journal*, 31(1):4.
- P17. Whittaker JL, Toomey C, Nette-Aguirre A, Doyle Baker PK, Jeremko J, Emery CA. (2019, Feb.) Health Related Outcomes After a Youth Sports Related Knee Injury. *Med Sci Sports Exerc* 51(2):255-263. doi:10.1249/MSS.0000000000001787. 5-year Impact Factor (IF) 4.459
- P18. Doyle Baker PK, Verge KM, McClelland L, Fung T. (2018, Nov.) First Year University Students Self Reported Health Outcomes Over an Academic Semester. *Journal of Behaviour Therapy and Mental Health* 1(1):21-29 DOI: 10.14302/issn.2474-9273.jbtm-18-2348
- P19. Salvo G, Alashewicz BM, Doyle Baker PK, McCormack G. (2018, Nov.). A mixed methods study on the barriers and facilitators of physical activity associated with residential relocation. *Journal of Environmental and Public Health* 12 pages ID:1094812. doi: 10.1155/2018/1094812. eCollection 2018.
- P20. Blake TA, Doyle Baker PK, Brooks B, Palacio Derflinger L, Emery CA. (2018, September) Physical Activity and Concussion Risk in Youth Ice Hockey Players: a pooled prospective injury surveillance cohort from Canada. *BMJ Open* 2018 8(9): e022735. doi: 10.1136/bmjopen-2018-022735.
- P21. Ladle A, Galpern P, Doyle Baker PK (2018, July) Measuring the use of green space with urban Resource Selection Functions: an application using smartphone GPS location. *Landscape and Urban Planning* 179: 107 - 115. <https://doi.org/10.1016/j.landurbplan.2018.07.012>
- P22. Salvo G, Alashewicz BM, Doyle Baker PK & McCormack GR. (2018, May 2). Neighbourhood Built Environment Influences on Physical Activity among Adults: A Systematized Review of Qualitative Evidence. *International Journal of Environmental Research and Public Health* 15(5). pii: E897. doi: 10.3390/ijerph15050897.
- P23. Galpern P, Ladle A, Alaniz Uribe E, Sandalac BA, Doyle Baker PK (2018, April). Assessing urban connectivity using volunteered mobile phone GPS location. *Applied Geography*, 93:346. <https://doi.org/10.1016/j.apgeog.2018.02.009>
- P24. George MA, McLay KM, Doyle Baker PK, Reimer RA and Murias JM. (2018, Mar.). Fitness level and not aging per se, determines oxygen uptake kinetics response. *Frontiers in Physiology* 9(277). doi:10.3389/fphys.2018.00277 IF: 4.134
- P25. Doyle Baker PK, McLean LP & Fung T. (2018). Female athlete triad probable but difficult to confirm in female ice hockey players. *Annales Kinesiologiae* 8(2), 69-92. Retrieved from <http://ojs.zrs-kp.si/index.php/AK/article/view/153>

- P26. Stewart A, Vanderkooij O, Reimer R, **Doyle Baker PK** (2018, Aug.) Immune Response in Highly Active Young Men to the 2014/15 Seasonal Influenza Vaccine *Appl. Physiol. Nutr. Metab.* 43(8):769-774. doi: 10.1139/apnm - 2017-0683. Epub 2018 Feb 26
- P27. Ezzat AM, Whittaker JL, Toomey **Doyle Baker PK**, Brussoni M, Emery CA. (2018). Knee confidence in youth and young adults at risk of posttraumatic osteoarthritis 3-10 years following intraarticular knee injury *Journal of Science and Medicine in Sport* 27(7):671-675. <https://doi.org/10.1016/j.jsams.2017.11.012>
- P28. Nogueira Soares R, Reimer RR, Alenezi **Doyle Baker PK**, Murias JM. (2018, Jan.). Nearinfrared spectroscopy detected differences in vascular responsiveness to a hyperglycemic challenge in individuals with obesity compared to normal weight. *Diabetes and Vascular Disease Research* 15(1):55-63 DOI:1479164117731481. IF: 3.417
- P29. Jordan M, **Doyle Baker P**, Heard M, Aagaard P, and Herzog W. (2017, Dec.) ACL injury/reinjury in alpine ski racing: considerations for neuromuscular assessment and training. (Ed. E. Mueller J. Kroll, S Lindinger, J. Pfusterschmied, T. Stoggl) *Science and Skiing* Austria: Meyer & Meyer Sport, Salzburg Austria Pp. 135-141.
- P30. Christie MP, **Doyle Baker PK**, Clark M. (2017, Dec.). Injury surveillance of U14 alpine racers in a Southern Alberta ski club: Feasibility study with preliminary injury incidence. (Ed. E. Mueller J. Kroll, S Lindinger, J. Pfusterschmied, T. Stoggl) *Science and Skiing* Meyer and Meyer, Salzburg Austria Pp. 60-68.
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- AB35. Doyle Baker PK, Lautermilch JL ((2014, Oct.). CIS Athletes' Influenza A Vaccination Knowledge, Attitude and Practice in Calgary, Alberta. APNM, V39 S14.
- AB36. Nettleton JE, Campkin LM, Doyle Baker PK (2014, Oct.). Diagnosing physical inactivity and referring patients to exercise professionals: the way of the future. APNM, V39 S34.
- AB37. van den Berg C, Doyle Baker PK. (2014 Oct.) A scoping review of two field test predictors of lower body muscular explosive strength in adolescent youth. APNM, V39 S47.
- AB38. Doyle Baker PK, Ghali B (2014 Sept.) The Association of Vitamin D Deficiency and Inflammation Biomarkers' Levels in Overweight/Obese Children. The 5th Conference on Recent Advances in the Prevention and Management of Childhood and Adolescent Obesity: Time to Focus on Strengths: Addressing Obesity in Indigenous Youth.
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- AB44. Stewart A Doyle Baker PK (Sept. 2013). A Review and assessment of Immunization Rates in College and University Students: Does this population warrant an intervention. *AP (S1)*:1082.
- AB45. Doyle Baker PK, Hildebrandt E, Lunz A (Sept. 2013). Ice hockey parent and coach knowledge and awareness of vitamin D and their behaviours towards sunlight in Calgary, Alberta. *Applied Physiology, Nutrition and Metabolism*, 38(S1).
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- AB48. Doyle Baker PK, Reinbold SR (2012, Sept.). Dancing in the streets: Why youth embrace alternative physical activities for health benefits. *Applied Physiology, Nutrition and Metabolism* 37(S1).
- AB49. Doyle Baker PK, Pittman L, Karlos A, Hauer T. (2012, July) Cardiovascular disease prevention and increased awareness for metabolic risk in an intervention program for working Albertan women.
- AB50. Toohy AM, McCormack GR, Adams C, Doyle Baker PK, Rock MJ. (2012, April 26-29). Neighbourhoods, sense of community, dogs and walking: an exploration of associations relevant to aging in place informed by critical social theory. American Occupational Therapy Association (AOTA) annual meeting in Indianapolis, IN. accepted
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- AB52. Doyle Baker PK, Farrier M, Keeler N. (2011, July). Non-alcoholic fatty liver disease patient's attitudes and beliefs regarding physical activity: a qualitative perspective. *APNM*, S313.
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- AB61. Richmond SA, Emery CA, Doyle Baker PK, Nettel Aguirre A. (2010). Sport Injury and Obesity Prevention through a High Intensity Neuromuscular Training Program in a Junior High School Setting. *Clin J Sport Med*; 20 (3): 228. Canadian Academy of Sport Medicine/Symposium on Injury Prevention in Toronto).
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- AB70. Doyle Baker PK, Venner AA, Landis P & Murynka T (2008). Journaling Evaluating the Fitness Instructor's Experience of an Exercise Intervention Program in Overweight and Obese Children. *MJSE* 40(5) S464. DOI: [10.1249/01.mss.0000322971.18585.c5](https://doi.org/10.1249/01.mss.0000322971.18585.c5)
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- AB73. Doyle Baker PK, Danson EP, Petersen JP, Spilchak P, Stewart JK. (2006, Nov). Activity Levels and Intent to Exercise in Arthritic Individuals: A Review of the TRYM GYM Program. *Applied Physiology, Nutrition, and Metabolism* 3(7) Suppl.
- AB74. Doyle Baker PK, Nelson S & Venner AA (2006, Nov). Does mechanical strain and vibration load affect BMD in young female athletes: A pilot study. *Applied Physiology, Nutrition, and Metabolism* 31(7)S.
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- AB78. Doyle Baker PK, Venner AA & Lyon ME (2005 Oct). Establishing the Optimal Human Leptin ELISA Kit. *Obesity Research* 13: A116.
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- AB80. Wray HE & Doyle Baker, PK (2005, Oct). Energy Expenditure of Young Adult Restaurant Servers: A Pilot Study. *Canadian Journal of Applied Physiology*, 30 suppl., 86.
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- AB82. Potestio M, McLaren L, Robinson Mollman AR, Doyle Baker, PK (2005 Oct). Childhood Obesity: Perceptions Held By the Public in Calgary, Canada. *Obesity Research* 13: A094
- AB83. Lambert JE, Doyle Baker PK, & Mannion CA. (2004) Calcium knowledge and dietary calcium intake of female university students. *Canadian Journal of Applied Exercise Physiology*, Vol 29: S61.
- AB84. Ludwig A & Doyle Baker PK (2004). Assessment of Calgary Elementary Physical Education Programs. *Canadian Journal of Applied Exercise Physiology*, Vol 29: S63.
- AB85. Katz L, Doyle Baker PK, Poryt, MC, & Samuels M. (2004) Utilizing Personalized Education Plans to Facilitate Fitness Education & Development in an Elementary School Environment. *Obesity Research* 12: A093.
- AB86. Doyle Baker PK, Kolody AD, Sandalack BA (2004). Pedestrian Travel: Walkable Neighbourhoods. *Medicine & Science in Sports & Exercise*, 36:5: S77. DOI: [10.1097/00005768-200405001-00366](https://doi.org/10.1097/00005768-200405001-00366)
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- AB89. Fagan CD, Doyle Baker PK (2002, Sept). The effects of maximum strength and power training combined with plyometrics on athletic performance. *Coaching Science Abstracts*, 8(1).

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- AB94. **Doyle Baker PK**, Martin L, Kenedee R. (2002). Predicting Exercise Intention in Lupus Patients Using The Theory of Planned Behavior. *Journal of Rheumatology*(29):1596.
- AB95. **Doyle Baker PK**, Martin L, Lee J, Neish C, Krick E. (200) Leisure Time Exercise in Fibromyalgia Patients. *Journal of Rheumatology*28(6).
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- AB98. **Doyle Baker PK**, Harris V, Flynn A, Mouat A. (2001). Health Status, Exercise Habits, and Knowledge of The Female Triad in University Dance Majors. *Medicine & Science In Sports & Exercise*, 33(5):10.1097/00005768 -200105001 -01605
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- AB102. **Doyle Baker PK**, **MacDonald LP** (2000). Positional Variance in Physiological Parameters for Female Outdoor Soccer Players. *Medicine & Science in Sports & Exercise*. 32:(5)S180.
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- AB105. **Doyle Baker PK**, **Cederberg M**, **Paskevich D** (2000). An Analysis of Structured Versus Lifestyle Oriented Activity and Its Impact On Fitness And Self Efficacy. *Medicine & Science in Sports & Exercise*. 32:(5)S 140.
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- AB119. **MacDonald LP, Groeneveld, S, Doyle Baker, PK.** (1999). Intra and Inter-PLFC Tester Differences in Fitness Measurements. Canadian Journal of Applied Physiology, (24)S.
- AB120. **MacDonald LP, Doyle Baker PK, Drysdale K.** (1999). Positional Variance in Female Indoor Soccer. Canadian Journal of Applied Physiology, (24)S.
- AB121. **Cameron TL, Doyle Baker PK, Maitland, M.** (1999). Ligament Laxity and Back Pain during Pregnancy. Canadian Journal of Applied Physiology, (24)S.
- AB122. **Doyle Baker PK, Martin L, Lee J, Neish C.** (1999). Fibromyalgia Syndrome Patient's Intention to Exercise: Application of The Theory of Planned Behaviour. Arthritis & Rheumatism, 42(9):899.
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- AB130. **Fagan CD, Wagner OT, Doyle Baker, PK** (1997). Determinants of Skill Level in Female and Male Ice Hockey Players. Canadian Journal of Applied Physiology, (22) suppl. 16p.
- AB131. **Doyle Baker PK, Wasylak T.** (1998). The Use of the 1500M Run to Monitor VO₂max. Changes in the Canadian Women's National Field Team. Canadian Journal of Applied Physiology, (23)5:477.
- AB132. **McCarthy SM, Doyle Baker PK.** (1997, May). Determination of Novel Field Test for Cross Country Mountain Bike Racers. Medicine and Science in Sports and Exercise. 29(5): 1281.
- AB133. **Krahn T, Doyle Baker PK** (1995). Energy Expenditure of Fitness Instructors during Slideboard Training at Different Board Lengths and Cadences. Canadian Journal of Applied Physiology, (20) suppl: 29S.

Publications- Oral Presentations (OP)

- OP1. **McCormack GR, Frehlich L, Blackstaffe A, Turin Chowdury, Doyle Baker PK.** (2020, May). Physical Fitness And Neighborhood Design Walkability, Cardiorespiratory Fitness, Muscular Strength, And Flexibility In Adults. Annual meeting of ACSM conference. San Francisco, USA.
- OP2. **Emery CA, Van den Berg C, Richmond S, Palacios Derflingher L, Doyle Baker PK, McKinlay M, Toomey C, Nettel Aguirre A, Verhager E, Belton K, MacPherson A, Hagel B.** (2020, March). Implementing a School Prevention Program to Reduce Injuries through Neuromuscular Training (iSPRINT): A cluster randomized controlled trial. IOC World Conference on Prevention of Injury & Illness in Sports. Monaco.
- OP3. **Crack LE, Stokes RE, Lebrun, Doyle Baker PK** (2019, Nov.). CHESS: Changes in Hormones with Exposure to Student Stress. Proceedings of the Canadian Society for Exercise Physiology 52nd Annual General Meeting, Kelowna BC.
- OP4. **Mattu AT, Iannetta D, Doyle Baker PK, Murias JM.** (2019, Nov). Oxygen uptake kinetics during the different phases of the menstrual and oral contraceptive cycles. Proceedings of the Canadian Society for Exercise Physiology 52nd Annual General Meeting, Kelowna BC.
- OP5. **Mattu AT, Iannetta D, Doyle Baker PK, Murias JM.** (2019, May). Oxygen uptake kinetics during the different phases of the menstrual and oral contraceptive cycles. 2019 ACSM Conference, Orlando, Florida.
- OP6. **Emery C, van den Berg C, Richmond S, Palacios Derflingher L, Nettel Aguirre A, Megan McKinlay M, Doyle Baker P, Hagel B.** (2019, May 16) A school based neuromuscular training warm up program is effective in preventing all injuries: The iSPRINT cluster randomized controlled trial. CASM/QMS Sport Medicine Conference, Vancouver, BC.

- OP7. **Crack LE, Doyle Baker PK, Stokes RE, Lebrun C** (2019, Nov.). Changes in Hormone levels with Exposure to Student Stress: The CHESS pilot study. Proceedings of the 24 annual Congress of the European College of Sport Science (ECSS). PRAGUE.
- OP8. **Stokes RE, Crack LE, Fung Doyle Baker PK.** (2019). The effect of stress on heart rate variability in female undergraduate students over an academic year. *Research Revealed*. University of Lethbridge, AB.
- OP9. **Sobchuk K, VanDerVeeken T, Fung Doyle Baker PK.** (2019, April). A pilot study investigating the effects of an educational intervention on osteoporosis knowledge, beliefs, and behaviours in older women who row. *Research Revealed* University of Lethbridge, AB.
- OP10. **Doyle Baker PK, Kashluba K, Clark M.** (2019, March 11). The Base Study Results In U14 Canadian Alpine Ski Racers. International Congress in Sport Science and Skiing, Heliski, Finland.
- OP11. **Doyle Baker PK, Kokts Porietis RL, VanDerVeeken, Tand Fung T.** (2018, Nov. 21). Exploratory Study on Bone Mineral Density in Women Rowers Before and After Water Season. Nov 2018 World Rowing Sport Medicine and Sport Science Conference, Berlin Germany.
- OP12. **Doyle Baker PK, Kokts R, Minichiello N** (2018, Oct. 31). Sex hormone effects in women cyclists on RER and Power Output. Proceedings of the Canadian Society for Exercise Physiology 51st Annual General Meeting in Motion, Science in Exercise Sheraton on the Falls, Niagara Falls, Ontario, Canada.
- OP13. **Doyle Baker PK, Kokts Porietis, RK, Minichiello N.** (2018, July 7). Heart rate variability changes during the menstrual cycle phases of athletic women. European Congress of Sport Science. Dublin Ireland.
- OP14. **Emery CE, Van den Berg C, Richmond SA, Palacios Derflinger L, Alberto Netto Aguirre A, McKinlay M, Doyle Baker PK, & Hagel B.** (2018, June). A school based program to reduce injuries through neuromuscular training: iSPRINT a cluster randomized controlled trial. Canadian Academy of Sport and Exercise Medicine Conference, Halifax, NS.
- OP15. **Kashluba K, Doyle Baker PK, Clark M, Tak Fung J, & Carolyn Emery** (2018, June). An Intervention Program Designed to Improve Balance and Power Acquisition in U14 Alpine Ski Racers (BASE Guard). Canadian Academy of Sport and Exercise Medicine Conference, Halifax, NS.
- OP16. **Kokts Porietis RK, Minichiello N, Doyle Baker PK** (2018, March 16). A change of heart for the menstrual cycle. *Research Revealed Undergraduate Research Forum* University of Calgary, Alberta.
- OP17. **Grewal EK, Kashluba K, McClelland L, Nguyen TH, Jones Doyle Baker PK** (2018, Feb.) Investigation of kids' steps in the summer at university camps (KiSS UC) over three years. *Active Living Research Conference 2018*, Banff, AB.
- OP18. **Blake TA, Meeuwisse M, Doyle Baker PK, Emery CA.** (2017, Nov.) When public health and sport injury prevention meet: The relationship between physical activity volume and concussion risk in male youth ice hockey players. *Physical Therapy in Sport* 28:e22. DOI: 10.1016/j.ptsp.2017.08.066
- OP19. **Alaniz Uribe F, Sandalack B, McCormack GR, Doyle Baker PK, Shiell A.** (2017 Oct.). Walkability Makeover for Suburbia: retrofitting Calgary's suburbs, an economic evaluation. *Walk21 Conference* Calgary AB. DOI: [10.1016/j.jth.2017.11.090](https://doi.org/10.1016/j.jth.2017.11.090)
- OP20. **Salvo G, Lashewicz B, Doyle Baker PK, McCormack GR.** (2017, Oct.) A mixed methods study of changes in physical activity following residential relocation. *Walk21 Conference* Calgary AB.
- OP21. **Ezzat A, Whittaker J, Brussoni M, Toomey C, Doyle Baker PK, Emery C.** (2017, June 2). Knee Confidence in Youth and Young Adults-30 years following Knee Injury: A Mixed Methods Approach. *ABC Faculty of Medicine Clinician Investigator Program Annual Research Day* Vancouver BC.
- OP22. **Salvo G, Lashewicz B, Doyle Baker PK, McCormack G.** (2017, June) Barriers and supports to physical activity in adults following residential relocation: a mixed methods study. *CPHA* Halifax.
- OP23. **Doyle Baker PK, Mclean L** (2017 May 10-14). Female Athlete Triad: probable but difficult to confirm in elite female ice hockey players. *8th International Scientific Conference On Kinesiology* Rijeka, Croatia.
- OP24. **Grewal E, Doyle Baker PK** (2017, May 2-3). "Student's voices give rise to curriculum committee review." University of Calgary Conference on Postsecondary Learning and Teaching, Calgary Alberta.
- OP25. **Jordan M, Heard M, Doyle Baker P, Aagaard P, Herzog W.** (2016, Dec). Associated Pathology and Asymmetry in ACL Reconstructed Alpine Racers. ICSS, Austria.
- OP26. **Grewal EK, Doyle Baker PK** (2016, Oct). Students' perspective on the inclusion of public health content in the Faculty of Kinesiology. *International Forum on Public Health Education* University of Alberta, Edm., AB.
- OP27. **Doyle Baker PK** (2016, Sept. 22). Biomarkers associated with an exercise intervention program. *Obesity Summit 2016*, Los Angeles, USA.
- OP28. **Doyle Baker PK, Smith L, Smith B, Christie M, Jones L** (2016, May 9). An Investigation of Kids' Steps in the Summer at University Camps (KiSS UC). *Annual International Symposium on Leisure & Recreation* Athens, Greece

- OP29. Mitra T, Smith L, LaM, van den Berg, **Doyle Baker PK**. (2016, Mar. 11) Baseline step counts in 1st year university students enrolled in the R.E.C.E.S.S. study. *Crossroads Interdisciplinary Health Research Conference* Dalhousie University, Halifax NS.
- OP30. Smith L, Smith B, Christie M, Jones L, **Doyle Baker PK** (2016, Mar. 11) How many steps do kids walk when in enrolled in a summer camp? *Crossroads Interdisciplinary Health Research Conference* Dalhousie University, Halifax NS.
- OP31. Christie M, **Doyle Baker PK** (2016, Mar. 11) Evaluating hamstring muscle strength bilateral asymmetry in an alpine ski racer one year after anterior cruciate ligament reconstruction: a pilot study. *Crossroads Interdisciplinary Health Research Conference* Dalhousie University, Halifax NS.
- OP32. Verge K, Macqueen G, Fung, **Doyle Baker PK** (2015, Sept.) RECESS study results on Mental Health Changes in 1st year university students. *Campus Alberta Student Conference on Health*, Banff AB.
- OP33. Verge, K, Macqueen, G, **Doyle Baker PK** (2015, June 24). The relationship between depression and physical activity in undergraduate university students. *International Conference on Health Promoting Universities and Colleges: 10 Years after the Edmonton Charter*. Kelowna
- OP34. Lautermilch J, **Doyle Baker PK**. (2014, Oct. 15th). The athlete and the flu vaccine: melodrama, common sense or ignorance? *Australian Conference of Science and Medicine in Sport*, Canberra, Australia.
- OP35. Verge K, **Doyle Baker PK** (2014, Sept 5th). Using physical activity to reduce depression in university students: A scoping review. *Campus Alberta Student Conference on Health*, Banff AB
- OP36. **Doyle Baker, PK**. (2014, May 13th). We have a story to tell you: *a strategy* for empowering student health. *The 2014 University of Calgary Conference on Postsecondary Learning and Teaching* University of Calgary, AB.
- OP37. **Doyle Baker, PK**. (2014, May 13th). **Using Targeted Discussions and Weekly Quizzes To Drive Student Success That They Can Measure!** *The 2014 University of Calgary Conference on Postsecondary Learning and Teaching* University of Calgary, AB.
- OP38. **Doyle Baker PK**, Rowe K, Stewart A. (2013, Dec. 21st). Parents and Coaches' Expectations and Beliefs Regarding the Outcomes and Benefits of an Entry-Level Alpine Youth Race Program. *6th International Congress on Science and Skiing*, Salzburg Austria.
- OP39. **Doyle Baker PK**. (2013, Oct 2nd). Social Observation of Urban Activity: Lessons from China in utilizing public space. *2013 International Wellness Symposium*, Lake Louise, AB.
- OP40. **Doyle Baker, PK** (2013, May 20-22). Reversing metabolic dysfunction in children: what is the best biomarker or biosensor. *3rd World Congress of Endocrinology*, Xian, China
- OP41. **Doyle Baker PK**, Hildebrandt E, Lunz A. (2013, Feb.). Knowledge Level of Vitamin D awareness and behaviors toward sunlight among 'Arena Dwellers' living in Calgary AB. *Pan Pacific Conference of Medicine and Science in Sport*. Honolulu, Hawaii.
- OP42. Toohy A, McCormack, G, **Doyle Baker, PK**, Adams, C, Rock, M. (2012 Oct. 27-31). Dog-walking and sense of community in neighborhoods: Insights for promoting regular physical activity in older adults. *140th APHA Annual Meeting*. San Francisco, CA
- OP43. Reinbold SR, **Doyle Baker PK** (2012, Sept.). A comparative investigation into the energy expenditure associated with different dance types in university populations. *AGM CSEP*, Regina, Sask.
- OP44. McCormack GR, Friedenreich C, Shiell A, Giles-Corti B, & **Doyle Baker PK** (2012, June). *The relationship between cluster-analysis derived walkability and neighbourhood-based recreational and transportation walking among Canadian adults* *Canadian Public Health Association Annual meeting*, AB.
- OP45. **Doyle Baker PK**, Keeler N, Farrier M, Raman M, Lee S. (2012, February 8-10). Do we need the services of an exercise whisperer for exercise research in chronic disease populations? *CDPAC Fourth Pan-Canadian Conference Integrated Chronic Disease Prevention: It Works!* Ottawa, Ont.
- OP46. Tennant G, **Doyle Baker PK**. (2012, February 8-10). An After-School Physical Activity Program for Obesity Prevention in Children: The Active Y Kids Initiative. *CDPAC Fourth Pan-Canadian Conference Integrated Chronic Disease Prevention: It Works!* Ottawa, Ont
- OP47. **Doyle Baker PK**, Farrier M, Keeler N. (2011, Oct.). Non-alcoholic fatty liver disease patient's attitudes and beliefs regarding physical activity: a qualitative perspective. *Annual Meeting CSEP, QC, Quebec*
- OP48. Tennant G, **Doyle Baker PK** (2011, June). After-School Physical Activity Program for Obesity Prevention in Children: The Active Y Kids initiative. *Improving Health for Children Conference 2011, Saskatoon, Sask.*
- OP49. Richmond S, Emery CA, **Doyle Baker PK**, Nettel-Aguirre A. (2011, April 7-9). Preventing lower extremity sport injury through a high intensity neuromuscular training program in a junior high school setting. *IOC World Conference on Prevention of Injury and Illness in Sport*, Monte-Carlo, Principality of Monaco.
- OP50. **Doyle Baker PK** (2011, March). iExercise: connecting childhood obesity with inflammation and injury. *Retreat/Research Day for IMCH Injury Prevention Group*, Alberta Children's Hospital Calgary Alberta.

- OP51. Lawrence K, Doyle Baker PK (2011, March). Understanding the lived experiences of young female athletes undergoing rehabilitation following a knee injury. *Retreat/Research Day for IMCH Injury Prevention Group*, Alberta Children's Hospital Calgary Alberta.
- OP52. Lawrence KJ, Doyle Baker PK (2011, Jan.) Understanding the lived experiences of females undergoing rehabilitation after a knee injury. *Pacific Conference of Medicine and Science in Sport*, Hawaii, USA.
- OP53. Farrier M, Doyle Baker PK, (2011, March). Non-alcoholic fatty liver disease patient's attitudes and beliefs regarding physical activity: a qualitative perspective. U of Calgary. Dept of Medicine. Section of Gastroenterology - Section Rounds Presentations.
- OP54. Doyle Baker PK Collins E. & Lawrence K. (2010, Dec.). Female Alpine Racers Lived Experiences Of Anterior Cruciate Ligament Injury And Return To Skiing. 5th International Congress on Science and Skiing, Salzburg Austria.
- OP55. Richmond SA, Emery CA, Doyle Baker PK & Nettel-Aguirre A (2010, June 9). The effectiveness of a neuromuscular training warm-up program in reducing the risk of injury in sport-specific and school-based settings. Sport Injury Prevention Research Centre, University of Calgary and Canadian Academy of Sport Medicine Injury Prevention in Sport Symposium Toronto, Ontario.
- OP56. McCormack GR, Shiell A, Friedenreich C, Doyle Baker PK, & Sandalack B. (2009 June 7-10). *Seasonal variations in physical activity participation among Calgarian adults*. *Canadian Public Health Association (CPHA) Annual Conference*, Winnipeg, Manitoba.
- OP57. Venner AA, Doyle Baker PK, & Lyon ME. (2008, November 13-16). Leptin, Adiponectin and Percent Fat Mass Favourably Change in Overweight/ Obese Children Participating in a Health Intervention Programme. *International Conference of Childhood Obesity 2008*, Chinese University of Hong Kong, Shatin, Hong Kong.
- OP58. Doyle Baker PK (2008, Oct. 31). What is the lipid profile of Count Dracula? *University of Calgary Canadian Obesity Network - Student and New Professionals* local chapter.
- OP59. McCormack G, John Spence J, Tanya Berry T, Doyle Baker PK (2008, June). The Role Of Perceived Behavioural Control In The Association Between Self-Reported Neighbourhood Walkability And Leisure-Time Physical Activity *International Society Behaviour Nutrition Physical activity*, Banff.
- OP60. Zahavich J & Doyle Baker, PK (2008, June 5th). Building a Gateway to College Health: Lessons and Findings *Student Obesity Network Conference*, Laval Quebec.
- OP61. Nolan MM, Doyle Baker PK, & Sandalack BA (2008, May). Does Neighbourhood Design Impact Children's Ability to Access Spaces for Informal Play and Activity? *ACSM 55th Annual Meeting*, Indianapolis, Indiana.
- OP62. McCormack G, Shiell A, Friedenreich C, Doyle Baker PK (2008, June 14). The Relationship between perceived neighbourhood walkability and neighbourhood specific walking among Calgarian adults: preliminary findings from the EcoEUFORIA project. *Canadian Public Health Association 2008 Annual Conference*, Halifax, NS.
- OP63. Petersen JA, Shiell A, Doyle Baker PK, Fry MJ (2008, June). *Cost effectiveness of the VERB physical activity awareness campaign*. *Canadian Public Health Association 2008 Annual Conference*, Halifax, NS.
- OP64. Doyle Baker PK. (2007, Sept 27th). The three piggies had it all wrong. Choosing a walkable neighbourhood. U. of C. Research on obesity from genes to neighborhoods. *Sponsored by Student and New Professionals of Can. Obesity Network*.
- OP65. Doyle Baker PK, Venner AA & Stewart JK (2007, Nov.). Tack & Field Master Athlete Evaluation: Baseline Nutritional Assessment. *Canadian Society of Exercise Physiology Annual Meeting*, Ontario.
- OP66. Doyle Baker PK (2007, Aug.). Contrasting Health and Athletic Performance in Female Ice Hockey Players. *Hokkaido Sapporo Universities*, Hokkaido, Japan.
- OP67. Doyle Baker PK, Petersen J, Lambert K, Beverly A. & Sandalack, BA. (2007, May). Neighbourhood Based Differences in Physical Activity and Liveability: The NUDGE Project. *ACSM 54th Annual Meeting*, New Orleans, Louisiana. 39:5, S32.
- OP68. Barnieh N, Doyle Baker PK & Jarrell J, (2006, May 12th). The Relationship between Physical Activity, Pain, and Health-Related Quality of Life in Women with Endometriosis. *Annual Clara Christie Research Day*. Dept. of OBGYN, Fac of Medicine. U of Calgary. AB. *Winner of undergrad student best presentation award.
- OP69. Wood S, Doyle Baker T, & Connors G. ((2006, May 12th). Maternal Anxiety and Spontaneous Preterm Birth in Twins and Triplets. *17th Annual Clara Christie Research Day*. Dept. of OBGYN, Fac. of Medicine. U of Calgary. AB.
- OP70. Cantell M, Doyle Baker PK, Crawford S, & Kaplan B. (2005, May 12th). An examination of motor coordination on Movement ABC 4+ in adults with different degrees of motor competence. *International Conference on Developmental Coordination Disorder, Trieste, Italy*
- OP71. Tennant G, Doyle Baker PK (2004). Attitudes Towards Compliance For Physical Activity In Older YMCA Members. *International conference Toward a New Perspective: From Ageing to Ageing Well*, Montreal, Canada.
- OP72. Doyle Baker PK (2003). Building a Bridge between the Art of Socializing and the Science of Training: Dragon Boat Racing. *Gender Research Symposium: Building Bridges. University of Calgary, AB.*

- OP73. **Doyle Baker PK** (2003 May 26-27). An Assessment of HIV/ AIDS related behaviours and Knowledge among Canadian University Students. *Association for Commonwealth Studies "The Health of the Commonwealth Conference"*. University of King's College, Halifax, Nova Scotia, Can.
- OP74. **Mannion C, & Doyle Baker PK** (2002). A Comparison of Anthropometric Measurements between Lactating and Non-lactating Women (2002). *3rd Annual Research Conference Transforming Healthcare through Research, Education & Technology, Dublin Ireland.*
- OP75. **Doyle Baker PK** (2001, Nov. 1-3). University Dance Majors Knowledge of The Female Triad Health Status and Exercise Habits. *11th Annual Meeting of the International Association for Dance Medicine and Science* de Henares, Spain.
- OP76. **Doyle Baker PK, Calvert SAG.** (2000). Opinions on Evidence Based Medicine among Obstetrician / Gynaecologists in Alberta: A Questionnaire. 69th Annual meeting RCPSC.
- OP77. **Doyle Baker PK.** (2000. April). The Flo-Jo Syndrome: Future Health Outcomes for the Greater Community but Not For Women Athletes. *Building Bridges: Creating an Integrated Approach to Women's Health* Victoria, B.C.
- OP78. **Doyle Baker PK & Thompson D.** (1991, April 17-20). *Sudden Death Injuries: What the Athletic Therapist should know before it happens*. International Congress and Exposition on Sports Medicine and Human performance, Vancouver B.C.

Conference Symposiums

- OP79. **Doyle Baker PK, Lebrun C, Thorton J.** (2020, Oct.). The devil is in the details" - Pearls and pitfalls in menstrual cycle research. Health and Performance for the Future Conference -CSEP. Fredericton, NB.
- OP80. Lebrun C, **Doyle Baker PK.** (2020, March). "Take my breath away": Asthma in female athletes and effects of reproductive hormones and strategies for screening and management. IOC World Conference on Prevention of Injury & Illness in Sport Monaco.
- OP81. **Doyle Baker PK, Lebrun C.,** (2017, March). The science of training thru the eyes of the menstrual cycle; Hormonal Cycle Phase Influence on Training Outcomes. Workshop -IOC World Conference on Prevention of Injury & Illness in Sport Monaco.

Technical Papers and Communications -contributor

1. Meadows LM, Thurston WE, Vollman A. (2005). Women's Health in Alberta: An Environmental Scan. Part of the project team. Funded by Health Canada.
2. Canadian Network of Public Health Associations Video. (2013). Return on Investment in Public Health in Canada. https://www.youtube.com/watch?v=TVZxtuZhN_M

Best Posters (PO) -contributor

- PO1. Carolyn Emery, Carla van den Berg C, Sarah Richmond, Luz Palacios-Derflingher, Carly McKay, **Patricia K Doyle Baker**, M McKinlay, Clodagh Toomey, A Nettel-Aguirre, Brent Hagel. Best Podium Presentation Award. 'Implementing a school prevention program to reduce injuries through neuromuscular training (isprint): a cluster-randomized controlled trial'. Third World Congress of Sport Physical Therapy, Vancouver, Canada, October 2019.

Part IV – Teaching

Undergraduate – Faculty of Kinesiology Teaching -Exercise and Health Physiology Major

Signature Courses

- **KNES 433 Health and Physical Activity (Principal Lecturer):** Focus' on individual-based health behaviours and their application to lifestyle diseases. The lab component involves completion of and analysis on: blood lipids, %BF, BP, Framingham Health Risk Appraisal, RR (relative risk) of top 8 health behaviours by age, 3-day dietary record, mortality index ([Life Expectancy](#)), and Genetics-Family Tree. (1988-92, 94-99 and 01-02, 04-17, 18-19 F and W). Note: this course has been adopted by several universities; most recently University of Prince Edward Island.

- **KNES 493 Epidemiology of Physical Activity (Principal Lecturer):** Examines epidemiologic perspective of chronic disease relationships through the application of population based research methods (1995-99, 01-02, 04-13, 16,17).

Co-Direct/Taught Courses

- **KNES 203 Activity: Health, Fitness and Performance** Sport sciences is a discipline that studies how the healthy human body works during exercise and how physical activity promotes health from cellular to whole body perspectives. A variety of theoretically supported activities (CSEP) to experience the benefits of exercise are included in the lab. Redeveloped the course (1999, 02-03), (Dr. Juan Murias is responsible for the and I instruct the winter semester. The course requires each instructor to supervisor and coordinate the labs for their teaching term 2002-03, 2014-15, 17W 19W, 20W
- **KNES 775 Clinical Exercise Testing** team taught (2003)
- **KNES 473 Exercise Physiology** (Dr. Dan Smith) 1995
- **PHED 504.72 Physical Exams** (Dr. Preston Wiley: 1991)

Previous Teaching and Course Development at Calgary

- **MDSC 528 Co-Taught Independent Studies in Health Sciences**, (2012).
- **KNES 477 Principles and Practices of Fitness Leadership (Principal Lecturer):** (1989-99).
- **KNES 479 Practices and Principles of Fitness Programming (Principal Lecturer):** (1990-95).
- **PHED 371 Scientific Basis of Prevention and Care of Athletic Injury (Principal Lecturer):** (1990-92).
- **PHED 431 Health Education in Elementary and Secondary Schools (Principal Lecturer):** (1989, 90-92, 97).
- **PHED 355 Growth and Development (Principal Lecturer):** (1990-91).

Sessional Teaching Other Institutions

- **HPRO 525 Maternal Health Through Diet and Exercise**, LLU, Loma Linda, California MAPH Option course (1995 summer).
- **HSCI 471 Health Promotion: Program Planning and Evaluation**, California State University, San Bernardino. (1993 spring).
- **HPRO 537 Community Programs Laboratory** (team taught). Community Needs Assessment (winter), Community Health Program Plan Development (Spring), Program Implementation and Evaluation LLU, Loma Linda, California. (1992 – 93 fall).
- **PHED 251 Exercise Physiology lab instruction** UICBC. (1985-86).

Physical Education Activities (PEAT)

UCalgary

- **PEAT 226 Strength Training** 14 sections, fall & winter (1989, 1996).
- **PEAT 228 Cardiovascular Training** 4 sections, fall; 1 section, spring (1989).
- **PEAT 501.84 & 501.85 Aerobic Dance Level 1 & 2**, fall and winter (1990)
- **PEAT 201 Basketball** (1989)

UVIC

- **Aerobics and Strength Training Classes**, 8 week sessions. Pathway Diploma Program Camosun College, BC., (1985)
- **PEAT 121 Fitness and Conditioning** UVIC BC., (1981)
- **PEAT 351 Water-based Sports** UVIC BC., (1980)
- **PEAT 105 Introduction Swimming** UVIC BC., (1980)

Guest Lectures

UCalgary

- **KNES 775 Exercise Testing** 2 lectures per term (1999, 2000-05, 15)
- **KNES 403 Health Promotion** -1 lecture (2011, 12)

- KNES 615 Seminar in Applied Exercise Physiology, 1 lecture (2009, 10, 11, 14)
- KNES 213 Introduction to Research in Kinesiology, 1 lecture (2006, 07, 08, 10, 11, 14)
- EVDS Block Course #010305 Empowering Movement, 1 lecture (2005)
- KNES 211 Self Leadership-1 lecture (2002)
- DANCE 235 Principles of Conditioning, 2 lectures (2001)
- KNES 673 Exercise Physiology, 1 lecture (1999)
- WMST 321 Women and Health-1 lecture (1990, 91)
- EDPS 641 Adolescence and Health Education, 2 lectures (1989)
- DCED 503.1 Special Topics in Dance Theory, 2 lectures (1998)

Loma Linda University

- AHCJ 558, Addictions, 1 lecture (1995)
- HPRO 524 Adolescent Health, 1 lecture (1995)

Continuing Education Courses Instructed

- Exercise is Medicine National Student Research and Medical Conference. Workshop for Physicians Title: *The role of an exercise specialists in chronic disease management* Calgary, AB. June 28, 2019.
- Practice Wise presentations on line Alberta Health Services Title: *Muscle fragility and strength importance in bone health* Calgary, AB. Aug. 24th 2018.
- Continuing Education One Day Health workshop (#FIF 605001), Title: *Chronic Disease and Your Health* University of Calgary, AB. May 7, 2016
- Continuing Education One Day Health workshop (#FIF 605001), Title: *Chronic Disease and Your Health* University of Calgary, AB. May 9, 2015
- Chronic Pain Symposium Richmond Diagnostics Centre, Calgary, AB. Title: *Therapeutic Benefits of Exercise (Rose Coloured Glasses, Pain, Pink Elephants, and Movement)* May 14, 2014.
- 38 Family Practice Review and Update Course, University of Calgary, AB. Title: *Exercise by the Decades* Nov. 18, 2013.
- Family Practice Review & Update Course University of Calgary, AB. November 28, 2013
- 30th Annual Calgary Therapeutics Course University of Calgary, AB. Title: *Using exercise as therapeutic to reduce the risk of chronic disease as we age* April 12, 2013.
- Finding Balance: Women's Event. Title: *Build it, Break it, Store It: A Closet Look at Osteoporosis* Red Deer College, May 5, 2007
- Lifestyles of the Elderly, (Gle01 #21902). Jan. 22, Mar. 25 1992
- Be Ready for Retirement (Con't Ed #22401, 22305, 12402): Fitness section, 9 lectures. 1989-92
- Fitness for seniors: Dancing, diet, walking, talking and eating. Spring 1990

Co-Instruct

- Lifestyles of the Elderly, (Gle01; # 82905). Sept. 22 1991
- Fat Metabolism and exercise prescription, (#63814): Sept. 19, 1995
- An introductory to running a marathon course, (#22001): "Running Injuries". 1991

Professional Development and Teaching Advancement

- Women in Academic Leadership (WIAL) 5-day Residency program (CHERD) U. of Man 2018
- Para and Adaptive Sport Medicine Course (one day), Halifax, NS 2018
- Effectiveness in the Academy (7 sessions) Personal Leadership for Career Productivity 2016
- Franklin Covey Course (7-session)-7 Habits of Leadership Development Training 2009
- Taylor Institute for Teaching and Learning: D2L Learning Essentials (2 hrs). 2014
- Blackboard Essentials, University of Calgary Teaching and Learning Committee (2 hrs) 2008
- Media Training (one day workshop) 2001

Part V – Service

UCalgary -Committee Member

- Appointed -Occupational Health and Safety committee 2019-20
- Appointed -Tenure Appeal Committee and voting academic staff members 2018-19
- Appointed GFC -General Merit Committee 2015-19
- Provost Appointment -J.E. Child Rheumatology Chair search/ selection/ review 2006-19
- General Faculty Council (GFC)- representative KNES 2013-17
- Review -Dean KNES 2016
- Human Dynamics -"Thought Leaders" (Eyes High Challenge) 2014-16
- Building communities that create health -CMOH Alberta 2014-16
- Appointed GFC -Selection Dean Social Work 2014
- ACHRI -Community Prevention for Childhood Obesity 2005-19
- Population Health Intervention Research Centre 2008-13
- Calgary Institute for Population and Public Health (CIPPH) 2008-13
- Assessor -Medical School Applicants 2007-14
- Academic Awards Committee (AAC) 2007-09
- Institute for Gender and Health 2007-09
- CIHR Brainstorming Group: Seeking Directions in Gender and Health 2000-01, 09
- KNES Representative for Asso. Dean -Health Faculties meeting 2006
- Tenure Review Committee Fac. of Continuing Education 2000, 03, 11
- Fac. of Continuing Education Council 2002, 03-04
- Partnership in Women's Health Graduate Studies Group 1994, 03
- Selection -Dean Nursing 2001
- Faculty of Nursing Council 1998-02
- TUCFA Council 1996-98, 02-04
- University Research and Grants Committee 1999-01
- Health Promotion/ Health Education Task Force 1997
- Inter-Faculty Advisory Group (SW, NURS, KNES, ED, REHAB, GenS) 1997
- Women's Health Research Group – Calgary Coalition 1996
- Consultant -Library Administrative Services, Repetitive Strain Injury Committee 1995
- Faculty of Humanities Council Committee 1993-94
- Faculty of General Studies, Student Appeals Committee 1990-94
- Framework Committee Institute for Health Promotion Office of Med Educ. 1991-93
- Student Representative -Loma Linda University Appeals Committee 1992-93
- Consultant -Medical Information Services 1992
- Faculty of Nursing Council Committee 1990-02
- Safety Committee 1989-90

Kinesiology

- Faculty Merit Committee 2019-20
- Graduate Research Scholarship Committee 2019-20
- Tenure and Promotion Committee 2006-08, 18-20
- Graduate Education and Program Review Committee 2018-19
- Exercise Physiology Curriculum Review 2018-20
- Chair-Student Appeals Committee 1989-93, 16-18
- MKIN Steering Committee 2004-19
- Selection Committee-Exercise and Health Physiology 2018, 20
- Selection Committee-Injury Prevention, Sport Medicine and Rehabilitation 2015-18, 20

- Selection Committee Biomechanics Chair Position 2014 -15
- Selection Committee Fine Arts Dance Position 2014 -15
- Strategic Research & Innovation Committee 2014 -16
- Academic rep-Dinos Athletics Hall of Fame Selection Committee 2014
- Academic rep-Active Living and Athletics Committee 2013 -15
- U of C -Entrance Awards, Prizes and Awards Committee 2013 -15
- U of C-YMCA Interfaculty Partnership 2013 -14
- Scholarly Integrity Committee 2013
- Curriculum Review Committee 2008, 11 -13
- U of C 101-speaker 2000 -14
- Dean's Advisory Committee 2011 -12
- Chair Selection Committee Exercise and Health Physiology 1999, 03, 11 -13
- Faculty Association Representative (TUCFA) 99-01, 03-04, 12 -14
- Lead on Curriculum Review Kinesiology Exercise and Health Physiology 2002, 2012 -13
- Sabbatical Committee Kinesiology 2010 -12
- Curriculum Policy Committee Kinesiology 2009 -11, 15
- CSEP Conference Committee Kinesiology 2002, 08, 10
- Sabbatical Review Committee Kinesiology 1999, 03 -05, 14
- High Performance Sport Group Kinesiology 2004
- Health and Wellness CFI Committee 2002 -03
- Health and Wellness Expansion Committee 1999, 2001
- Chair-Multi-disciplinary Dance Medicine Research Group
(Proposal for expansion of the Performing Arts Research Institute) 2001
- Chair-Fitness, Academic, Students, Staff TEAM (FASST) 2000
- Faculty Ethics Panel Kinesiology 1999 -01
- Graduate Admissions Committee Kinesiology 1999 -02, 05
- Chair-Graduate Admissions Master of Kinesiology 1999 -02
- Chair-Curriculum Review Kinesiology Exercise and Health Physiology 2002
- Curriculum Fellow Explicit Syllabus Review Exercise and Health Physiology 1999 -01
- Chair-CSEP Symposium Women's Health and Performance, 1999 -00
- Chair-Exercise and Functional Fitness Review 1998 -00

Faculty of Physical Education Committee member

- Cofacilitator of Spring Faculty Planning Retreat 1997
- Representative, Academic Women's Advisory Committee, 1995 -96
- Research Policy Committee 1994 -95
- Thematic Group: BiSciences 1993 -95
- Name Change Committee 1990 -94
- Coordinator-Varsity Athletes, Biannual Random Drug Testing 1990 -93
- Coordinator-Career Exploration in Kinesiology and Fitness 1990 -91
- MC and Speaker CIAU volleyball championship, Calgary, AB. 1990
- FIT Break Leader Support Staff professional development day 1990 -91
- FIT Break Leader Student's orientation day (101) 1990 -92
- Representative Students of Physical Education and Recreation, (SPEAR) 1990 -91
- Student Appeals Committee 2002, 12
- FIT Break Leader Faculty of Management (New Venture Development) 1989
- Women's Athletic Advisory Committee (WAC), 1988 -90
- Speaker-Toast to the 1988 graduating class CP Palliser Hotel 1988

PART V – Professional Service

External Reviewer/ Judge

- South Africa National Research Foundation (NRF) 2020
- CIHR Foundation Grants, AB. 2016-19
- O'Brien Institute for Public Health (Internal peer reviewer) 2016-19
- The J. William Fulbright Commission -Czech Republic. 2017-18
- Program Expert in a CIHR Foundation Grant, Canada. 2016-18
- SSHRC Insight Grants, Canada. 2015
- Cardiovascular Days- Libin Institute, UCalgary, AB. 2015
- The UA undergraduate Awards (International), Ireland. 2015
- Adverse Event Committee (CIHR), Sask. 2014-16
- NHS Grampian Endowment Research Fund, Scotland. 2014
- Calgary History of Medicine Society (CHOMS) 2012
- Michael Smith Foundation for Health Research, BC. 2011
- Nova Scotia Health Research Foundation, Can. 2011
- Undergrad student summer awards (P.U.R.E.). UCalgary, AB. 2011
- CSEP Conference Oral Presentation Judge 2008
- Exercise Physiology of Western Canada Conference– Grad. Student Judge 2007
- Heart and Stroke Foundation, Canada. 2007
- Canada Foundation for Innovation (CFI), AB. 2006
- Institute For Gender Research, UCalgary, AB. 2003
- Innovation Trust Fund, Ontario, Canada 2003, 06
- The Arthritis Society, Canada 2000
- WIC Science Fair poster judge 2010
- SIRC Research Award 2003-04

Editorial Board

- International Journal of Environmental Research in Public Health
 - Special Edition Editor: Stroke in Athletes 2019-20
- Exercise Physiology and Biochemistry/American Association of Sport Science 2016 -20
- International Journal of Kinesiology and Sport Science 2012 -20

Manuscript Reviewer

- Journal of Science in Sport and Exercise 2019 -20
- Journal of Aging and Physical Activity 2015 , 20
- BMC Public Health 2020
- BMC Musculoskeletal Disorders, 2019
- International Journal of Environmental Research and Public Health 2019 , 20
- Health Reports (Stats Can) 2019
- Journal of Behaviour Therapy and Mental Health (USA) 2019
- Journal of Sport Sciences (UK) 2018 -20
- Clinical Medicine (UK) 2018 -19
- Journal of Technology in Society (Philippines) 2017 -18
- Pediatrics (USA) 2012 -20
- BMC Geriatrics (USA) 2017
- Dove Press (New Zealand) 2013 -18
- AIMS Medical Science (USA) 2014 -20
- Clinical Journal of Sport Medicine (Canada) 2003 -19

- Journal of Physical Activity & Health 2009 -17
- International Journal of Environmental Research and Public Health 2016
- Psychological Reports 2016
- Journal of Sport and Health Sciences (Canada) 2015 -19
- Journal of Perceptual & Motor Skills 2015 -16
- American Journal of Public Health 2014 -15
- Journal of Developmental Review 2014
- International Journal of Kinesiology and Sport Science (Australia) 2014 -18
- Journal of Health Education 2013 -16
- BMJ open access 2013
- Journal of Sports Engineering 2013
- Journal of General Medicine 2012 -14
- Journal of Vascular Health and Risk Management. 2012 -14
- CPHA Centennial Conference Abstract Review 2010 -12
- Journal of Paediatrics 2009 -16
- Canadian Journal of Public Health 2007
- Journal of Applied Physiology, Nutrition, & Metabolism 2007 -13
- Canadian Journal of Applied Physiology 1999 -06
- Journal of Dance Medicine 2002
- SMCA Newsletter *Pulse* Edmonton, AB. 1996 -97

Text Book Reviewer

- Payne W, Hahn D. (1992). Understanding Your Health. Mosby Year Book Inc., (3rd Ed) 1992
- Bruess C, Richardson, G. (1990). Decisions for Health. WM. C. Brown. Publ. (3rd Ed) 1990

Conference Chair

- CSEP Calgary Alberta 2021
- International Congress on Spt Science Symposium Session Chair Prague, Czech Republic 2018
- Exercise Perspectives Conference Organization Session Chair Kananaskis AB 2014 -18
- Walk 21 Conference Steering Committee Calgary AB. 2016 -17
 - CoChair Subcommittee Preconference workshops (Dr. S. Delon)
- Annual Symposium on Leisure and Recreation Session Chair Athens, Greece 2016
- IAPESGW Congress 2005 Girls in Sport and PE: Session Chair Edm AB 2005
- Fitness Roundup Conference Session Chair Banff, AB 1991

Consultant

- Advisor-Bone & Joint Health Strategic Clinical Networks (SCNB). 2017 -18
- Alberta Chronic Disease Prevention Indicator Framework, AB. 2018 -19
- Coscientific and content lead on Physical Activity working group for Alberta Prevention (Alberta Cancer Prevention Legacy Fund) 2015 -18
- Calgary Civic Sport Policy -Calgary, AB. 2017
- Building communities that create health (Office of the Chief Medical Officer of Alberta) 2014-16
- Campus Alberta Quality Council -Review for Canadian University College Lacombe, AB 2015-16
- AFLCA Independence for Older Adults: Training Program for Practitioners' Resource 2008
- Arthritis Management Advisory Board, Calgary Jewish Center, AB. 1995-96

Society Memberships

- American College of Sports Medicine (ACSM) 1988-20
- Canadian Society for Exercise Physiologists (CSEP) 1985-20
- Member WFPHA Global Health Equity & Digital Technology Working Group 2017-18

- Sport Science Association of Alberta (SSAA), member 2000 -18
 - Vice President 2014-17
- Alberta Provincial Fitness Unit 2011-20
- Alberta Fitness Leadership Association 1988-20
 - Executive Committee, Uni rep. 1991-00
 - Executive Committee, Elected VP 1995
 - Communications Committee 1991-94
 - President 1994-2000
 - Exercise Perspectives Conference Organizing Committee 2014-18
- Alberta Public Health Association (APHA) 2006-18
 - Past President 2014-15
 - President 2012-14
 - Canadian Network of Public Health Associations 2012-14
 - Incoming president 2011
 - Member 2007
- Alberta Active Living Partner 2014-15
- Calgary History of Medicine Society (CHOMS) 2010-14
- International Physical Activity and Environment Network (IPEN) 2009-18
- Canadian Public Health Association 2007-18
- Canadian Obesity Network 2004-18
- The Sport Medicine Council of Alberta, (SMCA). 1994-18
 - President 2000-03
- North American Association for Study of Obesity (NAASO) 2004-10
- The Canadian Athletic Therapists Association, (CATA) 1995-93
 - Chairperson, Exhibitor Chair 1990-91
 - 25th AGM Canadian Athletic Therapist Conference
- International Exercise and Dance Association, (IDEA) 1986-01
- British Columbia Recreation and Parks Association (B.C.R.P.A.) 1982-90
 - Fitness Executive Board 1986

Community

- YMCA Board of Directors 2013-17
 - Vice Chair of Strategic Planning Committee 2015-17
 - Strategic Planning Committee 2013-15
 - VIVO 15, Cardel Place & MRU Raise the Bar Leadership Roundtable- 2014, 15, 18
 - West Island College Board of Directors 2009-18
 - Chair 2014-16
 - Finance Committee 2014-16
 - Planning Committee 2009-14
 - President- Alberta Public Health Association, Alberta 2013-15
 - Calgary Flames Health Training Camp KNES consultant 2014
 - Canadian Accredited Independent Schools 2013-14
 - City of Calgary - GO Planning Committee 2006-10
 - Vice President- Sport Medicine Council of Alberta , Edm AB. 2013-17
- Calgary Health and Fitness Association 2000-03
- President- Alberta Fitness Leadership Association, Edm. AB 1988-89
 - 1994-00

VIKnowledge Translation

Invited Talks * * * Keynotes

Presentations and workshops are a large part of my health education professional practice.

2021

- S1. 5th Biennial Female Athlete Conference, Copresenters Drs. Connie Lebrun and Jane Thornton. Title: Menstrual linked asthma; What we know and where we need to go. Boston Mass. (June 2021)
- S2. International Olympic Committee (IOC). Workshop Symposium. Copresenter Dr. Connie Lebrun. Title: Take my breath away: asthma in female athletes and effects of reproductive hormones and strategies for screening and management. Monaco. (Feb.)
- S3. [O'Brien Institute for Public Health](#) at the [Cumming School of Medicine \(CSM\)](#) co-hosts of Anatomy of a Pandemic (Calgary AB.) (Jan. 11) - public virtual forum.

2020

- S1. CSEP Student Mentorship event Conference, Fredricton, NB (Oct 22) - virtual online
- S2. CSEP Conference Workshop Symposium. Copresenter Drs. Connie Lebrun and Jane Thornton. Title: Take my breath away: asthma in female athletes and effects of reproductive hormones and strategies for screening and management. Fredricton, NB (Oct 23) - Zoom
- S3. Mathison Centre & O'Brien Institute partnership on: Return to school and mental health impacts - panel. Title: Stress and Anxiety during COVID keeps us hopping. (Calgary AB.) (Sept. 29) - public virtual forum
- S4. Renert School Celebration of Physical Activity. Title: *Get a Grip*. Calgary, AB. (May 27) - Zoom
- S5. Perspectives in Exercise Health and Fitness Conference. Title: Life lessons on physical activity in youth. Hormones, menstrual cycle and competition: does it make a difference? Recover, Remission, Recursive: the diabetes conversation. Kananaskis, AB (Oct. 24). **COVID19 Cancelled**
- S6. ** Student Wellness Centre Support Staff Retreat. Managing our healthy 'selves' is a leadership challenge. UCalgary, AB (Jan. 7).

2019

- S7. ActiveCITY Summit Panel Presentation. The Stickiness Factor. Do we have it? Winsport, Calgary AB. (Sept 18)
- S8. EMC National Student Research & Medical Conference 2019. Physician Workshop. *The role of an exercise specialist in chronic disease management*. Calgary AB. (June 28)
- S9. Student and Enrolment Services PD. Workshop. Managing our healthy 'selves' is a leadership challenge. UCalgary, AB. (June 27)
- S10. Bikes and Bike Share. What is the benefit of e-Bikes? Bike 2019 Conference. Calgary Central Library AB. (May 8th)
- S11. ** Talk, Knowledge and Outcome: Communicating the value of sport. Calgary Winter Club Skating Banquet AB. (May 3).

2018

- S12. McCaig Institute's Wood Forum. Title: Dens bones are important from tip to toe. Mobility for Injury prevention. Red and White Club, Calgary AB. (Oct. 27)
- S13. Perspectives in Exercise Health and Fitness Conference. Title: Curious or spurious bone health findings: A sport scientist perspective and Training the menstrual cycle: optimization or periodization. Kananaskis, AB. (Oct. 2021)
- S14. ** Perspectives in Exercise Health and Fitness Conference Workshop. Title: Mixed goals of performance: fat loss and muscle gain. Kananaskis, AB (Oct. 19)
- S15. ** Beakerhead. Title: *Science of Sweat*. MVO15, Calgary, AB. (Sept. 20)

2017

- S16. International Olympic Committee (IOC). Workshop Symposium. Copresenter Dr. Connie Lebrun. Title: The science of training thru the menstrual cycle. Monaco (March 18)
- S17. ** Division of Rheumatology Annual Retreat. Title: The role of exercise in the management of arthritis. Calgary Zoo. (Oct. 20)
- S18. ** Themed UCalgary Kinesiology Lecture. Title: Spurious or curious: bone mineral density in female athletes? Calgary, AB (Oct. 16)
- S19. Calgary Chapter of Canadian Association for Retired Persons. Title: Why exercise is needed for the older adult: High five. Calgary, AB (Sept. 28)
- S20. Training L.A.B. 2017. Provincial Fitness Unit of Alberta. Title: SIT, HIT, FIT: The science behind interval training. MRU, Calgary, AB. (Sept. 16)
- S21. CSEP Professional Development Days. Winsport. Why exercise is medicine for the older adult: High five! Calgary, AB (June 24)
- S22. ** AFLCA Trainer Event. Title: SIT, HIT, FIT: The science behind interval training. Calgary, AB. (May 26)

- S23. Fit Rendezvous Conference. Titles: Helping older clients be young: the art and science of Gerokinesiology and Wile E Coyote: the living, breathing synonym for cortisol. Calgary, AB. (May 27)
- S24. ** Bone and Joint Health Scientific Network (SCN) Core Committee Day. Title: Muscle fragility and strength importance in bone health. Calgary AB. (May 18)
- S25. ** Creative Solutions Fund Raiser. Traumatic Brain Injury (TBI): Surprising affects not just sport. Calgary AB. (Mar. 2)
- 2016**
- S26. Perspectives in Exercise Health and Fitness Conference. Titles: *Gerokinesiology, the Swiss Army Knife of Ageing* and *How Exercise Steals the Thunder of Stress*. Cananaskis, AB (Oct. 28-29)
- S27. ** Convocation Address West Island College. Title: *Are you a lion or a zebra? Success by definition*. Calgary, AB. (June 7)
- S28. Okotoks 2016 Fitness & Wellness Symposium. Title: *Exercise Recommendations for Each Decade*. Okotoks, AB. (May 7)
- S29. Training L.A.B. 2016. Provincial Fitness Unit of Alberta. Title: *How Exercise Steals the Thunder of Stress*. Calgary, AB. (March 13)
- S30. U of C Emetus Professors seminar. Title: *How many steps could a senior stride if a senior could count steps?* The healthy outcomes of walking. Calgary, AB. (Jan. 13)
- 2015**
- S31. ** University 104 Haskayne School of Business. UCalgary. Title: *University Success Through the Lens of a Sport Scientist*. Calgary AB. (Nov. 28)
- S32. Undergraduate Student Awards West Island College. Title: *What can you do in 10 seconds?* Calgary, AB. (Sept.)
- S33. Supreme Court Bench Judges' Day. Title: *How to make a healthier better Judge*. Calgary, AB. (August 15)
- S34. Convocation Address West Island College. Title: *Stories on Mentorship*. Calgary, AB. (June 5)
- S35. ** Safety Week –NAIT. Title: *The #1 strategy for successful aging begins with a threesome: a wholesome approach to successful aging*. Edmonton, AB. (May)
- S36. Canadian Obesity Network- Calgary Chapter- Professional Speaker Series 2015. Title: *The Nomadic Life of A Motoneuron, Not*. Calgary AB. (April 22)
- S37. ** The Last Lecture. *The Three C's in A Career And An Oreo Cook*. University of Calgary, AB. (March 26).
- S38. Fidelity Coach Education Presentation Alberta Alpine. Workshop Title: *The Success of Play in Sport and Specifically Alpine Youth Racing: Is It Still There?* Calgary, AB. (Jan.)
- 2014**
- S39. ** Student's Union Undergraduate Research Symposium Awards. Title: *Building an Authentic Research Experience: How Do They Do It?* Calgary AB. (Dec.)
- S40. Perspectives in Exercise Health and Fitness Conference. Titles: *Menopause: A Reminder to Take Care of Yourself* and *The Recommendations for Exercising and Exercise for Each Decade*. Cananaskis, AB. (Nov.)
- S41. Western Canadian Place Fitness Centre. Title: *The Life of Luxury: don't let your heart be your dentist*. Calgary AB. (Sept)
- S42. CASCH Conference Banff Alberta. Session Faculty Mentor. Title: *Finding the Sweet Spot in your Academic career.* (Sept.)
- S43. ** Chronic Pain Symposium, UCalgary Medical Education. Keynote on *Therapeutic Benefits of Exercise*. Title: *Rose Coloured Glasses, Pain, Pink Elephants, and Movement*. (May)
- S44. Conference on Postsecondary Learning and Teaching. The Taylor Institute for Teaching and Learning, UCalgary. *We have a story to tell you a strategy for empowering student health*. Co-student presenters: Lisa Campkin and Lauren Voss. (May)
- S45. West Island College Health Science Institute. Title: *What causes health*. WIC Calgary AB. (Oct.)
- S46. West Island College Sportsmedicine Class grade 10-12. Title: *Sportsmedicine: Definition to Application*. Calgary AB. (Feb.)
- S47. West Island College Health Science Institute. Title: *Public Health and Kinesiology: the relationship between health and physical activity*. WIC Calgary AB. (April)
- 2013**
- S48. ** KCool (*K*onnect, *C*reate, *O*utdoor *O*pportunities *F*or *L*iving) project aka (Creating a Centre for Healthier Generations). Expansion project for Cardel Place business vision. (Calgary). (Oct.)
- S49. 2013 International Wellness Symposium (Lake Louise). *Social Observations of Urban Activity: Lessons from China on How to use Public Spaces*. (Oct.)
- S50. ** Calgary Therapeutics Course, UCalgary Medical Education. Keynote Plenary Session. Title: *Therapeutics of Exercise*. (April)
- S51. Lunch and Learn. Sponsored by Healthy UCalgary. Title: *Will your heart go on and on?* Hmmm. Calgary AB. (Feb.)

- and April)
- S52. Penn West. Title: *Apoplexy, cerebral vascular event or a brain attack*. Calgary AB (Feb.)
- S53. West Island College University 10 Title: Nutrition and the Freshman 15. WIC Calgary AB. (May)
- S54. West Island College Sportsmedicine Classes grade 10-12. Title: Sportsmedicine: Definition to Application. Calgary AB. (May)
- 2012**
- S55. Perspectives in Exercise Health and Fitness Conference Kananaskis, AB. Title: *Exercise: connecting obesity with inflammation and injury; What does literacy, exercise programs and education have to do with how great we are?* and ***Forum: The Role of the Exercise Professional in Public Health Symposium*. (Nov.)
- S56. Penn West, Calgary AB. Title: *Heart Disease in Women: It has a different rhythm*. (Oct.)
- S57. Fit Rendezvous Conference sponsored by the Provincial Fitness Unit, Edmonton AB. Title: *Exercise: connecting obesity with inflammation and injury; What does literacy, exercise programs and education have to do with how great we are?* and *The 'Fitness Whisper' will be the wisest trainer that leads us into 21 century of exercise*. (May)
- S58. ARPA Conference and Energize Workshop. Jasper, AB. Title: *Exploring places and neighbourhoods with reference to health outcomes of populations*. (Oct.)
- S59. ***Physical Activity Forum 2010*. Calgary AB-May 26th; Lethbridge June 4th; Edmonton June 4th Title: *Does the Built Environment Influence Health*.
- S60. Forest Lawn High School Sportsmedicine Classes grade 10-12. Title: Sportsmedicine: Definition to Application. WIC Calgary AB. (Sept.)
- 2011**
- S61. Calgary Science School, grades 9-14 Title: *The power of movement: Flying with Dance*. (October.) *Full credit* through the Faculty of Medicine, U of Calgary AB <https://forgingconnections.wordpress.com/lessonplans/dance-module/>
- S62. West Island College Sportsmedicine Classes grade 11-12. Title: Sportsmedicine: Definition to Application. WIC Calgary AB. (April).
- 2010**
- S63. Calgary French and International School. Calgary AB. *Everything about Health in a Day*. (May)
- S64. Calgary French and International School Career Fair. Calgary AB. *What does a cat, a croc, and a chimp have to do with career success?* (March)
- 2009**
- S65. ***YMCA Manger's Retreat* Facilitating. Banff Alberta Title: *An umbrella as a metaphor of life*. (Feb)
- S66. Alberta CSEP Health and Fitness Program. CEP Upgrade Workshop. AB Title: *Aging and Metabolic Competency*. (April)
- S67. Haskayne School of Business (Pason Oil and Gas Company retreat) Title: *Things You Can Do to Maintain Your Optimal Health*. (Oct 20)
- 2008**
- S68. Lunch and Learn. Sponsored by Healthy U. of C. Calgary AB. Title. *Apoplexy, cerebral vascular event or a brain attack!* (June)
- S69. Alberta CSEP Health and Fitness Program. CEP Upgrade Workshop. AB. Title: *Aging and Metabolic Competency*. (June)
- S70. Fit Rendezvous Conference sponsored by the Provincial Fitness Unit, Edmonton AB. AB. Titles: *Red Rover, Red Rover we call insulin over!* and *Aging and Suddenly Sent to the Sigma Protocol!* (June)
- S71. West Island College CALM Days. Calgary AB. Title: *Why knowing what you might die from will help your quality of life!* (Sept.)
- 2007**
- S72. Trainers Biennial Conference. Train the Trainer. Red Deer, AB. Title: *Arthritis and Exercise*. (Nov.)
- S73. Alberta CSEP Health and Fitness Program. CEP Upgrade Workshop. AB Title: *Aging and Metabolic Competency*. (Oct.)
- S74. ***Recreational Connection Toolkit Workshop* Calgary Health Initiative Facilitating Calgary, AB Title: *Smarties, Big Gulps and Healthy Kids: orienting physical activity benefits*. (Oct.)
- S75. Women's Wellness Day Alberta Children's Hospital, Calgary. AB. Title: *Slugs, Sloths and Us*. (June)
- S76. Alberta CSEP Health and Fitness Program. CEP Upgrade Workshop. AB *Aging and Metabolic Competency*. (May)
- S77. ***Oncology Nurses Day* Calgary, AB. Title: *Why does a Gluteus Maximus make you laugh*. (April)
- S78. ***Osteo Forum*-U. of Calgary, AB. Title: *Build it, Break it, and Store it. A closet look at Osteoporosis*. (Jan.)
- S79. North Central Teachers' Convention Association. Edm AB. Title: *Why is there an obesity epidemic in humans versus sloths?* (Feb.)

- S80. Central Alberta Teacher's Convention Association. Red Deer AB. Titles: Heart Disease in Women: It has a different rhythm and Why is there an obesity epidemic in humans versus sloths? (Feb.).
- 2006**
- S81. **Motivational Speaker for the start of the Corporate Workplace Wellness and Physical Activity Pilot Project (Canada 100 project). ENMAX. Title: *Walking 101...A little something to get you motivated.*
- S82. Finding Balance Women's Conference. Red Deer, AB. Title: *Heart Disease in Women: It has a different rhythm.* (May)
- S83. ** MRC Faculty of Nursing Professional Development Day, Calgary, AB. Title: *Who you gonna call? Yourself!* (Feb.).
- S84. AB South Eastern Alberta Teachers (SEACA) convention, Medicine Hat, AB. Title: *Get R.E.A.L. about Health* (Feb.).
- S85. CSEP Perspectives in Exercise Health and Fitness Conference, Kamaskis, AB. Title: *A Neglected Outcome of Research: The Exercise Professional* (Nov.).
- S86. H.P.E.C. Calgary. AB. Title: Empowering movement! Steppin' Up to Better.
- S87. Alberta Teacher's Convention Association, Calgary, and AB. Titles: Heart Disease in Women: It has a different rhythm; Why is there an obesity epidemic in humans versus sloths? (Feb.).
- 2005**
- S88. AB South Eastern Alberta Teachers (SEACA) convention, Medicine Hat, AB. Title: *Health: It's as easy as ABC...D* (Feb.).
- S89. **Northern Lights Coaching Symposium, Yellowknife, NWT. Title: *The Circle of Performance: Women Athletes in the Making and Spellbound by the aurora borealis. But can you hear it?* (Feb.)
- S90. CAAWS Point of VIEW Symposium, Calgary, AB. Title: *The Circle of Influence: A Star in the Making* (March).
- S91. Fit Rendezvous Conference **Women Wellness Series sponsored by Human Factors Calgary, AB. Title: *Menopause Life Long Changes* (June).
- S92. **Taking Pounds off Sensibly (TOPs), Calgary Chapter. Calgary, AB. Title: *Exercise and diet* (June).
- S93. U of C Professional Education Fitness, Calgary, AB. Title: *Menopause Thermal Inversion* (Nov.).
- S94. Centre City Plan Ideas Fair. Calgary Alberta. Title: *Let's B.E.E. Builders and barriers Environment and exercise, Exercise and self efficacy, People and policy* (Nov.).
- 2004**
- S95. Fit Rendezvous Conference sponsored by the Provincial Fitness Unit, Edmonton AB. Title: *Why Don't Rats Wear Bikinis? Because and 2) It's healthier and more economical to walk than run* (May).
- S96. **Changes: Women's symposium on Menopause. Title: *The Life long tune up! Menopause* Glenco-club. (May).
- S97. **Women Work Wonders Evening sponsored by Calgary Cross PC Association. Title: *Women's Heart: It's a Different Rhythm* (May)
- 2003**
- S98. **Taking Pounds off Sensibly (TOPs) Regional Calgary Chapter. Title: *Open questions and answers on E.X.E.R.C.I.S.E.* (Nov.)
- 2002**
- S99. Akvia Academy, Calgary AB. Title: *FIT Breaks in the Classroom.* (Aug.).
- 2001**
- S100. Professional Fitness Leader Certification Workshop (PFLC), Calgary AB. Title: *Baby, Composition Analysis.*
- S101. Trainer's Biannual Certification Conference (TBAC), Red Deer, AB. Title: *Shaman, Paradigm Shifter and Healthy Person.*
- 2000**
- S102. **University of Calgary Human Resources Group, AB. Topic: Work place wellness. Title: *What's between the lines: the shared vision!* (June)
- S103. Health Physical Education Conference (H.P.E.C.) Calgary AB. Title: *What determines blood lipid profiles in college population?*
- S104. Professional Fitness Leader Certification Workshop (PFLC), Calgary AB. Title: *The Other YK2 problem: G0 morbidity.* (April)
- 1999**
- S105. **The Latin American Women's Assoc., Calgary AB. Title: *Understanding Menopause.* (Feb).
- S106. Fibromyalgia Retreat sponsored by Energy for Life, Nakoda Lodge, AB. Title: *Wonders of the Fibromyalgia Lottery* (Oct.).
- 1998**
- S107. Shaping the Future Conference, Calgary, AB. Title: *Where's Waldo and Menopause: the life long tune up.* (Nov.).
- S108. Glenco Fitness Club, Calgary AB. Title: *Menopause: The Life Long Tune Up.* (June).
- S109. Fit Rendezvous Conference, Edmonton, AB. Title: *The Tao of Fitness Leadership and Menopause, Life long*

tune up. (May).

1997

S110. Professional Fitness Lifestyle Certification Workshop (PFLC), Kananaskis AB., *Title*: The Tao of Fitness Leadership. (Oct).

S111. Changing Gears Conference, Calgary, *Title*: What do we champion next in women's health? (March).

1996

S112. Trainer's Biannual Certification Conference (TBAC), Red Deer, *Title*: Shaman, Paradigm Shifter and Healthy Person. (Oct.).

S113. **YMCA Volunteer Instructor's Retreat, Camp Chief Hector, *Title*: Shaman, Paradigm Shifter and Healthy Person. (Sept.).

S114. Fit Rendezvous Conference, Edm., *Title*: Fit for Delivery, (May).

S115. Calgary Leisure Learning Services, Calgary, *Title*: Shaman, Paradigm Shifter and Healthy Person. (Jan.).

1995

S116. Changing Gears Conference, Calgary, *Title*: Shaman, Paradigm Shifter and Healthy Person. (Oct.).

S117. Certified Fitness Appraisal Workshop (CFA), Calgary *Title*: Shaman, Paradigm Shifter, and Healthy person. Which one are you?" (April).

S118. Edgemont Club, Calgary, *Title*: Fit for Delivery and The Effects of Exercise on Fat Metabolism. (March and Nov.).

1994

S119. **MFLDA, Brandon, Manitoba. *Title*: Mona Lisa was a Fitness Instructor. A self Portrait.

S120. and *Title*: Exercise Physiology: A Promiscuous Approach. (Oct.).

S121. TBAC conference opening icebreaker, Red Deer *Title*: Coming out in force. (Nov.).

S122. Northern Telecom Circuits Div., Calgary, *Title*: The Effects of Exercise on Osteoporosis. (Feb.)

S123. MRC, Recreation and Fitness, Calgary, *Title*: Fat Metabolism. (Jan.) Calgary Catholic Separate School Board. Calgary AB. Title: making the workplace more comfortable. (March).

1993

S124. **Family Medicine, University of Calgary, *Title*: The Secret of Exercise Prescription. (Dec.).

S125. YMCA Rocky Mt. Volunteer's Instructor's retreat, Calgary *Title*: Snap, Crackle, Pop: The Sweet Delusions of Fat Metabolism. (Sept.)

S126. Mobil Oil, Calgary, *Title*: The Advantages and Disadvantages of Diet and Strength Training in the Risks of Osteoporosis. (Oct.).

S127. South Family YMCA, Calgary, *Title*: Mona Lisa was a Fitness Instructor. A self Portrait. (Nov.)

S128. Calgary Winter Club, Calgary, *Title*: Contraindicated Exercises. (Dec.)

S129. Health and Physical Education Council (H.P.E.C.) Calgary, *Title*: Weight Training For Junior and Senior High. (Oct.).

1992

S130. **Club Direct, Toronto ON. *Title*: "Health Behaviour and the Fitness Industry: When will they marry." (July).

S131. Fitness Rendezvous, Edmonton *Title*: "The Push to Improve the Clients Knowledge and The Contra Affair: Intensity for Duration!" (April).

S132. Eau Claire YMCA, Calgary, *Title*: Healthy P.L.A.Y. Physiological Life, Acquiring it for our Youth. (November).

S133. **Heaven's Fitness, Calgary, *Title*: Understanding your client and the application of research. (Jan.)

S134. **CareWest Auxiliary Hospital Staff Retreat, Calgary, *Title*: F.I.T. for Fun, (May).

1991

S135. **Canadian Aerobics Instructor Network (C.A.I.N), Toronto *Title*: "Research Frontiers: understanding the bench step studies", (Nov.).

S136. Club Direct, Toronto ON. *Title*: "The Push to Improve the Client's Knowledge", (Oct.).

S137. International Dance Exercise Association (I.D.E.A.), Nashville Tenn., *Title*: "Research Update: on Aerobic Dance Studies", & "Physical Activity and Fat Metabolism", (May).

S138. Certified Fitness Appraisal Workshop (CFA), Calgary. *Title*: "A day in the life of Aerobic Annie." (May).

S139. Fitness Roundup, Banff *Title*: "Research Frontiers and the Language of Biomechanics!" and "Aerobic Annie's Fat Metabolism", (April).

S140. Family Medicine, Foothills Hospital, Calgary, AB. Trym Gym, Obesity Program *Title*: Fat Metabolism (Feb.).

S141. North Family YMCA, Calgary *Title*: Stretching workshop for aquatic staff. (December).

S142. Health Physical Education Conference (H.P.E.C.), Red Deer. *Title*: "Strength Training for Health" and "Cardiovascular Training for life" (May).

S143. Prime Time Workshop for Retirement (3 workshops per year). Grant McEwan College, AB.; Fitness section.

S144. Calgary Catholic Separate School Board. (3 workshops per year) Bank Care Workshop for clerical and custodial

staff.

1990

- S145. Be Fit for Life Conference, Calgary ~~AB~~ *Titles*: Research Update; Aerobic Dance Injuries, and The application of the F.I.T.T. Principle", (Oct.).
- S146. Just for the Fit of It Conference, ~~RC~~ Calgary, ~~AB~~ *Titles*: Hot Hot Hot Industry Topics and Heard it Through the GRAPVINE (Oct.).
- S147. Shape Magazine's International Conference, LA. U.S. ~~Site~~ *Research Update: Aerobic Dance Trends*, (Aug.).
- S148. Fitness Rendezvous, Edmonton ~~AB~~ *Title*: "Research Update; Aerobic Dance Trends", (May).
- S149. YWCA Staff Retreat, Banff ~~AB~~ *Title*: Contraindicated Exercises. (Oct.).
- S150. Calgary Catholic Separate School Board. (3 workshops per year). Back Care Workshop for clerical and custodial staff.

1989

- S151. **Fitness North Conference, Prince George B.C. *Titles*: "Physical Activity and Health", and F.I.T. Breaks: Take the Yawn out of sitting". (Oct.)
- S152. Fitness Roundup, Banff AB. ~~Presenter: S. Murray~~ *Title*: "Fitness for PreSchool Children", (April).
- S153. Health Physical Education Conference (H.P.E.C.). Calgary AB. Strength training (May).
- S154. Prime Time Workshop for Retirement (3 workshops per year). Grant McEwan College, AB.; Fitness section.

1988

- S155. Health Physical Education Drive in Workshop, (H.P.E.C.), Calgary ~~AB~~ *Titles*: Principles in the School. (Nov.).
- S156. Vancouver Island Physiotherapy Association. ~~Book~~ Muscle Physiology Lecture Series. Coordinator: Ms. Leslie Gordon (March/June).
- S157. Advanced Instructor Fitness Training workshop, (CARTEL Physio Clinic). ~~Victoria~~ *BC* *Titles*: 2 weeks. (Feb/March).
- S158. Advanced Instructor Strength Training ~~7~~ lectures. CARTEL, Victoria BC. (Feb.)

1986

- S159. Fitness for the Future. Vancouver, ~~BC~~ *Title*: Risk vs. Benefits of Hand Weights and Other Resistance Apparatus.

1985

- S160. Fitness for the Future. Vancouver, ~~BC~~ *Title*: Fitness Technician.
- S161. BC. Women's Fitness Instructor's Workshop, ~~Biannual~~, Victoria ~~BC~~ *Title*: Analysis of Stretch and Strength (Jan.)

Health Education (HE)

Many articles were written for Continuing Education Credit (CSEEP or AFLCA) or SSAA projects or to be used in Teaching 11 were written with trainees)

- HE1. ~~Doyle Baker PK~~ (2019, Feb.) ~~ROWER~~ Reducing Osteoporosis in Women that Exercise through Rowing) study. AFLCA Professional Development ~~Fitness Informer~~ pp. 1-3.
- HE2. ~~Doyle Baker PK~~ (2017, Sept.). SIT, HIT, FIT: The history of interval training. AFLCA Professional Development, Fitness Informer pp. 1-6. (<https://indd.adobe.com/view/c9c188fb-eeeb-44d3-8e3c-c773b17f3005>)
- HE3. Cameron Zanne, & ~~Doyle Baker Tish~~. (2016, winter). The relationship between stress and exercise: the whole is more than the sum of its parts. Fitness Informer, pp. 1-3.
- HE4. ~~Doyle Baker Tish~~ (2015, Winter). Menopause: A Reminder to Take Care of Yourself Fitness Informer, 225.
- HE5. ~~Campkin Isa, & Doyle Baker PK~~ (2013, winter). Exercise Physiologists and Chronic Disease management in North American: a role of importance. Fitness Informer, 23.
- HE6. ~~Doyle Baker Tish~~ (2012, autumn). Expressing disease vs suppressing it? Fitness Informer, 223.
- HE7. ~~Campkin Isa, & Doyle Baker Tish~~ (2012, summer). Five Tips for Knowledge Transfer. Fitness Informer, 230
- HE8. ~~Doyle Baker Tish~~ (2011, autumn). Bring in the new with the old: Measuring LDL Cholesterol. Fitness Informer, 20-21.
- HE9. ~~Doyle Baker Tish~~. (2010, winter). Obesity and Inflammation: Creating the Perfect Storm. Fitness Informer, 1918
- HE10. ~~Doyle Baker Tish~~. (2008, autumn). Blood Glucose Levels and Diabetes: A Simple Review. Fitness Informer, 24
- HE11. ~~Karlos Angie & Doyle Baker Tish~~ (2009, autumn). Where has all the Vitamin D Gone? Fitness Informer, 23
- HE12. ~~Doyle Baker PK~~. (2017, Fall/Winter). High Intensity Interval training: A better way to exercise. Family Health. Pp. 6-7.
- HE13. ~~Doyle Baker PK~~. (2015, July). Changing behaviour is as easy as standing up. Wellness Works. City of Calgary. Pp. 12-13.
- HE14. ~~Doyle Baker PK~~. (2015, July). Healthy behaviours and successful aging an intentional approach Wellness Works. City of Calgary. Pp. 4

- HE15. **Doyle Baker Tish.** (2014, winter). The 'nature' of play in an entry-level alpine youth ski program spells Fitness Informer, Pp. 1214.
- HE16. **Doyle Baker Tish.** (2013, fall). Outdoor Urban Activity: Lessons from China in using Public Space. Fitness Informer, Pp. 12-14.
- HE17. **Doyle Baker Tish.** (2012, winter). Health Literacy is all about learning to read. Fitness Informer, Pp. 1211
- HE18. **Doyle Baker PK, Reinbold SR** (2012, Fall) A comparative investigation into the energy expenditure associated with different dance types in university populations. Pulse, 1617
- HE19. **Pfister Ken, Doyle Baker Tish.** (2011, winter). The osteoporotic fracture: is it a big deal? Fitness Informer, Pp. 20-21.
- HE20. **Doyle Baker PK.** (2010, Sept/Oct.) Letter to the Editor: How do we determine maximum heart rate in the older athletes? Impact Magazine, Pp. 12.
- HE21. **Doyle Baker PK, Nolan M** (2010, fall). The validation of the Triaxial Accelerometer in a Smart Phone (Apple iPhone) as a Physical Activity Monitor in Young Adults aged 25-38. Pulse, 1415.
- HE22. **Doyle Baker Tish** (2010, autumn). The Built Environment, Travel Behaviour and Physical Activity Relationships. Fitness Informer Pp. 18-19.
- HE23. **Doyle Baker Tish.** (2009, spring). Effects of weight-bearing activities and calcium intake on bone development. Fitness Informer Pp. 24-25.
- HE24. **Stewart Jane, Doyle Baker Tish.** (2008, spring). Which Exercises Benefit Those With Osteoarthritis? Our Final Answer? Fitness Informer Pp. 14-15.
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