



SCHOOL OF PHYSICAL AND
HEALTH EDUCATION
Physical Education Centre
Kingston, Ontario, Canada K7L 3N6

ANNUAL REPORT
for the
School of Physical and Health Education
2003

DIRECTOR'S STATEMENT

The School of Physical and Health Education at Queen's University is pleased to provide the third annual report on its undertakings and accomplishments during 2003. Once again the achievements of our students, staff and faculty are numerous and notable. The School is on an impressive trajectory that will see us successfully build on our strengths and thereby redefine our institutional and societal roles. The work carried out within the School has commanded the attention of the institution as we move forward on staffing and program initiatives that are consistent with the long-term goals for our programs.

Significant events related to staffing in 2003 included the appointment of Dr. Samantha King in the area of socio-cultural studies of health and physical activity. In addition, the Faculty of Arts and Science released two tenure track positions for appointment in the School. Positions were advertised for faculty members in the areas of Health Policy and Health Promotion. These appointments will be made early in 2004. Further, the School nominated Dr. Ian Janssen as our candidate for the 2004 Queen's National Scholar competition, the results of which will be made public in January 2004.

The proposal for the establishment of a BAH with a major in Health Studies signals a new role for the School in the delivery of a program that will address subject areas that bear on human health in its broadest sense. Pending approval, the BAH Major Health Studies program will accept its first class in September 2004.

We have 13 full time faculty members representing disciplines from the social to the behavioural and exercise sciences who collectively hold close to \$1.0 million in annual external research funding. The success of our current faculty is reflected in the unprecedented number of successful grant applications for tri-council funding. Of particular note in this cycle was the successful CIHR New Emerging Team grant awarded to Drs. Ross (PI), Katzmarzyk and Levesque, in the amount of \$1.5 million for their work on the prevention and reduction of obesity through active living. The extensive listing of work in peer reviewed journals and at scientific congresses is evidence of the commitment of our researchers to the dissemination of their work for evaluation by the broader scientific community.

The success of our students can be measured in many ways. While our students are well known for the number of hours given to community service, they continue to be successful academically. The total number of students on the Dean's Honour List and the Dean's Honour List with Distinction in 2003-3 was 91 of 350 students, representing 26% of the students eligible for consideration. This represents a five percent increase over 2002. Student run initiatives included the inaugural two-day *Horizons Conference* that was held in November 2003. The career opportunity conference provided access to speakers and sessions on careers in the public sector, the media and the fitness industry and was well attended by members of the School.

Fundraising will remain a central focus for us, as we work on both capital initiatives and student support through scholarships and bursaries. The 2003 version of the Faculty Projects Appeal resulted in donations of over \$20,000 to the School. Purchases from this fund were made for library acquisitions, undergraduate computer and laboratory equipment, software, and training initiatives. In addition funds were used to support student travel and career workshop initiatives. We will continue to use philanthropic funds to augment support for current programs and new initiatives.

The Board of Trustees approved the Queen's Centre project in principle in May 2003. This project will culminate in the development of new facilities for the academic and athletics/recreation programs for which we are responsible. A call for architects was posted late in 2003 with a view to having the design team in place early in 2004. As this project moves forward there will be much to report on the impact of much needed facilities for the expansion of the School of PHE.

Janice M. Deakin, Ph.D.
Director

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Introduction

The School of PHE completed work on a five year strategic plan in May 2001. At that time it was recognized that the School occupied a unique position to become a leader in health enhancement, disease prevention and human performance over the course of the next five years. To that end it was decided that the School would focus its work on strengthening and extending its place as an innovative leader in the development, advancement, and delivery of academic and professional programs that sought to understand physical activity. The School committed itself to incorporating into its curriculum, professional activities, and research initiatives the broad definition of health proposed by the World Health Organization (WHO) in 1970: the state of complete physical, mental, and social well-being - not merely the absence of disease and infirmity.

Mission

The School will research and teach the role of physical activity as a mediator in the determination of health and productivity individually and in society. The School will provide programs to prepare students to achieve physical, mental and social well-being through the advocacy and application of physical activity as part of a lifestyle. (Strategic Plan 2001-06)

Progress On Goals and Objectives: 2003

Progress toward becoming a leader in health enhancement, disease prevention and human performance must be evaluated against the eleven goals and objectives that were identified as being central to achieving success on our strategic initiatives.

Goals and objectives related to increasing capacity in research and teaching related to health enhancement and disease prevention at both the undergraduate and graduate levels include:

- In teaching and research the School will increase its emphasis on physical activity as it relates to health and human performance.
- The School will increase its emphasis upon the development of teaching methods, learning strategies, and research initiatives relating to health, wellness, and performance.
- The School will underscore themes of prevention, self-knowledge, and self-reliance in its curricular focus upon health-related concerns and issues.
- The School will work to improve the academic environment for our graduate students through enhancing opportunities for interaction across sub-disciplines, improving infrastructure support for teaching assistants, and creating funding opportunities to reduce differences between the natural and social science students.
- Through its graduate program, the School will develop leaders in the broad field of health promotion and disease prevention as researchers, post-secondary teachers, program administrators and related vocations.

Progress on these goals has taken many forms including strategic staffing initiatives, re-deployment of full time faculty members teaching assignments, proposals for a new undergraduate program in Health Studies and a re-articulation of the fields of study in the

graduate program. Further, ongoing rationalization of course curricula serve to ensure that course content and delivery are consistent with our stated goals.

Specifically:

STAFFING AND RESEARCH INITIATIVES

- Dr. Samantha King was appointed to a position in socio-cultural studies effective July 1, 2003. Dr. King's research interests in women's health and physical activity is strongly related to our initiatives in health, and her appointment complements the research programs of at least two members of faculty. Her ability to have an immediate and powerful impact on the graduate program within the School was noted by the Appointments Committee as well as the graduate students in the program.
- Dr. Ian Janssen became the Queen's National Scholar nomination for the School of PHE in the 2003-04 cycle. This nomination was jointly supported and forwarded by the School and the Department of Epidemiology. Dr. Janssen's appointment in the area of physical activity epidemiology and aging is central to the Health Studies program and the general field of health promotion. This second population-based health appointment will allow Queen's to become an outright leader in this comprehensive, thematic area of study. Announcement of the successful QNS candidates is provided early in 2004.
- The Faculty office provided two positions to be advertised in the 2003-04 cycle for appointments beginning July 1, 2004. These searches are in the area of Health Promotion and Health Policy and will be central to the delivery of the new Health Studies program.
- Two faculty members from within the School have been awarded the Chancellors Award for Research in the last two cycles. Drs. Adams and Katzmarzyk were each presented with this award and funding in support of their graduate students over a five year period.
- Drs. Ross, Katzmarzyk and Lévesque were awarded a \$1.5 million CIHR New Emerging Team grant for their work on obesity intervention. This five-year grant speaks to the leadership role that these researchers provide in the area of disease prevention and health promotion. Further it enhances the capacity of the School to make significant contributions in this area.

PROGRAM DEVELOPMENT

- The School of PHE has proposed the creation of a Major concentration in Health Studies. This program is designed to provide a broad overview of the behavioural and social sciences and will address subject areas that bear on human health in its broadest context. This program will complement the existing Bachelor of Arts (Honours) Medical Health Studies (BAH MED HLTH) and the Bachelor of Physical and Health Education (BPHE) degrees as well as other interdisciplinary programs (e.g. Development Studies, Environmental Studies, Women's Studies, etc.) within the Faculty of Arts and Science.
- A total of seven Health Studies courses are taught by full time continuing faculty and one continuing adjunct instructor within the School. All health offerings are open to students in the BPHE program and can be completed as option courses towards their BPHE degree requirement. These courses account for over 1150 student enrolments.

- In anticipation of our upcoming OCGS review the faculty has proposed changes in both the Ph.D. and MSC. /MA programs offered by the School. The School is proposing a redesign of our master's programs in order to offer opportunities for students in the following fields:

- 1) Psychology and Socio-Cultural Studies of Physical Activity (MA)
- 2) Physical Activity Epidemiology and Health Promotion (MA or MSc)
- 3) Applied Exercise Science (MSc)

The re-structuring of the Master's program fields is part of an overall project to bring teaching and research in the School into line with changing faculty interests and skills. The School's redefined focus on health permits faculty members and students to make the strongest possible contribution to the communities we serve. The new Master's field areas will bring our program in line with the School's mission statement while allowing us to accommodate the quickly expanding range of expertise among faculty members. The proposed Master's field areas are identical to the structure of fields we are proposing for our doctoral program.

- The School is proposing the following fields for our PhD program:

- 1) Psychology and Socio-Cultural Studies of Physical Activity
- 2) Physical Activity Epidemiology and Health Promotion
- 3) Applied Exercise Science

In addition to expanding the fields of study offered in our doctoral program, we are also proposing a change to the overall doctoral program name from Applied Exercise Science to *Health and Physical Activity Sciences*. The latter name better represents the range of work now undertaken by our faculty and our students.

- Under the leadership of Larry Wolfe, a new funding model was developed for the graduate program within the School that provided more flexibility in the allocation policy for supervisors who recruited externally funded students. Further, the review process for new admissions was advanced and resulted in the attraction of an unprecedented number of funded students.
- An additional allocation of \$25,000 in Graduate Teaching Assistantship funding was secured from the Faculty office in 2003. The proposal for the Major concentration in Health Studies will significantly impact on the GTA line in the next cycle.

Strategic objectives related to program articulation and marketing are summarized below.

- The School will provide students with a clearer comprehension of the relationship between their degree programs and choice of vocational outcomes. For a number of reasons, students in the liberal arts now seek increased assurance and accountability from universities for their future employment.
- The School will strengthen coordination of the substantive content between the disciplinary and the professional undergraduate curriculum so that the School's mission is identifiable and achievable within this important nexus.

- The School will emphasize promotion of its programs - publicizing the strengths and results of the strong interdisciplinary nature of professional, science, and arts courses - and accentuating the ways in which our professional activity courses relate to issues of health, wellness and performance.

Progress on these elements has been achieved by the formation of a working group and by the implementation of two forums designed to address issues of opportunities for graduates of the BPHE program.

Specifically:

- The Undergraduate Coordinator, with the cooperation of the Physical Education undergraduate student society (PHESA) planned and implemented an annual *Professional Schools and Graduate Studies Information Fair* in 2002. Displays and presentations at this event are made by a variety of post-degree programs including, but not limited to: graduate programs in basic research, professional graduate programs in the health sector including medicine, chiropractic and physiotherapy. Schools of Law, Public Policy, Education and Business Administration also take part. Further, post degree programs offered through colleges including sports administration, tourism and recreation, massage therapy, and athletic therapy are included. In the last two years presentations and workshops have been hosted by both Queen's Career Services, as well as the Ontario Kinesiology Association, as part of this event.
- In 2003 an ambitious student initiative was undertaken to create an opportunity for students in Physical and Health Education to survey a variety of career opportunities outside stereotypical professional pursuits. The year long preparation for the *Horizons Conference* culminated in a two day event that provided access to sessions on careers in the public sector, the media and the fitness industry. Jock Climie, a litigation specialist practicing in the area of labour and employment law, as well as a twelve year veteran of the CFL and current TSN broadcaster, was the keynote speaker for the event. The conference was attended by a large portion of the fourth year class as well as a number of students from each of the other years of the program. The 2004 committee is in place and planning for the second conference in November 2004.
- A career planning session was introduced as part of the first-year experience for all student sin the Class of PHE '06. Representatives from Career Planning & Placement conducted a two-hour Focus workshop and related discovery task with the entire first-year class. This workshop will continue to be incorporated into the BPHE program as it forms an integral part of the professional development for students in this field.
- In September 2003 a subcommittee of Academic Council was struck with the mandate to evaluate and make recommendations on the relationship between the stated mission of the School and the way in which the School is represented in all marketing initiatives – including the School name. Recommendations are expected in early 2004.

The three remaining objectives outlined in the 2001 strategic plan included:

- The School will maintain and improve the program of practicum courses that provide students with the fundamentals of specific activities and allow them to introduce these activities to others.

- The School will improve the level of community involvement (the School with the community and the community with the School) in program development and student placement opportunities.
- The School will enroll well-qualified and well-rounded secondary school graduates from Ontario and other Canadian provinces who are vitally interested in the profession of physical and health education in the broadest sense of the School mission statement.

Action on these items in 2003 included:

- Ongoing commitment to making no fewer than 2.5 practica credits available annually, of which 1.0 relate to the outdoor experiential program. Further, expertise for the offering of many of the physical activity option is provided by subject matter experts from the broader Kingston community.
- Placement of PHE students through individual courses in the broader community continues to be a hallmark of the program. The Fitness and Lifestyle Centre continues to augment the number of placement for our students within their program offering. This provides valuable credit hours toward many of the certification requirements in the personal training industry.
- The School has updated its website and provides more detailed information to prospective students. Further, new points of contact have been established by the Director and Undergraduate Coordinator at the offer of admission stage. More program specific information is provided to our prospective students. As of 2004 the orientation program for first year students entering the BPHE program will be held off-site at Camp Oconto. The change in venue will facilitate many of the team building and time management initiatives that are vital to success in the program.
- The Undergraduate Coordinator participated in the Ontario University Recruiting Fair in Toronto for three days in late September.

SUMMARY

Significant progress has been made on each of the goals and objectives outlined in the 2001 strategic plan. The document has been invaluable in setting program and staffing priorities for the School. As we go forward we will take the opportunity in the spring of 2004 to take stock of our current position, re-evaluate our immediate plans and re-articulate our short-term objectives. By any benchmark, we are pleased with our progress to date, and look forward to pushing the trajectory of the School to greater heights.

Although not a component of the 2001 plan, space requirements for the School have taken a significant place in our current planning cycle. The approval in principal of the Queen's Centre will result in the development of new space for Athletics and Recreation and for the School of Physical and Health Education. The architects for the project have been appointed and the faculty of the School has begun the space programming exercise. We anticipate a new home for the School within the next five years.

UNDERGRADUATE PROGRAM

Concurrent BPHE Program

Degrees Offered:

- Bachelor of Arts (Minor or Honours) / Bachelor of Physical and Health Education (B.A./B.P.H.E.)
- Bachelor of Science (General or Honours) / Bachelor of Physical and Health Education (B.Sc./B.P.H.E.)

The School of Physical and Health Education offers its students the only program of its kind in Canada, allowing students to complete either an Arts or Science degree as well as a Physical and Health Education degree concurrently within four years of study. The Bachelor of Arts/Science and Bachelor of Physical and Health Education programs are designed to meet the needs of students with widely differing interests and aspirations in the field of sport, fitness and physical activity.

Flexibility is a hallmark of the program, as students may take courses in Arts, Science, Commerce, etc., as well as Physical Education theory and practicum courses while completing their degrees. At the same time, career preparation is maximized through the focus of study into one of four streams: professional, biological sciences, social sciences, and pre-teacher preparation. A strong core program of study is complemented by a broad selection of options to specialize in areas such as: exercise physiology, biomechanics, psychology of sport and exercise, socio-cultural dimensions of sport and physical activity, and fitness.

Within each year of the program, students take more courses than other students in the Faculty of Arts and Science in order to complete the requirements of two degrees, either BA/BPHE or BSc/BPHE. Students can complete the core courses within the BPHE program by the end of second year and then focus on their main interest areas within Physical and Health Education as well as in their Arts or Science program. Students can focus their BPHE program toward the biological science stream for the purpose of leading to careers in exercise rehabilitation, biomechanics, ergonomics, applied health and fitness, and the medical and rehabilitation fields. The social sciences stream can lead to sport and exercise psychology, fitness and lifestyle consultation and socio-cultural studies. The professional stream opens the doors for teaching, fitness leadership, coaching, and athletic therapy, to name a few. The specific stream for teaching is the subject of specialization (SSP) that focuses on pre-teacher preparation and is based on the Canadian Council of Physical Education and Kinesiology Administrators (CCUPEKA) accredited program in teacher preparation.

Students must complete 10.0 concentration credits for the special field concentration in the BPHE degree as well as 3.0 supporting Arts and Science credits (PSYC 100, ANAT 315/316, PHGY 210). The concentration credits include the core program (3.5 credits), at least 3.0 credits at the 300 level or above and at least 0.5 credits at the 400 level or above from a selection of discipline-based courses. The core curriculum includes the following set of courses:

- PHED 105* Professional Development in Physical and Health Education
- PHED 107* Fundamental Activity Practicum
- PHED 153* Introductory Biomechanics
- PHED 155* Introductory Exercise Physiology
- PHED 165* Introduction to the Psychology of Sport and Exercise

PHED 167* Socio-Cultural Dimensions of Sport and Physical Activity
PHED 001 Aquatics Competency Assessment – non credit
PHED 261* Motor Learning and Control

The additional requirements for the SSP stream in pre-teacher training include:

PHED 237* Physical Activities for the Preadolescent
PHED 241* Sport and Society
PHED 333* Sport, Recreation and Exercise for Persons with Disabilities

plus

0.5 credits from the HLTH options

1.5 credits from the activity options

(* denotes 0.5 credit weight, i.e. one semester equivalent)

Over the past calendar year, the undergraduate office has been kept busy staying abreast of a number of major administration changes with immediate and not-too-distant future implementation dates. The most significant of these changes include the central timetabling of all courses, a new degree audit program and the development of a Health Studies Major concentration in the BA (Honours) degree.

Admissions Summary for September 2003

First Year Admissions

The concurrent BPHE program attracts a high number of applicants on an annual basis, and ranks within the top three most popular undergraduate programs at Queen's. One of the most attractive features is that students complete two degrees – a BA and BPHE or a BSC and BPHE – over the duration of the program.

The entry requirements to the concurrent BPHE program are 12U (or equivalent) Chemistry and Biology, in addition to the 12U (or equivalent) English that is required for access to all Queen's programs. In addition, students applying to the BSC program must satisfy the requirements of an additional 12U math or science credit for entry to the program. All applicants to the BPHE program must complete a Personal Information Form (PIF), indicating involvement and achievements outside the classroom. The PIF is assessed a score out of 10 that is added to the admissions average to achieve a composite score. Entry to the program is based on this composite score.

Number of Applications by Gender / Program *

	Male	Female	BA-BPHE	BSC-BPHE	Total
Applications	328	699	444	833	1277
Offers	42	199	57	184	241
Acceptances	17	73	27	63	90
Registration Count on November 1 st	17	72	27	62	89

* some may have applied to and been offered both programs

Source of Applications *

	Ontario	Other Provinces	International	Total
Applications	1,152	82	43	1,277
Offers	227	11	3	241
Acceptances	84	5	1	90
Registration Count on November 1 st	83	5	1	89

* some may have applied to and been offered both programs

Entering Average Distribution Offers * **

	75-79.9%	80-85%	85-90%	90-94.9%	Above 95%
Number of students in range	0	3	43	30	2

* some may have applied to and been offered both programs

** 76 students got numerical averages, 14 students from various institutions received letter grade averages

- 144 offers for scholarships, awards or bursaries were extended with the offers of admission to Physical Education students.
- 2 PHED students were offered and accepted a Queen's Chancellor's Scholarship.

Transfer Admissions

Each year a number of candidates also apply for entry to the concurrent BPHE program as transfer students. Typically the ratio of internal to external applicants is two to one and the total number of offers extended is between four and eight. In June 2003 approximately 55 students applied to transfer to the BPHE program for the 2003-04 academic cycle. Five offers of admission were made, with four individuals accepting the offer to transfer into the concurrent program.

Transfer Requests for June 2003

	Male	Female	BA-BPHE	BSC-BPHE	Total
Applications – Int	12	7	10 (3F + 7M)	9 (4F + 5M)	19
Applications – Ext	13	23	22 (15W + 7M)	14 (8F + 6M)	36
Acceptances – Int	2	1	3	0	3
Acceptances – Ext	0	1	1	0	1

Undergraduate Enrolment

The overall undergraduate enrolment in the School of Physical and Health Education is approximately 375 students. The number of students per year is generally around 90 students.

Enrolment by Year for 2003-04

	Male	Female	BA-BPHE	BSC-BPHE	Total
PHE '07	17	72	27	62	89
PHE '06	14	70	22	62	84
PHE '05	27	65	44	48	92
PHE '04	28	59	31	56	87
Active 5 th year	15	18	21	12	33
Total	101	284	145	240	385

Students on Exchange or Letters of Permission

Typically students participate in exchange programs in the third year of their university career. Over the past several years, two or three students from the concurrent BPHE program have participated in an exchange each year. For the 2003-04 academic cycle, an unprecedented five students went away on exchange for at least one term of study. The most common destination over the past five years has been schools in the British Isles, usually Scotland or England. Most students will try to take courses towards both their BPHE and Arts and Science degrees while away on exchange, however not all schools offer Physical Education courses. On the receiving end, it is usual for at least two students to be visiting our program on exchange or letter of permission from a university abroad or from elsewhere Canada.

Exchange & Visiting Students in 2003-04

	Male	Female	Institution	Total
Students Away on Exchange	0	5	Otago, New Zealand (1) Edinburgh (2) Nat'l U of Singapore (1) Australian Nat'l U (1)	5
Students Studying Abroad	0	0		0
Exchange Students Visiting	1	3	University of Otago (2) U of Heidelberg (1) U of Aberdeen (1)	4
Students Completing Courses on LOP Away	0	0		0
LOP Students Visiting Queen's	0	0		0

BPHE Program Highlights

A. SSP in Physical Education Pre-Teacher Preparation

In September 2001 the School of Physical and Health Education introduced a subject of specialization (SSP) in pre-teacher preparation. The SSP option is designed for BPHE candidates who are interested in pursuing a career in teaching Physical and Health Education in the elementary and secondary school systems. Successful completion of the SSP program will allow students who declare an interest in teacher preparation to receive documentation indicated that they have completed a Physical Education Pre-Teacher Preparation Program accredited by the Canadian Council of University Physical Education and Kinesiology Administrators (CCUPEKA).

Typically one-third to forty per cent of all students entering the concurrent BPHE program indicate an interest in a teaching profession. This stream allows those students to receive optimal training for teaching through the selection of designated courses.

SSP Enrolment in 2003-04

PHE '07	0
PHE '06	27
PHE '05	39
PHE '04	5

B. Key Undergraduate Curriculum Revisions

The October 2003 curriculum submission from the School of Physical and Health Education included a small number of 'house-keeping' items such as changes to course names, prerequisites and calendar descriptions, as well as more substantive changes in the categories of course additions, course deletions and program revisions.

BPHE Program Revisions:

- HLTH 101* (Social Determinants of Health) replaces PHED 105* (Professional Development in Physical and Health Education) in the core program of the BPHE PHED SPF and SSP programs. The BPHE SPF and SSP degree requirements change as a result of this program revision. Students will now take HLTH 101* (Social Determinants of Health) as a core course in the BPHE program. The inclusion of a health related course in the core program is more directly aligned with the mission of the School.

This change to core program results in a change to the degree requirements for students in the SSP stream as they will no longer be required to select an option course towards their degree from the health content area. The net effect is an increase by 0.5 credits in the number of non-designated option courses that they may select to fulfill degree requirements.

Course Additions to BPHE Program:

- PHED 251* (Introduction to Statistics).
PHED 251* represents a renumbering of PHED 351*.
- HLTH 101* (Social Determinants of Health) is a new course offering.
- HLTH 252* (Research Methods) is a new course offering.
- HLTH 334* (Race, Class, Gender and the Study of Health)
HLTH 334* is the permanent number and name attached to the new course offered by Dr. Samantha King, which was offered under the special topics course number in the 2003-04 academic cycle.

Course Deletions from BPHE Program:

- PHED 105* (Professional Development in Physical and Health Education)
PHED 105* was removed from the course offerings and from the core program for the BPHE degree due to issues surrounding definition of substantive content, inconsistencies in the course content and lack of stable leadership.
- HLTH 231* (Health: Contemporary Issues)
HLTH 231* has been replaced by HLTH 102* (Physical Determinants of Health). Due to overlapping content with existing PHED courses, students in the BPHE program will not be allowed to access this course for credit.
- PHED 467* (Political Economy of Canadian Sport).
PHED 467* has not been offered for at least seven years due to lack of leadership to teach this course.

C. THANK-Q Program

In April 2003 the graduating class of PHED 2003 pledged funds for library acquisitions through the annual Thank Q Program.

D. Undergraduate Achievements, Awards & Scholarships

Graduating Class of 2003

Between the Convocation ceremonies held in June and October, 73 students graduated from the concurrent BPHE program in 2003. Thirty-three students graduated with a general Bachelor of Arts (BA) and their BPHE degree; 28 students graduated with a general Bachelor of Science (BSC), one student graduated with an honours Bachelor of Arts (BAH) and one student graduated with an honours Bachelor of Sciences (BSCH). Eleven students received their BPHE degree only.

Nineteen students were awarded their BPHE degree with distinction (that is, achieving a minimum cumulative BPHE average of 80%).

Julie Kelly was awarded the Medal in Physical and Health Education as the top student in the subject area.

Dean's Honour List with Distinction (top 3% in program)

8 students in total (two per year)

Dean's Honour List (achieve 80% or better in the academic year)

First year	19 students	(19/85)
Second year	16 students	(16/86)
Third year	37 students	(37/88)
Fourth year	19 students	(19/91)

The total number of students on the Dean's Honour List and Dean's Honour List with Distinction in 2002-03 was 91 of 350 students, representing 26% of the students eligible for consideration.

Undergraduate Teaching Awards

The 2003 undergraduate teaching awards were presented at the year-end formal in March.

PHESA '88 Excellence in Teaching Award (Theory) was awarded to Mary Louise Adams.

PHESA '88 Excellence in Teaching Award (Activities) was awarded to Bill Sparrow.

Major Undergraduate Awards

Award	Recipient
C.A.H.P.E.R.D. Undergraduate Student Award	Bell Wells
C.S.E.P. Medallion	Julie Kelly
Danielle Polk Memorial Award	Kristen Giller
Don Krestel Memorial Award	Julia D'Aloisio
Fred Lamble Bartlett Award	Dylan Walters
Ontario Hockey Association Scholarship	Tyson Plesuk
PHE 50 th Reunion Volunteer Recognition Award – 2 nd yr	Meaghan Kinlin
PHE 50 th Reunion Volunteer Recognition Award – 3 rd yr	Tyson Plesuk
PHE '75 Book Prize	Meredith Stockie
Reuben Wells Leonard Scholarship – Entering 4 th yr	Kelly van Diepen
Reuben Wells Leonard Scholarship – Entering 3 rd yr	Rachelle Good
Ron Stewart Physical Education Prize	Brad Millington
Stephen J. Hobbs Award	Eric Wong Kai Pun
Stewart Langdon Memorial Award	Rachel Williamson

BPHE Students on CIS Academic All Canadian List

Each year the Canadian Interuniversity Sport (CIS) union names student-athletes to the Academic All Canadian list for attaining at least an 80 per cent overall academic average while competing in a CIS sport. In June of 2003, 19 of the 93 students named to this list at Queen's University were students in the concurrent BPHE program.

BPHE Students on OUA Academic All Star List

Each year the Ontario University Association (OUA) for interuniversity sport names student-athletes to the Academic All Canadian list. As with the CIS Academic All Canadian listing, students must attain at least an 80 percent overall academic average in order to receive this honour. In June of 2003, 8 of the 104 students named to this list at Queen's University were students in the concurrent BPHE program.

HEALTH STUDIES PROGRAM

Degrees Granted:

- Bachelor of Arts Minor in Health Studies - 3 years; 15.0 credits
- Bachelor of Arts Honours Medial in Health Studies - 4 years; 19.0 credits

Health Studies is a popular interdisciplinary program administered through the School of Physical and Health Education. Health Studies is a social science concentration focusing on the enhancement of health and wellness from an individual and population perspective. Being a social science concentration, most courses are based in the humanities and socio-cultural disciplines, versus the natural sciences. Arts and Science students may work towards a B.A. degree with a minor concentration in Health Studies, or when combined with another discipline, a B.A. (Honours) degree with a medial concentration in Health Studies.

The Health Studies program is interdisciplinary in content, with option courses from a variety of departments including Physical and Health Education, Women's Studies, Nursing Science, Psychology, Philosophy, and Sociology, among others. The concentration builds on the foundation courses of Contemporary Issues in Health (HLTH 231*) and Introductory Human Anatomy (ANAT 101*) plus a supporting course in Principles of Psychology (PSYC 100). Students in this concentration often combine their interest in health and wellness with a complementary social science concentration (for example, Psychology, Sociology, Women's Studies, etc.) for the purpose of pursuing employment with health care agencies, regional health units, and various community associations. Students considering graduate work in the Health field will require a minimum of the medial concentration to pursue further studies.

The breadth of course offerings and the flexibility of course selection provides students with the opportunity to either focus on a particular aspect of the Health field, for example nutrition or aging, or to attain a broader understanding of health-related issues through a diverse selection of courses. Some of the more popular course selections include Abnormal Psychology, Biomedical Ethics, Sociology of the Canadian Health Care System, and Physical Fitness and Wellness.

Admission requirements are the same as those for any other Bachelor of Arts concentration. Program specifics are available in the School of Physical and Health Education section of the *Arts and Science Calendar*.

Approximately 100 students are completing the Health Studies MED concentration in 2003-04. The most common medial combination is Health Studies and Psychology, with approximately one third of the students completing these concentrations. In addition, there are approximately 92 students registered in the HLTH MIN concentration.

In 2003, 14 students in the Faculty of Arts and Science were awarded their BAH MED HLTH and 14 students received a BA MIN HLTH at either the spring or fall convocation ceremonies.

Proposal for a Major Concentration in Health Studies

In October 2003 the School of Physical and Health Education (SPHE) submitted a proposal for the creation of a new undergraduate program in Health Studies that will address subject areas that bear on human health in its broadest sense and is designed to meet the needs of students in contemporary Canadian society. The proposed Health Studies curriculum (BAH MAJ and MED HLTH) builds on a strong liberal arts base and is organized around a framework that includes a broad overview of the behavioural and social sciences. The program is designed to provide students with the skills to respond to the demands and issues of an increasingly complex public health care system in Canada. Students will explore comprehensive bodies of knowledge, strategies and experiences that will encourage professional growth and development.

The core competencies sequence includes:

- Health Process (i.e. introduction to determinants of health, methods of evaluation, assessment and implementation of programs and policy)
- Health Content (i.e. nutrition, sexuality, women's health, drug use, etc.)
- Supporting knowledge and concepts fundamental to the evaluation of health (i.e. behaviour, policy, communities of practice)

This program will complement the existing Bachelor of Arts (Honours) Medical Health (BAH MED HLTH) and the Bachelor of Physical and Health Education (BPHE) degrees as well as other interdisciplinary programs (e.g. Development Studies, Environmental Studies, Women's Studies, etc.) within the Faculty of Arts & Science.

A graduate of this program should possess the qualities desired of all Queen's graduates – that is, the ability to exercise good judgment based on scientific, philosophical, esthetic and quantitative knowledge. More specifically, the graduate should grasp how health care policy and social and environmental factors influence the health of individuals and populations.

A second objective of the program is to ensure that within the pursuit of a degree program in Health Studies, the students' undergraduate experience remains intellectually broadening and allows them sufficient flexibility to change their degree concentrations if/as their interests change. To this end, students in the program focus upon essential, broad, introductory knowledge in the social and behavioural sciences.

The third objective is the creation of programs of study that provide students with the type of interdisciplinary, substantive knowledge that will place them at the forefront of undergraduates in the area of human health. To this end and in accordance with the Faculty's degree requirements, the BAH MAJ and MED HLTH have particular requirements to ensure that specific learning outcomes are met.

The BAH MAJ HLTH is proposed as a 19.0 credit program with 10.0 required credits. Among the 10.0 prescribed credits, students will have 1.0 required basic social science credits, at least one course credit in anatomy and human physiology, a specialized cluster of 1.5 research methods/epidemiology credits, and specialized courses in the social and physical determinants of health, health promotion, nutrition, population health, health psychology, health policy, and biomedical ethics. Students may use their 9.0 elective credits to pursue a broader exposure to a variety of undergraduate courses or they may specialize in particular subject areas (e.g. geography, psychology, sociology, philosophy) to complement their health studies program.

The revised BAH MED HLTH stipulates 7.0 credits with 1.0 supporting credits. The proposed curriculum is complementary to that proposed for the major concentration. This affords students the option to move between the BAH MAJ and MED without penalty through years one and two of the program.

In addition to the main objectives noted above, the BAH MAJ and MED HLTH program is designed to meet a number of additional pressing and important Faculty and University-wide objectives.

With respect to undergraduate education:

- In the rapidly growing, interdisciplinary study of human health, the BAH MAJ and MED HLTH program will provide Queen's undergraduates with deeper, more specialized programs of study than they can currently enjoy.
- The introduction of this new program in HLTH will enable Queen's to successfully compete for highly motivated, well qualified high school students graduating from various secondary school systems who are currently choosing other universities because they offer the types of specialized programs in human health that these students desire and Queen's does not currently offer.¹
- The proposed program in HLTH will provide undergraduate students with the opportunity to focus upon one or more of the "four pillars" that the Canadian Institutes of Health Research have identified as central to contemporary issues in health (i.e. biomedical science, clinical science, health systems and services, and health of populations).
- Finally, application and enrolment trends over the past 14 years show that there is a consistently growing interest, on the part of undergraduate students, in Life Sciences and health. The SSP programs in Life Sciences and Biochemistry, however, are designed primarily for students interested in a heavily laboratory-focused study of the basic medical sciences. As such, these programs are very resource intensive and they have become so saturated with student enrolments that many of the programs' original objectives must be compromised. Part of the reason for the saturation is the absence of suitable, complementary, alternatives. The BAH MAJ and MED HLTH program will provide an alternative that will meet student interest and may alleviate the enrolment pressures in Life Sciences.

With respect to faculty activity and development:

- The interdisciplinary nature of the proposed HLTH program and the administrative arrangement that will oversee the delivery will provide a structure within which there will be more consistent, day-to-day interaction among departments and individual teachers/scholars in the human health area thereby increasing cross-fertilization in teaching and research among those colleagues.

The BAH Health Studies proposal was submitted to the Arts and Science Curriculum committee for review and approval in the fall of 2003. Following approval at that level the document moved through the adjudication process as mandated by Senate. Pending approvals from all levels of the organization the BAH Health Studies program is slated to accept its first class in September 2004.

¹ Ontario universities Brock, McMaster, Ryerson, the University of Toronto, the University of Waterloo, the University of Western Ontario, and York all currently offer specialized undergraduate programs in health.

STUDENT ACCOMPLISHMENTS

PHESA Executive 2003-04

Co-Presidents	Kristin Giller Dylan Walters
Finances	Akshay Seth
Communications	Paige Olmsted
Internal Affairs	Beth Wells
Alumni Affairs	Brett Kane
'04 Year Rep	Anya Scheibmayr
'05 Year Rep	Jodi May
'06 Year Reps	Meghan Huehn Amy Lanthier
'07 Year Reps	Keira Loukes Robin Goody
Senior Academics	Christine Kobelka
Junior Academics	Ashley Masterson
Activities	Kate MacKay Jen Foley
Merchandise	Janice Chan
Sr. WIC Rep	Sarah Barradas
Jr. WIC Rep	Ashley Williams
SR Bews Rep	Mike Fisher
Junior Bews Rep	Dain Wallis
ASUS Rep	Brad Callaghan
Social	Robin Glenney
Network Admin	Vacant
Horizons Liaison	Lindsay Bolton

PHESA Events

<i>January-April:</i> Used Book Sale Merchandise Sale Photo-Adventure Beers with Profs Ski Trip Formal Volunteer Appreciation Night	<i>September to December:</i> Used Book Sale Beach V-Ball Tournament Coffeehouse Alumni BBQ Merchandise Sale Movie Night Coffee with Profs Inter-Faculty Capture the Flag Girls Touch Football Tournament Pub Crawl Semi-Formal
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PHESA Involvement

Peer Pals Peer Tutors Cardio Cube Crew Cover your Crest Frontenac Public School Volunteering	Run for the Cure (Oct) Horizons Career Conference (Nov) Our Toes are Froze (Jan) Tree of Life (Dec) Coaches Corner Newsletter (monthly)
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GRADUATE PROGRAM

The School of Physical and Health Education offers the following graduate degree programs:

- Master of Arts in the "Social Sciences" (Psychology of Exercise and Sport; Sociology of Sport; Human Expert Performance)
- Master of Science in the "Natural Sciences" (Biomechanics/ Ergonomics; Physiology of Exercise)
- Doctor of Philosophy in "Applied Exercise Science."

The School's research programs are recognized both nationally and internationally, providing students with a top quality learning experience. The Graduate Program is led by dedicated faculty who have achieved worldwide experience in the broad field of health promotion, disease prevention and healthy sports participation.

The Graduate Program averages a total of 35 full time students per year. Nine students graduated during the 2003 calendar year. This included 2 M.A. students, 6 M.Sc. students and 1 Ph.D. student. There were 4 new Master's (MSc), 7 new Master's (MA) students and 6 new Ph.D. students admitted to the graduate program within the 2003 calendar year.

The Graduate Orientation Week was conducted from 2-6 September 2003. Activities included special sessions on goals and expectations, human rights, health and safety, an interactive TA roundtable discussion and a special TA training session for new TAs. All sessions were well attended by graduate students and faculty members.

Graduate Student External Awards 2003:

- 4 - Graduate Scholarships in Science and Technology (OGSST)
- 3 - Ontario Graduate Scholarships (OGS)
- 3 - Samuel R. McLaughlin awards from Queen's University
- 2 - Social Sciences and Humanities Research Council of Canada awards (SSHRC)
- 1 - Heart and Stroke Foundation Award
- 1 - Natural Sciences and Engineering Research Council of Canada (NSERC)
- 1 - Franklin Bracken award

SUMMARY OF CURRENT RESEARCH

Adams, Mary Louise (Socio-Cultural Studies)

My research investigates sexuality and gender in sport. I am currently writing a book manuscript called "Artistic Impressions: Figure Skating, Masculinity and the Limits of Sport." Based on historical and contemporary sources, this project uses the history of figure skating to help us understand how definitions of masculinity have evolved over the last two hundred years. While figure skating is currently considered to be a "girl's sport," it was practiced almost exclusively by men in the 1800's. My work is an attempt to explain this shift and to study its consequences. Funded by the Social Sciences and Humanities Research Council, the project is primarily based on archival research. Sources for the project have been studies at the British Library in London, at the National Library of Austria in Vienna, and at the National Library in

Berlin. I also analyze media coverage of contemporary figure skating competitions. Recently I have begun a related project that looks at the history of representations of masculinity in dance.

Beamish, Rob (Socio-Cultural Studies)

My research interests involve the development of critical social theory and its application to the understanding of sport. Of particular interest is the development of sport policy in Canada, the professionalization of high performance sport, and the use performance enhancing substances by high performance athletes. Dr. Beamish is currently working on a co-authored monograph that will critically examine the development of banned substance policy, banned substance use, and the health and rights of high performance athletes.

Costigan, Pat (Biomechanics)

I am interested in the factors involved in the development of knee osteoarthritis, how the symptoms of osteoarthritis influence the activities of daily living and what methods can be used to improve the quality of life for those suffering from osteoarthritis. The main approach uses biomechanical tools and techniques to objectively measure performance during everyday activities such as walking and stair climbing. The performance measures, including joint forces and moments, quantify the mechanics of the disease state helping us understand how the disease is manifest in the patient's motion. Once the motion profile is understood, we can begin to investigate the effect that interventions such as bracing, exercise or time have on these objective measures and if these interventions influence the patient's quality of life. As we improve our understanding of the relationship between the mechanics of OA and the subject's perception of their health, we will be better able to define specific interventions that may delay the progression of the OA disease, decrease functional deficits or improve the accuracy of the patient's perception of their health.

Côté, Jean (Psychology of Sport and Physical Activity)

My research focuses on understanding and facilitating the development of expertise and participation in sport and exercise. The development of expertise and participation is viewed broadly and includes important considerations such as the influence of significant individuals (families, coaches, peers), motivation and emotions, and teaching and learning. The developmental approach allows consideration of novice through expert individuals or from youth sport participants to world-class performers. Because sport provides a platform for learning and developing self-control, this line of research is relevant to standards for education. There is a growing body of literature in developmental psychology recognizing the importance of sport as a pro-social activity that can contribute to a positive life trajectory. Sport is an activity in which youth have reported experiencing the unusual combination of high intrinsic motivation and determined engagement over extended periods of time. Sport, therefore, is a context that is optimally suited to preparing youth to realize high levels of achievement throughout their lives. Through my research what we have learned about participation and expert performance in sport and its acquisition is application to understanding and improving competence in other domains such as school and the workplace. The ultimate objective of my research is for more people to attain competence at higher levels than ever before.

Deakin, Janice (Motor Behaviour)

Two distinct areas of research are conducted within the motor behaviour laboratory. The first program area is devoted to the evaluation of the development of expert performance. Expertise has been examined in a variety of sport settings including figure skating, the martial arts, basketball and volleyball, with a view to understanding the constituent components underlying exceptional levels of performance. We have recently extended our investigation to include the influence of skill level of coaching behaviour.

The development of bona fide physical occupational requirements is the second research program in our laboratory. The development of empirical and statistical models for the establishment of physical occupational standards is a central component of this research theme. Graduate students in this program are routinely involved in large-scale data collections that involve physical demand analyses, task development and statistical modeling of specified occupations in the public sector.

Katzmarzyk, Peter (Physical Activity Epidemiology)

The focus of my research program over the next five years is on identifying genetic and non-genetic risk factors for obesity, coronary artery disease and type 2 diabetes, with a special emphasis on physical activity and physical fitness. Of particular interest is the relationship between risk factors in childhood and the future development of chronic conditions in adulthood. To this end, we have established a large network of collaborations with partners across Canada and the United States, and are currently involved with such studies as the Quebec Family Study, the Canada Fitness Survey, the HERITAGE Family Study and the Bogalusa Heart Study. We also use existing publicly available databases, including the National Population Health Surveys (NPHS) and U.S. National Health and Nutrition Examination Surveys (NHANES), to determine population-level trends in physical inactivity and obesity in order to determine the public health impact of these risk factors.

King, Samantha (Sociology of Sport/Health and Illness)

My current research explores the cultural history of breast cancer, in the United States, from 1970-2003. In a book-length manuscript entitled, Pink Ribbons Inc: Breast Cancer Culture and the Politics of Philanthropy, I trace how breast cancer has been transformed in the public eye from a stigmatized affliction and individual tragedy best dealt with privately and in isolation, to a neglected epidemic worthy of public debate and political organizing, to an enriching and affirming experience during which women with breast cancer are rarely "patients" and mostly "survivors." In mapping how and why these shifts have occurred, the book focuses particularly on the role of consumer-oriented philanthropy, and practices such as breast cancer-related marketing, in the reconfiguration of the disease. These strategies are among the most visible and accessible modes of public participation available in the fight against breast cancer and, my research suggests, have profoundly altered how the disease is perceived by the public, treated by biomedical professionals, and experienced by the women who live with it. In addition to this manuscript, which is due for completion in August 2004, I am working on a project that examines the charitable activities that are now a compulsory component of any professional athlete's job description. This work, which grew out of a series of articles in which I explored the National Football League's breast cancer-related marketing campaign, is concerned with identifying the racialized and gendered deployment of philanthropic practice as an ideal of

citizenship and interrogating the role of sport culture in political struggles over poverty, welfare, and responsibility.

Lévesque, Lucie (Health and Exercise Psychology)

My research program focuses on intervention and evaluation issues related to physical activity for the prevention of obesity and diabetes in two distinct settings: community and primary care. I continue to lead projects and supervise students through the CIHR funded Kahnawake Centre for Research and Training in Diabetes Prevention. Ongoing projects include collaboration with Sandy Lake to investigate a “best practice” model for diabetes prevention in Aboriginal communities. A new collaboration with a Cree community in Moose Factory, Ontario will allow further dissemination of the Kahnawake Schools Diabetes Prevention Project model and will provide research opportunities to assess how this model is adapted and implemented in other communities. Current projects under the physical activity axis of our research address three broad objectives: 1) understanding the determinants of physical activity behaviours of Kahnawake children; 2) understanding the barriers to and facilitators of the implementation of physical activity interventions in Aboriginal communities; and 3) improving evaluation methods. Each of these research objectives are addressed through an ecological perspective whereby the multiple pathways influencing physical activity involvement (and other health behaviours) are considered (i.e., the individual, the family, organizations, the community and policies). A second setting for pursuing my research agenda is the CIHR funded Prevention and Reduction of Obesity through Active Living (PROACTIVE): An Effectiveness Trial, whereby our group will be assessing the effectiveness of a 24-month individually-based behaviour change program to prevent and reduce obesity and related co-morbid conditions through the promotion of daily physical activity involvement and healthy eating within a primary care setting.

Ross, Bob (Physiology of Exercise)

Over the next five years our research program will focus on several objectives. The initial objective is twofold. First, to determine the mechanisms (processes) that explain the age-related deterioration in functional capacity and insulin resistance. Second, to develop effective, lifestyle based therapeutic strategies designed to reduce abdominal obesity, improve functional performance and cardiovascular risk profile in the elderly. It is anticipated that the results of this research will provide a better understanding of the processes that explain the age-related deterioration in glucose tolerance, thereby providing the basis for improved therapeutic strategies, the reduction in health risk, and an improved functional capacity among elderly persons. A second objective will be to develop and implement an effectiveness trial for obesity reduction. Along with our colleagues Drs' Katzmarzyk and Levesque from the School we have developed a “New Emerging Team” and have been awarded 1.6 million dollars from CIHR to implement a 5 year randomized control trial entitled: ‘Prevention and Reduction of Obesity through Active Living (PROACTIVE): An Effectiveness Trial’. The primary aim of the PROACTIVE trial is to assess the effectiveness of a 24 month behaviourally based exercise and diet program to prevent and reduce obesity and related co-morbid conditions in abdominally obese men and women.

Smith, Geoff (Historical Studies of Sport)

I am conducting research on a number of related items. I am interested in intersecting themes of sport, health, and security, especially in international contexts. I am currently working on two books, one tentatively titled "Contagious Subversion: Sex, Security, and the Cold War United States," the other "The Olympic Games in an Era of Revolution, 1960-1984". I also work on health related subjects, including the metaphorical usage (and popular culture appearances) of STDs in security discourse by elites, and the self-defeating character of "drug wars" from the Opium Wars of the 1840s through the current "war" in Latin America. I am an historian with experience in several fields, including cultural studies, sociology, and political science.

Stevenson, Joan (Biomechanics and Ergonomics)

My research foci are centered on two main themes: reducing the prevalence of low back pain and ergonomic design of equipment. In the area low back pain, my NSERC research program is focused on an examination of strength-based and technique-based factors that combine to determine an individual's lifting technique. By working with doctoral students, this basic work has led to the development of an on-body lift assistive device (PLAD) that is funded by a CIHR operating grant. The PLAD is attached at the shoulders, pelvis and knees and has elastic elements that are stretched as a person lowers their body in preparation for lifting. The elastic elements help the person extend in the back, and thighs during the up-phase of the lift. Current research is centered on refining the device and testing potential contra-indications to its use. Then, we propose to test subjects who are in rehabilitation programs as a result of a back injury or subjects who are continuing to work with back pain.

The second research area is developing objective measures to assist with the design of new load carriage systems. With colleagues from the Ergonomics Research Group, we have developed mannequin-based simulators that can be used to measure pack stiffness, load distribution on the shoulders and waist, pack-person motion, skin contact pressures and forces and moments at the hips. These measures were validated against soldiers' opinions of eleven different pack-based systems. Using these tools, we helped design and evaluate the new Canadian military load carriage system; specifically, the fragmentation vest, tactical assault vest and rucksack. We are currently working on a dynamic biomechanical model to determine the backpack pressures and forces on the body. This will be used in a load carriage limit equation that will help military commanders make better estimates of the loads soldiers can carry over certain marching conditions. In addition, we are researching backpacks for children. We are examining the appropriateness of various pack designs to minimize poor body and spinal postures, developing educational programs to teach proper mechanics to Grade 5 children and developing a backpack rating system to help parents, manufacturers and children make better backpack choices. These approaches and assessment tools use biomechanical outputs to help make design decisions.

Tschakovsky, Michael (Physiology of Exercise)

Our laboratory is pursuing four (4) primary research initiatives.

Our first initiative is *The Venous Circulation: Regulatory Mechanisms and Functional Impact in Humans*. While the arterial side of the circulation is subject to intense study, relatively little is known about the venous system. This research program will foster the development of

innovative combinations of existing non-invasive and invasive experimental approaches to investigate the role of veins in determining muscle blood flow adaptation and blood pressure regulation. The strength and significance of this research plan is the elucidation of venous control mechanisms and their function within the intact human system.

Our second initiative is the *Stimulus-Specificity of Flow-Mediated Vasoregulation in Humans*. Insight into the function of the vascular endothelium can be obtained by measuring the dilation of a blood vessel in response to increases in flow through that vessel. We have recently developed an exciting new technique that allows us to investigate details of the vascular endothelial responses to changes in blood flow through a large vessel like the brachial or carotid artery in humans.

Our third initiative is the *Characteristics and Mechanisms of Exercising Muscle Blood Flow Adaptation in Chronic Obstructive Pulmonary Disease: Role in Determining Exercise Tolerance*. The inability to engage in the normal activities of daily living is one of the most distressing experiences faced by people with chronic obstructive pulmonary disease (COPD). Exercise tolerance in these patients is markedly reduced. As a result these persons tend to avoid physical activity, and can decline into disability and social isolation. Understanding the causes of exercise intolerance in COPD is therefore critical.

Our fourth initiative is the *Blood Flow Dynamics in Exercising Muscle*. The adaptation of blood flow to exercising muscle is a critical determinant of muscle metabolism and therefore function in exercise. However, our understanding of the time course of this adaptation and the factors that affect this time course remains limited.

Larry Wolfe (Physiology of Exercise)

The exercise/pregnancy research program was established in 1985. Its purpose is to gain new knowledge on physiological interactions between pregnancy and exercise and to generate evidence-based guidelines for exercise during pregnancy.

Current directions include effects of pregnancy on responses to prolonged exercise (supported by Canadian Forces Personnel Support Agency), causes of breathlessness (dyspnea) in healthy pregnancy (supported by William M. Spear Endowment Fund and Ontario Thoracic Society), changes in respiratory function in early pregnancy (supported by Ontario Thoracic Society) as well as phasic menstrual cycle effects on acid-base regulation and respiratory chemoreflex sensitivity (supported by Ontario Thoracic Society).

In cooperation with other researchers at Queen's, we have developed a proposal to explore the usefulness of prenatal exercise to prevent or treat preeclampsia (a very serious and common maternal fetal disease with no known effective treatment). Grants from the Garfield Kelly Cardiovascular Research and Development Fund, the Advisory Research Committee and the Physicians' Services Incorporated Foundation have been received to support pilot work and equipment for this new research direction.

RESEARCH GRANTS (current/ongoing)

Funding Source	Project Title	Total Grant	Start/End	Researchers
Queen's Chancellor's Award	Bodies, Gender, and the Meaning of Movement in Figure Skating and Dance	\$60,000	2003-2008	Adams, M.L.
SSHRC	Standard Research Grant	\$35,000	1999-2004	Adams, M.L.
CIHR	Perceived Function in People with Knee Osteoarthritis	\$105,000	2002-2005	Costigan, P.A.
Queen's ARC	The relationship between knee proprioception and gait analysis	\$4,500	2002-2003	Costigan, P.A.
Hockey Canada Research Program	A multidisciplinary approach to measuring the effects of introducing bodychecking at the atom level	\$64,601	2003-2004	Côté, J.
SSHRC	A Lifespan Perspective on Sport Performance and Commitment	\$91,344	2002-2005	Côté, J.(PI), Deakin, J.M.
SSHRC	Cognitive effort and reflection as the common basis for deliberate practice	\$63,806	1999-2003	Van Gyn, G & Deakin, JM
SSHRC	Neighbourhood and Individual-level Determinants of Inequities In Physical Activity and Health	\$621,997	2001-2004	Katzmarzyk, P.T.
Heart and Stroke Foundation	Obesity, Gender and Future Coronary Heart Disease Risk in Canada	\$75,000	2002-2005	Katzmarzyk, P.T.
CIHR	Workshop Grant: Obesity and Mortality Risk: Revisiting the Canada Heart Health Surveys	\$3,634	2003	Katzmarzyk, P.T
CIHR	Development Grant: Obesity, Environment and the Modification of Health Risk	\$5,000	2003	Katzmarzyk, P.T
CIHR	Kahnawake Centre for Research and Training in Diabetes Prevention (KCRTDP)	\$2,559,232	2001-2006	Lévesque, L
CIHR	Diabetes in the Aboriginal Population: Defining, Understanding and Controlling and Emerging Epidemic	\$2,531,685	2001-2006	Lévesque, L

CIHR (New Emerging Team Grant)	(PROACTIVE)	\$1,500,000	2003-2008	Ross, R (PI) Katzmarzyk, P.T. Lévesque, L.
Hoffman La Roche	Reducing Obesity...Elderly	\$400,000	2002-2007	Ross, R
Heart and Stroke Foundation	Obesity Reduction	\$75,000	2002-2005	Ross, R (co-investigator)
CIHR	Reducing Obesity ... elderly	\$675,000	2002-2007	Ross, R
NSERC-CHRP	Adenosine and Caffeine	\$409,875	2001-2003	Ross, R (co-investigator)
Premiere's Research Excellence Award (PREA)		\$100,000	1999-2004	Ross, R
Premiere's Research Excellence Award (PREA)		\$50,000 (US)	1999-2004	Ross, R
Mars Corporation (USA)	Reducing obesity.....	\$50,000 (US)	2000-2004	Ross, R
PWGSC	Development of the Dynamic Biomechanical Model using a Portable Measurement System	\$117,000	2003-2004	Stevenson, J.M, Morin, EL, Byant, J.T.
PWGSC	Development of a NATO Allied Testing Procedure for Load Carriage Systems	\$10,000	2003	Stevenson, J.M, Bryant, JT, Morin, E.L.
Ontario Chiropractic Association	Guidelines for Pack Design and Use for Children: A Multidisciplinary Approach	\$30,000	2003-2005	Stevenson, J.M.
NSERC	Summer Students - Carrie Johnston and Shannon Reed	\$8,000	2003	Stevenson, J.M.
PWGSC-DCIEM	Development of a Dynamic Biomechanical Model of Human Load Carriage – Phase 4	\$95,075	2002–2003	Stevenson J.M, Bryant, JT, Morin E.L.
PWGSC	Development of a Portable Measurement System for Biomechanical Data: Phase 2 & 3	\$144,750	2002–2003	Morin, E.I, Stevenson, J.M, Bryant, J.T.
WSIB	Preventing Chronic Disability: A Sub-acute Cognitive-Behavioural Disability management Program for Occupational Injury to the Lower Back	\$191,400	2002-2004	Tripp, D, Stevenson, J.M, Faris, M.

WSIB	Evaluation of Whole Body Vibration Seat Mechanics and Sitting Posture in Large Mobile Equipment	\$246,324	2002-2004	Eger, Salmoni, Plamondon, Stevenson, J.M., Boileau, LaRiviere, Delistle, Labelle
NSERC Operating Grant	Biomechanical and statistical strategies to study technique and strength attributes that affect lifting performance	\$ 145,000	2001-2006	Stevenson, J.M., Smith J.T.
NSERC Operating Grant	The Venous Circulation: Regulatory Mechanisms and Functional Impact in Humans	\$115,200	2002-2005	Tschakovsky, M.E.
Ontario Thoracic Society Block Term Grant	Exercise Intolerance in COPD: Impaired Adaptation of Limb Oxygen Delivery to Exercise	\$20,304	2002-2003	Tschakovsky, M.E.
Ontario Thoracic Society Grant-in-Aid	Limb Oxygen Delivery Adaptation to Exercise in COPD...	\$69,996	2002-2003	Tschakovsky, M.E.
Ontario Thoracic Society	Respiratory Limitation to Exercise Tolerance in Late Gestation: Fact or Fiction? (Operating Grant)	\$28,455	2002-2004	Wolfe, L.A., O'Donnell, D.E., Davies, G.A.L.
Ontario Thoracic Society (Block Term Grant)	Equipment Request for Studies of Acid-Base Regulation and Chemical Control of Ventilation	\$9,800	2002-2003	Wolfe, L.A.
Spear Foundation For Pulmonary Research	Respiratory Limitation to Exercise Tolerance in Late Gestation: Fact or Fiction? (Equipment Grant)	\$8,000	2002-2003	Wolfe, L.A., O'Donnell, D.E., Davies, G.A.L.
Physician's Services Inc. Foundation	Value of Prenatal Exercise to Prevent Preeclampsia	\$58,000	2003-2005	Davies, G.A.L., Wolfe, L.A.
Garfield Kelly Foundation	Effects of Prenatal Exercise and Preeclampsia on Indices of Vascular Endothelial Function: A Pilot Study	\$5,000	2003-2004	Wolfe, L.A., Davies G.A.L.
Advisory Research Committee	Effects of Prenatal Exercise and Preeclampsia on Indices of Vascular Endothelial Function: A Pilot Study (Equipment Grant)	\$4,000	2003-2004	Wolfe, L.A.

Ontario Thoracic Society	Phasic Menstrual Cycle Effects on Acid-Base Regulation and Chemoreflex Sensitivity	\$19,255	2003-2004	Wolfe, L.A., Davies, G.A.L.
Spear Foundation For Pulmonary Research	Phasic Menstrual Cycle Effects on Acid-Base Regulation and Chemoreflex Sensitivity (Equipment Grant)	\$13,295 (\$4,340 overlap)	2003-2004	Wolfe, L.A., Davies, G.A.L.

Graduate Students – Status in Program

Degree – MA

Name	Supervisor(s)	Year Started
Allain, Kristi	Cantelon, H	2001
Charpentier, Karine	Deakin, J.M. / Côté, J.	2002
Foran, Amanda	King, S.	2003
Kirby, Allison	Lévesque, L	2003
Korell, David	Côté, J	2003
MacDonald, Dany	Côté, J	2003
Scott, Jennifer	Smith, G.	2003
Trainor, Teresa	Côté, J / Adams, M.L.	1998
Wall, Michael	Côté, J	2001
Warner, Anne	Adams, M.L.	2003

Degree – MSc

Name	Supervisor(s)	Year Started
Brackley, Heather	Stevenson, J	2002
Cross, Giselle	Costigan, P	2002
Kerr, Jonathan	Tschakovsky, M	2003
Kilpatrick, Katherine (PT)	Ross, R	1999
Mason, Caitlin	Katzmarzyk, P	2003
Murphy, Carol	Stevenson, J	2003
Nettlefold, Lindsay	Wolfe, L	2003
Reid, Samantha	Stevenson, J	2003
Rogers, Anna	Tschakovsky, M.E.	2002
Saunders, Natasha	Tschakovsky, M.E.	2002
Slatkovska, Lubomira	Wolfe, LA	2002
Watts, Meghan	Ross, R	2002
Wiltshire, Victoria	Tschakovsky, M	2003
Wirch, Jennifer	Wolfe, LA	2002

Degree - PhD

Name	Supervisor(s)	Yr Started
Abdoli, Mohammed	Stevenson, J	2001
Agnew, Michael	Stevenson, J	2003
Ardern, Christopher	Katzmarzyk, P	2002
Davidson, Lance	Ross, R	2002
Eger, Tammy (PT)	Stevenson, J	2002
Fraser-Thomas, Jessica	Côté, J / Deakin, J	2002
Horton, Sean	Deakin, J	2003
Jensen, Dennis	Wolfe, L	2003
Kuk, Jennifer	Ross, R	2003
Lee, So Jung	Ross, R	2001
Lynn, Scott	Costigan, P	2002
MacNeil, Steven K	Costigan, P	1998
Pyke, Kyra	Tschakovsky, M	2003
Robertson-Wilson, Jennifer	Deakin, J / Lévesque, L	2002
Weissgerber, Tracey	Wolfe, L	2003
Wicke, Jason	Costigan, P	2001

Graduate Students (past five years)

Name	Degree Granted	Year	Thesis/Dissertation Topic	Post-Degree
Alghamdi, Mohammad Alkhazim Costigan/Olney	PhD	2003	The Relationship Among Locomotor Performance Measures in Knee Osteoarthritis: The Effect of Group Exercise in Biomechanical Analysis, Pain and Disability Perception, Functional Outcome, and Energy Cost	Assistant Professor, King Faisal University, Saudi Arabia and Practicing Therapist at King Faisal Hospital
Baker, Joseph R. Côté/Deakin	PhD	2003	Factors Affecting the Acquisition and Maintenance of Expertise in Male Ultra-Endurance Triathletes	Assistant Professor, York University
Glenn, Nicole M. Wolfe	MSc	2003	Effects of Prolonged Maternal Exercise on Fetal Well-Being	Teaching on Exchange in Japan
Good, Joshua Allen Stevenson	MSc	2003	Effects of Controlled Vertical Motion in Load Carriage Systems	Designer, Battelle, Washington DC
Jensen, Dennis Wolfe	MSc	2003	Chemoreflex Control of Breathing in Healthy Humans: Gender and Time-of-Day Effects	Studying for PhD at School of Physical and Health Education, Queen's University
Kuk, Jennifer L. Ross	MSc	2003	Abdominal Adiposity, Liver Fat and Metabolic Risk in Non-Obese Premenopausal Women	Studying for PhD at School of Physical and Health Education, Queen's University
Lynn, Scott K. Costigan	MSc	2003	The Effect of Time of Elderly Gait	Studying for PhD at School of Physical and Health Education, Queen's University
MacEwen, Leslie W Smith	MA	2003	Puck Bunnies: A Study of Underlying Issues of Puck Bunny Culture in Junior Hockey	
Musselman, Reilly P Costigan	MSc	2003	Knee Biomechanics of Alternate Stair Climbing Patterns	Attending Medical School in Dalhousie, Halifax NS
Overend, Alissa Adams	MA	2003	"Modern" Sport and the Quest for Performance: Science or Superstition?	Studying for PhD at University of Alberta, Edmonton AB
Pyke, Kyra E. Tschakovsky	MSc	2003	A New Non-Invasive Technique to Investigate Endothelial Function in Humans	Studying for PhD at School of Physical and Health Education, Queen's University
Wong, Suzy-Lai Ross	MSc	2003	Cardiorespiratory Fitness is Associated With Lower Visceral Adiposity Independent of Body Mass Index	Studying for PhD at University of Waterloo

Blaine, William Ross	MSc	2002	Estimation of Lean Mass By Bioelectrical Impedance Analysis: Influence of Training Frequency and Modality	Research Associate, Kingston General Hospital
Charlesworth, Sarah Wolfe	MSc	2002	Effects of Human Pregnancy on Physiological Responses to Prolonged Exercise	Studying for PhD at Western University, London ON
Ferguson, Tamara Adams	MA	2002	Salt Lake City's 2002 Bid, A Case Study of Anglo-Canadian Perceptions of the Olympic Ideal	Member of adjunct teaching faculty at Queen's University
Hadcock, Lindsay Stevenson	MSc	2002	Factors Affecting Force Distribution on a Load Carriage System Waistbelt	Ergonomics Consultant, Phoenix H&S Ltd.
Kos, Karen Albinson	MA	2002	The Divergence in Perceptions of the Acceptability of Physical Behaviors Among Professional Hockey Players	
Nguyen-Duy, Thanh-Binh Ross	MSc	2002	Independent Associations Among Abdominal Obesity, Cardiorespiratory Fitness, Liver Fat and Lipid Variables in Men	Industry
O'Sullivan, Tracey Wolfe/Albinson	PhD	2002	A Biopsychosocial Approach to Exercise	Fitness Consultant, Ottawa and Research Associate, University of Ottawa
Beamer, Madelyn Côté	MA	2001	The Development of Expertise in Rhythmic Gymnastics	Member of teaching faculty at Brock University
Bruff, Sandi Albinson	MA	2001	The Lived Experiences of Physical Training During First Year Orientation Camp at the Royal Military College of Canada	Member of faculty at Royal Military College, Kingston, ON
Cobley, Stephen Deakin	MA	2001	Evaluating the Microstructure of Practice: The Examination of Coach Expertise and Practice Structure.	Member of teaching faculty at Eastbourne U.K.
Freeman, Jennifer Ross	MSc	2001	Abdominal Adiposity, Skeletal Muscle Composition & Insulin Resistance in Overweight Pre-Menopausal Women	Working in health and fitness industry
Gleeson, Michael Costigan	MSc	2001	Stair-Climbing Ability & Leg Muscle Strength Following Total Knee Arthroplasty	Worked for six months in Africa with Olympic Aid; now a PhD candidate in Bioethics.
Heenan, Aaron Wolfe	PhD	2001	Human Pregnancy: An Integrated Model for the Study of Physiological Control Systems	CIHR Postdoctoral Fellow, School of Kinesiology, University of Western Ontario

Janssen, Ian Ross	PhD	2001	Linking Age-Related Changes in Skeletal Muscle Morphology with Metabolism & Disease	Postdoctoral Fellow, Tuft's University
Ready, Taryn Albinson	MA	2001	Physical Education: An Examination of the Experiences of Female Adolescents as Related to Their Self-Esteem & Body Esteem	
Robertson-Wilson, Jennifer Deakin	MA	2001	The Role of Parental Influences and Activity Involvement in the Development of Elite and Novice Hockey Players	PhD student at Queen's University
Soberlak, Peter Côté	MA	2001	A Retrospective Analysis of the Development and Motivation of Professional ice Hockey Players	Physical Education and Life Skills Coordinator, AILANTHUS Achievement Centre, Vancouver
Taylor, Mike Adams	MA	2001	Physical Education at the Royal Military College of Canada: A Case for Academic Accreditation	National Physical Fitness Manager, Canadian Forces, Ottawa
Wright, Andrew Côté	MA	2001	A Retrospective Analysis of Leadership Development Through Sport	Manager at Bell Mobility and providing sports consulting services
Anslow, Brian G. Wolfe	MSc	2000	Eating Disorders in Early to Mid-adolescence: Effects of Gender and Sport and Exercise Participation	
Aru, Jim Ross	MSc	2000	Abdominal Fat Distribution, Measured by Magnetic Resonance Imaging & Insulin Resistance	Attending Chiropractic College
Brown C. Ann Wolfe	PhD	2000	Autonomic Modulation of Heart Rate in Men and Women Following Coronary Artery Bypass Graft Surgery	Assistant Professor, School of Nursing, Queen's University
Myslivecek, Paula Wolfe	MSc	2000	Influence of Physical Conditioning and Reproductive State on Cardiac Autonomic Control in Healthy Women	Tennis Pro, Florida
Oakley, Paul Costigan	MSc	2000	Changes in Three-Dimensional Knee Kinematics & Kinetics Within Normative Gait Speeds	Attending Chiropractic School in Iowa
Potter, Derek Costigan	MSc	2000	Gait Analysis of a New Low Cost Foot Prosthetic for use in Developing Countries	Manager, Gait Lab for Queen's Centre for Enhanced Mobility
Albert, Wayne Stevenson/ Costigan	PhD	1999	Analysis of Freestyle Lift used by Experienced Lifters	Associate Professor, School of Kinesiology, University of New Brunswick

Beachamp, Mark Albinson	MA	1999	An Examination of Pre-Performance Imagery Use by High and Low Performers From Golf and Tennis	PhD candidate
Fortier, Chris Deakin	MSc	1999	Instrumentation of Handles for Evaluation of One & Two Person Stretcher Tasks	Medical School at Queen's University
Houghton, Katherine Albinson	MA	1999	Widening the Frontier of Sport Psychology: an Examination of Sexual Abuse in Sport	PhD candidate, DeMontfor, England
Kirkwood, Kenneth Cantelon	MA	1999	Four Thematic Variations on the Decline of Sport	PhD candidate
Marcal, Marcio Stevenson	PhD	1999	Evaluation of Spinal Kinematics Using the Fastrak During the Truck Velocity Test	Associate Professor, Universitario de Belo Horizonte
Mazonni, Claudia Stevenson	PhD	1999	Impairment, Disability and Functional Assessment in Individuals Symptomatic of Upper Extremity Cumulative Traumatic Disorders	Assistant Professor, University of Minas Gervais, Brazil
Paddags, Anne Ross	MSc	1999	Effects of Exercise and/or Diet on Plasma Lipid & Lipopronein Levels in Obese Women	Medical Student, University of Western Ontario
Rigby, Alan Stevenson	MSc	1999	Development of a Biomechanical Model and Validation of Assessment Tools for Personal Load Carriage Systems	Prosthetist, Calgary General Hospital, AB

Graduate Seminar Series

Date	Speaker	Title
Jan 10	Mark Trembley University of Saskatchewan	Physical Inactivity: trends, temptations, troubles, truths
Jan 24	Dean Tripp, Department of Psychology, Queen's University	Pain following ACL reconstructive surgery in athletes: age, predictors, and long-term implications
Jan 31	Joanne Kay, School of Physical and Health Education, Queen's University	Teaching Seminar
Feb 7	Mike Robidoux University of Ottawa	Sticks and Stones Hurt, but so do Words: A Performative Analysis of Parental Speech at Youth Hockey
Feb 28	William O'Neill Canadian Cancer Research Group, Ottawa	Snake oil that works: Patient specific evidence based medicine
Mar 6	Wendy Craig, Department of Psychology, Queen's University	The role of peers in bullying and victimization
Mar 14	Nicole Glenn, School of Physical & Health Education, Queen's University	Fetal Response to Exercise
Mar 21	Geoff Smith, School of Physical & Health Education, Queen's University	Olympic Games in an era of revolution (1964-84)
Mar 28	Audrey Hicks McMaster University	Treadmill training for people with spinal cord injury: What are the benefits?
Apr 4	Doris Miller University of Western Ontario	Lessons from 3 decades of sport biomechanics research
Apr 11	Joe Baker and Sean Horton School of Physical & Health Education	Kenyan running dominance: The role of stereotypes on human performance.
Sep 12	Dr. Rob Beamish, School of Physical and Health Education, Queen's University	The Games, the Olympic Ideal, and Performance Enhancing Practices: The Impact of the 1974 Change to Rule 26 of the Olympic Charter
Sep 19	Dr. Katherine-Wynne Edwards Department of Biology Queen's University	Salivary Hormone Variability in Adolescent Girls: Implications for the Primary Prevention of Breast Cancer
Oct 24	Dr. Margaret Cargo CHUM, Hotel Dieu Research Center Montreal	Formative Evaluation of Program Operations of the Kahnawake Schools Diabetes Prevention Project: The Link Between Health Promotion and Population Health
Oct 31	Mike Agnew, School of Physical and Health Education, Queen's University	Cumulative Loading as a Risk Factor for Low Back Pain
Nov 7	Dr. David Proctor, Pennsylvania State University	Changes in Cardiovascular Control During Exercise with Aging
Nov 14	Dr. Joan Stevenson, School of Physical and Health Education, Queen's University	An Ergonomic Approach to Evaluation and Design of a Military Load Carriage System
Nov 21	Dr. Mary Ann McColl, Centre for Health Services & Policy Research, Queen's University	Utilization of Health Services by People with Disabilities in Canada
Nov 28	Marie-Claude Asselin, World Anti-doping Agency	The World Anti-doping Code: Implications for Stakeholders
Dec 5	Dr. Larry Wolfe, School of Physical and Health Education, Queen's University	Joint SOGC/CSEP Clinical Guidelines: Exercise in Pregnancy and the Post-Partum Period (www.csep.ca/guidelines.asp)

- **Faculty Honours and Awards Related to Teaching**

1. **Adams, M.L.** Physical and Health Education Students Teaching Award
2. **Smith, G.** Featured as "Popular Prof", MacLean's Guide to Canadian Universities 2003.
3. **Stevenson, J.M.** Queen's Athletics Hall of Fame Certificate for Coaching Field Hockey (1979-1982)

PUBLICATIONS (2003)

- **Refereed Journals**

1. Murtaugh, K. and **Costigan, P.A.** (2003) Evaluating the proprioception of lower extremity loads. *Queens Health Sciences Journal* 6(2):15-19.
2. Deshpande, N, Connelly, D.M, Culham EG, and **Costigan P.A.** (2003) Reliability and validity of ankle proprioceptive measures. *Arch Phys Med Rehabil.* 84(6):883-889.
3. Baker, J., Yardley, J., & **Côté, J.** (2003). Coach behaviors and athlete satisfaction in team and individual sports. *International Journal of Sport Psychology*, 34, 226-239
4. Baker, J. & **Côté, J.** (2003). Resources and commitment as critical factors in the development of 'gifted' athletes. *High Ability Studies*, 14, 139-140.
5. **Côté, J.** & Sedgwick, W. (2003). Effective behaviors of expert rowing coaches: A qualitative investigation of Canadian athletes and coaches. *International Sports Journal*, 7, 62-78.
6. Soberlak, P. & **Côté, J.** (2003). The developmental activities of professional ice hockey players. *Journal of Applied Sport Psychology*, 15, 41-49.
7. Baker, J., **Côté, J.**, & Abernethy, B. (2003). Sport-specific practice and the development of expert decision-making in team ball sports. *Journal of Applied Sport Psychology*, 15, 12-25.
8. Baker, J., **Côté, J.**, & Abernethy, B. (2003). Learning from the experts: Practice activities of expert decision makers in sport. *Research Quarterly for Exercise and Sport*, 74, 342-347.
9. Wright, A. & **Côté, J.** (2003). A retrospective analysis of leadership development through sport. *The Sport Psychologist*, 17, 268-291.
10. Robertson-Wilson, J., Baker, J., Derbinshyre, E., & **Côté, J.** (2003). Childhood Sport Involvement in Active and Inactive Adult Females. *AVANTE*, 9, 1-8.
11. Eisenmann J.C., **Katzmarzyk, P.T.**, Pérusse, L., Bouchard, C., and Malina, R.M. Habitual physical activity and blood lipids in adolescents: The Québec Family Study. *Journal of Adolescent Health* 2003;33:147-153.

12. Ross, R. and **Katzmarzyk, P.T.** Cardiorespiratory fitness is associated with diminished total and abdominal obesity independent of body mass index. *International Journal of Obesity & Related Metabolic Disorders* 2003;27:204-10.
13. Ardern, C.I., **Katzmarzyk, P.T.**, Janssen, I., and Ross, R. Discrimination of health risk by combined body mass index and waist circumference. *Obesity Research* 2003;11:135-142.
14. **Katzmarzyk, P.T.**, Tremblay, A., Pérusse, L., Després, J-P., and Bouchard, C. The utility of the international BMI overweight guidelines for children and adolescents for predicting coronary heart disease risk factors. *Journal of Clinical Epidemiology* 2003;56:456-462.
15. Ardern, C.I. and **Katzmarzyk, P.T.** National Cholesterol Education Program Adult Treatment Panel III Guidelines and obesity: Implications for Canada. *Canadian Journal of Cardiology* 2003;19:1171-1177.
16. Willms, J.D., Tremblay, M.S, and **Katzmarzyk, P.T.** Geographic and demographic variation in the prevalence of overweight Canadian children. *Obesity Research* 2003;11:668-673.
17. **Katzmarzyk P.T.**, Leon, A.S, Wilmore, J.H, Skinner, J.S, Rao, D.C, Rankinen, T, and Bouchard, C. Targeting the metabolic syndrome with exercise: Evidence from the HERITAGE Family Study. *Medicine and Science in Sports and Exercise* 2003;35:1703-1709.
18. **Katzmarzyk, P.T.**, Janssen, I., and Ardern, C.I. Physical inactivity, excess adiposity and premature mortality. *Obesity Reviews* 2003;4:257-290.
19. **Katzmarzyk, P.T.** A modest proposal to meet our Kyoto commitments: The answer lies within. *Canadian Medical Association Journal* 2003;169:1293.
20. **Katzmarzyk, P.T.** and Ardern, C.I. Physical activity levels of Canadian children and youth: Implications for the obesity epidemic. *Canadian Journal of Diabetes* (In Press, Accepted for Publication on March 24, 2003).
21. **Katzmarzyk, P.T.** and Janssen, I. The economic costs of physical inactivity and obesity in Canada: An update. *Canadian Journal of Applied Physiology*. (In Press: Accepted for publication on August 28, 2003).
22. Wong, S.L., **Katzmarzyk, P.T.**, Nichaman, M.Z, Church, T.S, Blair, S.N, and Ross, R. Cardiorespiratory fitness is associated with lower abdominal fat independent of BMI. *Medicine and Science in Sports and Exercise* (In Press: Accepted for Publication on September 23, 2003).
23. Janssen, I., **Katzmarzyk, P.T.** and Ross, R. Waist circumference and not body mass index explains obesity-related health risk. *American Journal of Clinical Nutrition* (In Press: Accepted for Publication on September 29, 2003).

24. **Katzmarzyk, P.T.** Waist circumference percentiles for Canadian youth 11-18 years of age. *European Journal of Clinical Nutrition* (In Press: Accepted for Publication on October 31, 2003).
25. **Katzmarzyk, P.T.**, Church, T.S. and Blair, S.N. Cardiorespiratory fitness attenuates the effects of the metabolic syndrome on all-cause and cardiovascular disease mortality in men. *Archives of Internal Medicine* (In Press: Accepted for Publication on June 11, 2003).
26. Janssen, I., **Katzmarzyk, P.T.**, Boyce, W.F, King, M.A, and Pickett, W. Overweight and obesity in Canadian adolescents and their relationships with dietary habits and physical activity patterns. *Journal of Adolescent Health* (In Press: Accepted for Publication on December 19, 2003).
27. Eisenmann, J.C., **Katzmarzyk, P.T.** and Tremblay, M.S. Leisure-time physical activity levels among Canadian adolescents, 1981-1998 *Journal of Physical Activity and Health* (In Press: Accepted for Publication on December 26, 2003).
28. Loos, R.J.F., **Katzmarzyk, P.T.**, Rao, D.C, Rice, T, Leon, A.S, Skinner, J.S, Wilmore, J.H, Rankinen, T, and Bouchard, C. *Genome-wide linkage scan for the metabolic syndrome in the HERITAGE Family Study. Journal of Clinical Endocrinology and Metabolism* 2003;88:5935-5943.
29. **King, S.J.**, Physical Education. *Encyclopedia of Lesbian, Gay, Bisexual and Transgendered History in America*. New York: Charles Scribner's Sons.
30. Cargo, M., **Lévesque, L.**, Macaulay, A., McComber, A., Desrosiers, S., Delormier T., & Potvin, L. (2003). Community Governance of the Kahnawake Schools Diabetes Prevention Project. *Health Promotion International*, 18 (3), 177-187.
31. **Lévesque, L.**, Gauvin, L., & Desharnais, R. (2003). Maintaining exercise involvement: The role of learned resourcefulness in process of change use. *Psychology of Sport and Exercise*, 4, 237-253.
32. Macaulay, A.C., Harris, S.B., **Lévesque, L.**, Cargo, M., Ford, E., McComber, A., Fiddler, R., Kirby, R. Hanley, A.J.G., Potvin, L., Zinman, B., Gittelsohn, J., Receveur, O. (2003). Primary Prevention of Type 2 Diabetes: a Tale of Two Aboriginal Communities in Canada. *Canadian Journal of Diabetes*, 26 (3): 464-475.
33. **Ross R.** Advances in the application of imaging methods in applied and clinical physiology. *Acta Diabetol* 40:S45-50, 2003.
34. Nguyen-Duy, T.B., Nichaman, M., Church, T.S., Blair, S.N., and **Ross, R.** Visceral fat and liver fat are independent predictors of metabolic risk factors in men. *Am J Physiol* 284(6): E1065-E1072, 2003.
35. St-Onge, M.-P., **Ross, R.**, Parsons, W.D., Jones, P.J.H. Medium-chain triglycerides increase energy expenditure and decrease adiposity in overweight men. *Obes Res* 11:395-402, 2003.

36. **Ross, R.** Does exercise without weight loss improve insulin sensitivity? Invited Editorial *Diabetes Care* 26: 944-945, 2003.
37. **Ross, R.** and Katzmarzyk, P.T. Cardiorespiratory fitness is associated with diminished total and abdominal obesity independent of body mass index. *Int J Obese* 27:204-210, 2003.
38. Wong, S., Janssen, I., and **Ross, R.** Abdominal Obesity and the Metabolic Syndrome. *Sports Med.* 33(10): 709-726, 2003.
39. **Smith, G.** Review Article: Hot War, Cold War, New War, *International History Review*, 24 (March 2003), 108-118.
40. **Smith, G.** Babe Didrikson Zaharias: The Cold War Politics of Gender, The Human Tradition in America Since 1945, Ed. David L. Anderson (Wilmington, De: *Scholarly Resources*, 2003), PP. 131-150.
41. **Smith, G.** Containments, "Disease" and Cold War Culture, War and Culture in the Twentieth Century: Reflections at Century's End, Eds. *Michael Hennessy and MJC McKercher* (Westport CT: Praeger, 2003). PP. 97-127.
42. **Tschakovsky, M.E.**, and Hughson, R.L. Rapid Blunting of Sympathetic Vasoconstriction in the human forearm at the onset of exercise. *J. Appl. Physiol.* 94: 1785-1792, 2003.
43. Joyner, M.J. and **Tschakovsky, M.E.** Nitric oxide and physiologic vasodilation in human limbs: Where do we go from here? *Can. J. Appl. Physiol.* 28(3): 475-90, 2003. (Collaborator)
44. **Tschakovsky, M.E.**, Rogers, A.M., Pyke, K.E., Saunders, N.R., Glenn, N., Lee, S.J., Weissgerber, T., and Dwyer, E.M. Immediate exercise hyperemia in humans is contraction intensity dependent: evidence for rapid vasodilation. *J.Appl. Physiol.* e-pub ahead of print, Oct. 24, 20031-.1152/jappphysiol.00769.2003.
45. Heenan, A.P., **Wolfe, L.A.**, Davies, G.A.L., and McGrath, M.J. Effects of human pregnancy on fluid balance responses to short-term exercise. *Journal of Applied Physiology* 95: 2321-2327, 2003.
46. Brown, C.A., **Wolfe, L.A.**, Hains, S., Ropchan, G. and Parlow, J. Spontaneous baroreflex sensitivity after coronary artery bypass surgery as a function of gender and age. *Canadian Journal of Physiology and Pharmacology* 81: 894-902, 2003.
47. Heenan, A.P. and **Wolfe, L.A.** Plasma osmolality and [SID] predict respiratory adaptations in pregnant and nonpregnant women. *Canadian Journal of Physiology and Pharmacology* 81: 839-847, 2003.
48. **Wolfe, L.A.**, Heenan, A.P. and Bonen, A. Aerobic conditioning effects on substrate responses during graded cycling in pregnancy. *Canadian Journal of Physiology and Pharmacology* 81: 696-703, 2003.

49. **Wolfe, L.A.** and Davies, G.A.L. Canadian guidelines for exercise in pregnancy. *Clinical Obstetrics and Gynecology* 46: 488-495, 2003.
50. Davies, G.A.L., **Wolfe, L.A.**, Mottola, M.F, and MacKinnon, C. Joint SOGC and CSEP Clinical Practice Guideline. Exercise in pregnancy and the postpartum period. *Canadian Journal of Applied Physiology* 28: 329-341, 2003 and *Journal of Obstetrics and Gynaecology Canada* 25: 516-522, 2003.
51. **Wolfe, L.A.** and Weissgerber, T.L. Clinical physiology of exercise in pregnancy. A literature review. *Journal of Obstetrics and Gynaecology Canada* 25: 473-483, 2003.

- **Reports, Articles in Venues Without Peer Review, Invited Articles**

1. **Adams, M.L.** Syllabus for Cultural Studies of Sport and Exercise, included in Sociology of Sport collection of curriculum materials, edited by James Steele, published by the American Sociological Association, 2003.
2. Lee, S., Janssen, I., and **Ross, R.** Inter-individual variation in abdominal subcutaneous and visceral adipose tissue: influence of measurement site. (Accepted).
3. Morin, E.L, Reid, S.A, **Stevenson, J.M.** (2003). Characterization of Upper Body Accelerations for Task Performance in Humans. *Proceedings of 25th International Conference of the IEEE Engineering In Medicine And Biology Society*, 6 pages
4. **Stevenson, J.M**, Good, J.A, Bryant, J.T, Morin E.L, Reid, S.A. (2003) Development of a NATO Allied Testing Procedure for Load Carriage Systems *PWGSC- W7711-7632-09* Pg 75 pgs
5. Hadcock, L.J, **Stevenson, J.M.** User's Manual for the standard protocol of mapping skin contact pressure using the standardized load distribution mannequin (Phase 4 Part C3). *PWGSC- W7711-7632-06* Pg 35 pgs
6. Morin, E.L, **Stevenson, J.M.**, Bryant, J.T, Reid, S.A, Fergenbaum, M.A, Hadcock, L.J, Perry, A. (2003). Development of a portable measurement system for human load carriage performance assessment in the field (*PWGSC W7711-7632-05*). Pg 37 pgs
7. Fergenbaum, M.A, **Stevenson, J.M.** Hadcock, L.J, Bryant, J.T, Morin, E.L, Reid, S.A. (2003). Dynamic assessment of pressure measurement systems for the dynamic biomechanics model of human load carriage (Phase 4 Part C2) *PWGSC 7632-06*. Pg 25 pgs
8. Fergenbaum, M.A, **Stevenson, J.M**, Hadcock, L.J, Bryant, J.T, Morin, E.L, Reid, S.A. (2003). Assessment of pressure measurement systems on curved surfaces for the dynamic biomechanics model of biomechanical model of human load carriage (Phase 4 Part C1) *PWGSC 7632-06*, pgs 34.
9. Eger, T., **Stevenson, J.M.** Estimation of load transfer force to hands during sagittal plane box lifting. *Occupational Ergonomics*. Accepted September 2003.

10. Brackley H.M., **Stevenson, J.M.**, Are children's backpacks Weight Limits Enough? A critical review of relevant literature (Accepted by *Spine*, September 2003).
11. **Stevenson, J.M.**, Bossi L, Bryant, J.T, Reid, S.A, Pelot R.P, Morin, E.L. A suite of objective biomechanical measurement tools for personal load carriage system assessment. (Accepted with revisions: *Ergonomics*, December 2003).
12. Reid, S.A, **Stevenson, J.M.**, Whiteside, W. Biomechanical assessment of lateral stiffness elements in the suspension system of a rucksack. (Accepted with revisions: *Ergonomics*, December 2003).
13. **Stevenson, J.M.**, Bryant, J.T, Reid, S.A, Pelot, R.P, Morin, E.L, Bossi L.L. Development & Assessment of the Canadian personal load carriage system using objective biomechanical measures. (Accepted with revisions: *Ergonomics*, Dec 2003).

Comment [JS1]: You will need to have a running title that is self-explanatory

▪ **Books & Book Contributions**

1. **Côté, J.**, Baker, J., & Abernethy, B. (2003). *From play to practice: A developmental framework for the acquisition of expertise in team sport*. In J. Starkes and K. A. Ericsson (Eds.), *Expert performance in sports: Advances in research on sport expertise*, (pp. 89-114). Champaign, IL: *Human Kinetics*.
2. **Deakin, J.M.** & Copley, S. A search for deliberate practice: An examination of the practice environments in figure skating and volleyball. JL Starkes & KA Ericsson (Eds) *Expert Performance in Sports Advances in Research on Sport Expertise*. Champaign IL: Human Kinetics Publishers. (2003) Pp 115-136.
3. **Katzmarzyk P.T.**, Després, J-P, and Bouchard, C. Body types and health. In Medeiros-Neto G., A. Halpern and C. Bouchard (Eds.) *Progress in Obesity Research: 9*. John Libbey and Co. Ltd.: London. pp. 644-648, 2003.
4. **King, S.J.** Civic fitness: Breast cancer, the Race for the Cure, and new technologies of ethical citizenship. In C. McCarthy, J. Bratich, and J. Packer (Eds.), *Governing the Present: Foucault and Cultural Studies* (pp.). SUNY Press, 2003.

▪ **Reprints**

1. **Adams, M.L.** Excerpts from "The Trouble With Normal". In *Making Normal: Social Regulation in Canada*, edited by Deborah Brock. Toronto: Thomson/Nelson, 2003. pp. 90-103. (book excerpts plus additional contextualizing material, study questions and resource listings).
2. **Adams, M.L.** Sex at the Board, or Keeping children from sexual knowledge. In *Histories of Canadian Childhood*, edited by Nancy Jenovicek and Joy Parr. Toronto: Oxford, 2003. pp. 291-304.

▪ **Book, Journal and Manuscript Referee/Reviewer**

Adams, M.L. Referee. Manuscript: *Thirdspace*, a journal of feminist studies.

Costigan, P.A. Reviewer. (2) *Canadian Journal of Applied Physiology*

Côté, J. Reviewer. Manuscript (1). *Canadian Journal of Experimental Psychology*.

Côté, J. Reviewer. Manuscript (1) *Journal of Sport and Exercise Psychology*.

Côté, J. Reviewer. Manuscript (4) *Journal of Applied Sport Psychology*

Côté, J. Reviewer. Manuscript (1) *Revue des Sciences et Techniques des Activités Physiques et Sportive*.

Côté, J. Reviewer. Manuscript (1) *Avante*

Deakin, J.M. Reviewer. Manuscript (3). *Journal of Applied Sport Psychology*.

Deakin, J.M. Reviewer. Manuscript (2). *Journal of Exercise & Sport Psychology*.

Deakin, J.M. Reviewer. Manuscript (2). *Research Quarterly for Exercise and Sport*.

Katzmarzyk, P.T. Manuscript Review (2) *American Journal of Clinical Nutrition*.

Katzmarzyk, P.T. Manuscript Review (1) *American Journal of Physical Anthropology*.

Katzmarzyk, P.T. Manuscript Review (1) *Canadian Journal of Applied Physiology*

Katzmarzyk, P.T. Manuscript Review (2) *Canadian Medical Association Journal*.

Katzmarzyk, P.T. Manuscript Review (1) *European Journal of Clinical Nutrition*.

Katzmarzyk, P.T. Manuscript Review (3) *Journal of the American Medical Association*.

Katzmarzyk, P.T. Manuscript Review (1) *Medicine and Science in Sports and Exercise*.

Katzmarzyk, P.T. Manuscript Review Association (3) *Pediatric Exercise Science*.

Katzmarzyk, P.T. Manuscript Review (1) *Public Health Nutrition* UK/2003/397

Katzmarzyk, P.T. Manuscript Review (1) *Women's Health Surveillance Report*.

Katzmarzyk, P.T. Reviewed 87 abstracts for the annual meeting. *North American Association for the Study of Obesity (NAASO)*.

King, S.J. Referee, *Anthropology in Education*.

King, S.J. Referee, *Journal of Sport Management*.

King, S.J. Manuscript reviewer, *Routledge*, London.

Lévesque, L. Referee. *Canadian Journal of Applied Physiology*.

Lévesque, L. Conference Abstract Referee. *Society of Behavioural Medicine: Annual Conference*, Translational Research to Practice Section.

Ross, R. Reviewer. Manuscript: (1) *American Journal of Clinical Nutrition*

Ross, R. Reviewer. Manuscript (1) *Journal of Clinical Endocrinology and Metabolism*

Ross, R. Reviewer. Manuscript (1) *Obesity Research*

Ross, R. Reviewer. Manuscript (1) *JAMA*

Ross, R. Reviewer. Manuscript (1) *Diabetes Care*

Smith, G. MS Reader. (1) *Diplomatic History*.

Stevenson, J.M. Reviewer. Manuscript (1). *Ergonomics*.

Stevenson, J.M. Reviewer. Manuscript (2). *Canadian Journal of Applied Physiology*.

Tschakovsky, M.E. Referee. Manuscript. (7) *Canadian Journal of Applied Physiology*.

Tschakovsky, M.E. Referee. Manuscript. (3) *Journal of Applied Physiology*.

Tschakovsky, M.E. Referee. Manuscript. (1) *American Journal of Physiology (Heart and Circulatory Physiology)*.

Tschakovsky, M.E. Referee. Manuscript. (1) *Journal of Physiology (London)*.

Wolfe, L.A. Reviewer. Manuscript (1). *American Journal of Cardiology*.

Wolfe, L.A. Reviewer. Manuscript (1). *Hypertension*.

Wolfe, L.A. Reviewer. Manuscript (1). *Sport Medicine*.

Wolfe, L.A. Reviewer. Manuscript (12). *Canadian Journal of Applied Physiology*; revised the journal's review forms.

Wolfe, L.A. Reviewer. Manuscript (1). *American College of Sports Medicine (ACSM) Health and Fitness Journal*.

▪ **Conference Proceedings, Presentations and Seminars**

1. **Adams, M.L.** Freezing Social Relations: Ice, Rinks, and the Development of Figure Skating. *International Sociology of Sport Association*, Cologne, Germany, June 2003.
2. **Adams, M.L.** Beauty, Grace and the Male Skater: Notes towards a history of effeminacy. *Canadian Lesbian and Gay Studies Association*, Halifax, June 2003.

3. **Adams, M.L.** The Game of Whose Lives? Hockey and the production of male entitlement" *North American Society for the Sociology of Sport*, Montreal, November 2003.
4. **Adams, M.L.** Discussant paper, Body Culture panel, *North American Society for the Sociology of Sport*, Montreal, November 2003.
5. **Adams, M.L.** Effeminacy, athleticism and the reputation of men's dancing" Invited talk, *Department of Physical Education and Kinesiology*, Brock University. January 2003.
6. **Adams, M.L.** Death to the prancing prince: Effeminacy, sport discourse and the salvation of men's dancing Invited talk, *Critical Engagements Lecture Series*, Queen's University, January 2003.
7. Tan, K.H.; **Costigan, P.A.**; Taylor, M. Dynamic simulations of a total knee replacement: assessing the performance envelope using patient specific loads. *ASME*, Key Biscayne, Florida. 25-29 Jun 2003.
8. Wyss, U; Ladouceur, D; Brown, H; **Costigan, P.A.**; Hemmerick, A; Lee, R; Packer, T.L. Kinematics of activities of high range of knee motion. *International Society for Biomechanics*, Dunedin, New Zealand. 6-12 Jul 2003.
9. **Côté, J.** *Understanding sport coaching behavior: A reaction.* Paper presented at the *American Psychological Association*, Toronto, Canada. Aug 2003.
10. **Côté, J.** Specificity of Training in sport and exercise psychology. Paper presented at the North American Society for the Psychology of Sport and Physical Activity (*NASPSPA*), Savannah, Georgia. Jun 2003.
11. **Côté, J.** Le hockey est-il bon pour nos enfants? Spécialisation ou échantillonnage? Paper presented at the *Research Center for Sport in Canadian Society*, Ottawa, Canada. May 2003.
12. **Côté, J.** Play or practice: A developmental analysis of children in sport. Paper presented to the *Faculty of Physical Education and Recreation*, University of Alberta, Edmonton, Canada. Apr 2003.
13. Berry, J., Abernethy, B., & **Côté, J.** Invasion games and the development of 'footy smarts' in Australian football. Paper presented at the *2nd International Conference: Teaching Sport and Physical Education for Understanding*. Melbourne, Australia. Dec 2003.
14. Berry, J., Abernethy, B., & **Côté, J.** Development of expert decision-making skill in Australian football: AFL Research Project. Paper presented at the *Australian Conference of Science and Medicine in Sport*. Canberra, Australia. Oct 2003.
15. **Côté, J.** & Gilbert, W. Innovative research methodologies for understanding and improving coaching. Paper presented at the meeting of the *Canadian Society for Psychomotor Learning and Sport Psychology*, Hamilton, Ontario. Oct 2003.

16. Gilbert, W. & **Côté, J.** Tracing the developmental process of successful coaches. Paper presented at the meeting of the *Canadian Society for Psychomotor Learning and Sport Psychology*, Hamilton, Ontario. Oct 2003.
17. Baker, J., Wall, M., & **Côté, J.** The coaching behaviour scale for sport (CBS-S): A tool for coach development. Paper presented at the meeting of the *Canadian Society for Psychomotor Learning and Sport Psychology*, Hamilton, Ontario. Oct 2003.
18. Baker, J., **Côté, J.**, & Deakin, J.M. Cognitive characteristics of expert, middle of the pack, and back of the pack ultra-endurance triathletes. Paper presented at the meeting of the *Canadian Society for Psychomotor Learning and Sport Psychology*, Hamilton, Ontario. Oct 2003.
19. **Côté, J.**, Deakin, J.M., Baker, J., & Horton, S. Toward a lifespan model of sport development. Paper presented at the *American Psychological Association*, Toronto, Canada. Aug 2003.
20. Baker, J., Deakin, J.M., & **Côté, J.** Early sport involvement and sport-specific training in ultra-endurance triathletes. Paper presented at the *American Psychological Association*, Toronto, Canada. Aug 2003.
21. Beamer, M., **Côté, J.**, & Ericsson, A. What does it take to be an Olympic champion? Paper presented at the *American Psychological Association*, Toronto, Canada. Aug 2003.
22. Baker, J., Deakin, J.M., & **Côté, J.** Predicting performance in ultra-endurance triathletes from training indices. Paper presented at the *North American Society for the Psychology of Sport and Physical Activity*, Savannah, Georgia. Jun 2003.
23. Baker, J., Deakin, J.M., & **Côté, J.** Training characteristics of expert and non-expert ultra-endurance triathletes. Paper presented at the *North American Society for the Psychology of Sport and Physical Activity*, Savannah, Georgia. Jun 2003.
24. Berry, J., Abernethy, B., & **Côté, J.** Expert game-based decision-making in Australian football. Paper presented at the *Sports Medicine Australia-Queensland State Conference*. Gold Coast, Australia. May 2003.
25. Berry, J., Abernethy, B., & **Côté, J.** Development of expert game-based decision-making in Australian football. Paper presented at *5th World Congress of Science and Football*, Lisbon, Portugal. Apr 2003.
26. Berry, J., Abernethy, B., & **Côté, J.** The contribution of pattern recognition and prediction skills to expert game-based decision-making in Australian football. Paper presented at *5th World Congress of Science and Football*, Lisbon, Portugal. Apr 2003.
27. Robertson-Wilson, J., Deakin, J.M., & **Côté, J.** The role of parents and activity involvement in the development of elite and novice hockey players. Paper presented the meeting of the *University of New Brunswick Hockey Conference*, Fredericton, New Brunswick, Canada. Mar 2003.

28. Wall, M. & **Côté, J.** Children's activities and parental involvement: Implications for drop out and sport expertise. Paper presented at the meeting of the *Eastern Canadian Sport and Exercise Psychology Symposium*, Montréal, Québec, Canada. Mar 2003.
29. Baker, J., **Côté, J.**, & Deakin, J.M. A preliminary examination of cognitive abilities in expert and non-expert ultra endurance triathletes. Paper presented at the meeting of the *Eastern Canadian Sport and Exercise Psychology Symposium*, Montréal, Québec, Canada. Mar 2003.
30. Fraser-Thomas, J. & **Côté, J.** Drop out in youth sports from a developmental perspective: A proposed study. Paper presented at the meeting of the *Eastern Canadian Sport and Exercise Psychology Symposium*, Montréal, Québec, Canada. Mar 2003.
31. Baker, J., **Deakin, J.M.** & Côté, J. Training characteristics of expert and non-expert ultra-endurance triathletes. *Journal of Sport and Exercise Psychology*, 25, S24. (2003).
32. Baker, J., **Deakin J.M.** & Côté, J. Predicting performance in ultra-endurance triathletes from training indices. *Journal of Sport and Exercise Psychology*, 25, S24-S25. (2003).
33. **Deakin, J.M.**, Baker, J. & Horton, S. Performance maintained: The case of champion golfers. *Canadian Society for Psychomotor Learning and Sport Psychology Conference*, Hamilton ON. (Oct 2003).
34. Baker, J. Côté, J. & **Deakin, J.M.** Cognitive characteristics of expert, middle of the pack, and back of the pack ultra-endurance triathletes. *Canadian Society for Psychomotor Learning and Sport Psychology Conference*, Hamilton ON. (Oct 2003).
35. Côté, J., **Deakin, J.M.**, Baker, J., Horton S. Towards a Lifespan Model of Sport Development, *American Psychological Association Annual Convention*, Toronto ON. (Aug 2003).
36. Baker, J., **Deakin, J.M.** & Côté, J. The Role of Early Sport Involvement and Sport-Specific Training in Developing the Expert Iron man Triathlete. *American Psychological Association Annual Convention*, Toronto ON. (Aug 2003).
37. Baker, J., **Deakin, J.M.** & Côté, J. Predicting performance in ultra-endurance triathletes from training indices. *North American Society for the Psychology of Sport and Physical Activity Annual Convention*, Savannah, GA. (Jun 2003).
38. Baker, J., **Deakin, J.M.** & Côté, J. Training Characteristics of Expert and Non-Expert Ultra-Endurance Triathletes. *North American Society for the Psychology of Sport and Physical Activity Annual Convention*, Savannah, GA. (Jun 2003).
39. Robertson-Wilson, J., Lévesque, L. & **Deakin, J.M.** Clarifying the role of enjoyment in predicting physical activity intention in adolescent girls. *Second Conference of the International Society of Behaviour Nutrition and Physical Activity*, Quebec City, QC. (Jul 2003).

40. Robertson-Wilson, J., **Deakin, J.M.** & Côté, J. The role of parents and activity involvement in the development of elite and novice hockey players. *University of New Brunswick Skating into the Future: Hockey in the New Millennium*, Fredericton, NB. (Mar 2003)
41. **Katzmarzyk P.T.**, Leon, A.S, Wilmore, J.H, Skinner, J.S, Rao, D.C, Rankinen, T, and Bouchard, C. Targeting the metabolic syndrome with exercise: Evidence from the HERITAGE Family Study. *Medicine and Science in Sports and Exercise* 35:5 (Supplement):S72. *American College of Sports Medicine Annual Meeting*, San Francisco, CA, May 2003.
42. Eisenmann J.C., **Katzmarzyk, P.T.** and Tremblay, M.S. Leisure-time physical activity levels among Canadian adolescents, 1981-1998. *Medicine and Science in Sports and Exercise* 35:5 (Supplement):S180. *American College of Sports Medicine Annual Meeting*, San Francisco, CA, May 2003.
43. Ardern C.I., **Katzmarzyk, P.T.**, Leon, A.S, Wilmore, J.H, Skinner, J.S, Rao, D.C, Rankinen, T. Després, J-P, and Bouchard, C. Multivariate associations between exercise-induced loss of body fat and changes in blood lipids. *Medicine and Science in Sports and Exercise* 35:5 (Supplement):S70. *American College of Sports Medicine Annual Meeting*, San Francisco, CA, May 2003.
44. Ardern C.I., Janssen, I, Ross, R, and **Katzmarzyk, P.T.** Health-based body mass index and waist circumference thresholds: A re-evaluation. *Canadian Journal of Applied Physiology* 28:S27. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
45. Janssen I., **Katzmarzyk, P.T.**, Boyce, W.F, King, M.A, and Pickett, W. Overweight and obesity in Canadian youth: 2002 update. *Canadian Journal of Applied Physiology* 28:S67. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
46. **Katzmarzyk P.T.**, Church, T.S, Ross, R, and Blair, S.N. Cardiorespiratory fitness attenuates obesity-related heart disease risk. *Canadian Journal of Applied Physiology* 28:S71. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
47. Kuk J.L., **Katzmarzyk, P.T.**, Hudson, R, and Ross, R. Differences in metabolically normal and metabolically abnormal obese men and women are not explained by differences in obesity phenotype or cardiorespiratory fitness. *Canadian Journal of Applied Physiology* 28:S74. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
48. **Katzmarzyk P.T.**, Leon, A.S, Wilmore, J.H, Skinner, J.S, Rao, D.C, Rankinen, T, and Bouchard, C. Targeting the metabolic syndrome with exercise: Evidence from the HERITAGE Family Study. *Medicine and Science in Sports and Exercise* 35:5 (Supplement):S72. *American College of Sports Medicine Annual Meeting*, San Francisco, CA, May 2003.
49. Eisenmann, J.C., **Katzmarzyk, P.T.** and Tremblay, M.S. Leisure-time physical activity levels among Canadian adolescents, 1981-1998. *Medicine and Science in Sports and*

- Exercise* 35:5 (Supplement):S180. *American College of Sports Medicine Annual Meeting*, San Francisco, CA, May 2003.
50. Ardern, C.I., **Katzmarzyk, P.T.**, Leon, A.S, Wilmore, J.H, Skinner, J.S, Rao, D.C, Rankinen, T, Després, J-P, and Bouchard, C. Multivariate associations between exercise-induced loss of body fat and changes in blood lipids. *Medicine and Science in Sports and Exercise* 35:5 (Supplement):S70. *American College of Sports Medicine Annual Meeting*, San Francisco, CA, May 2003.
 51. Ardern C.I., Janssen, I, Ross, R, and **Katzmarzyk, P.T.** Health-based body mass index and waist circumference thresholds: A re-evaluation. *Canadian Journal of Applied Physiology* 28:S27. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
 52. Janssen, I., **Katzmarzyk, P.T.**, Boyce, W.F, King, M.A, and Pickett, W. Overweight and obesity in Canadian youth: 2002 update. *Canadian Journal of Applied Physiology* 28:S67. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
 53. **Katzmarzyk, P.T.**, Church, T.S, Ross, R, and Blair, S.N. Cardiorespiratory fitness attenuates obesity-related heart disease risk. *Canadian Journal of Applied Physiology* 28:S71. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
 54. Kuk, J.L., **Katzmarzyk, P.T.**, Hudson, R, and Ross, R. Differences in metabolically normal and metabolically abnormal obese men and women are not explained by differences in obesity phenotype or cardiorespiratory fitness. *Canadian Journal of Applied Physiology* 28:S74. *Annual Meetings of the Canadian Society for Exercise Physiology*, Niagara-on-the-Lake, ON, October 2003.
 55. **Katzmarzyk, P.T.** Obesity, metabolic syndrome and premature mortality. *Department of Community Health and Epidemiology Seminar Series*, Queen's University. 12 Feb 2003.
 56. **Katzmarzyk, P.T.** Implications of obesity for health and the health care system. McGill University Health Challenge 2003: Where Medicine Meets Management: Strategies for (Type II) *Diabetes and Obesity*. 7 Apr 2003.
 57. **Katzmarzyk, P.T.** Forty years of growth, maturation and physical activity research: The legacy of Robert M. Malina. *American College of Sports Medicine Annual Meeting*, San Francisco, CA. 31 May 2003.
 58. **Katzmarzyk, P.T.** Fitness versus fatness: What is the public health message? *Canadian Society for Exercise Physiology Annual Meeting*, Niagara-on-the-Lake, ON. 3 Oct 2003.
 59. **King, S.J.** Pink ribbons Inc: The breast cancer movement, physical activity, and the culture of survivorship. *North American Society for the Sociology of Sport*, Montreal, November 2003.

60. **King, S.J.** Civic fitness: Breast cancer, the Race for the Cure, and new technologies of ethical citizenship. *National Communication Association*, Miami, November 2003.
61. **King, S.J.** Branded learning: Athletic apparel contracts, U.S. universities, and the corporatization of educational culture. *Leisure Studies Association*, London, England, July 2003.
62. **King, S.J.** How to be good: The NFL's Rookie Symposium, racialized sexuality, and the politics of philanthropy. *International Communication Association*, San Diego, May 2003.
63. **King, S.J.** Sport, corporate philanthropy and the gendered global market place. *University of Memphis Study Abroad Program*, London, England, July 2003.
64. **King, S.J.** Pink ribbons Inc: The breast cancer movement and the culture of survivorship. Paradoxes of Health and Illness: Policy Implications. *The Center for Sport Policy Studies, University of Toronto and the Health Studies Programme*, McMaster University, University of Toronto, June 2003.
65. **King, S.J.** How to be good: The NFL's breast cancer campaign, racialized sexuality, and the politics of philanthropy. Capitalizing on Sport: America, Democracy and Everyday Life. *Center on Democracy in a Multiracial Society*, University of Illinois, March 2003.
66. Macaulay, A.C., Harris, S.B., **Lévesque, L.**, Cargo, M., Ford, E., McComber, A., Fiddler, R., Kirby, R., Hanley, A.J.G., Potvin, L., Zinman, B., Gittelsohn, J., Receveur, O., Salsberg, J. Primary Prevention of Type 2 Diabetes: A Tale of Two Aboriginal Communities in Canada. Kahnawake Schools Diabetes Prevention Project (*KSDPP*), Kahnawake, QC, Canada; Sandy Lake Health And Diabetes Project (*SLHDP*), Sandy Lake, ON, Canada. *Canadian Diabetes Association*, Ottawa. ON. Oct 2003.
67. Duplantie, J., **Lévesque, L.**, Macaulay, A.C., Kirby, R., Rice, J., Potvin, L. Development of a questionnaire to assess multi-level influences of physical activity involvement among Kanien'kéha:ka (Mohawk) parents. *International Society for Behavioral Nutrition & Physical Activity*, Québec, QC. July 2003.
68. Robertson-Wilson, J. E., **Lévesque, L.**, & Deakin, J.M. Clarifying the contribution of enjoyment to predicting physical activity intention in adolescent girls. *International Society for Behavioral Nutrition & Physical Activity*, Québec, QC. July 2003.
69. **Lévesque, L.**, Duplantie, J., Gauvin, L., Macaulay, A.C. Perceived environments related to physical activity involvement in Kanien'kahaka (Mohawk) women. *International Society for Behavioral Nutrition & Physical Activity*, Québec, QC. July 2003.
70. Duplantie, J., **Lévesque, L.**, Delisle, K., Macaulay, A.C., Potvin, L. (2003, Mar). Perceived personal, social and environmental factors influencing physical activity involvement among Kanien'keha:ka (Mohawk) parents. *The Society of Behavioral Medicine*, Salt Lake City, UA.

71. **Lévesque, L.** Increasing physical activity involvement in the population : Challenges and Strategies. *Medical Grand Rounds at the Kingston General Hospital*, Kingston, ON. Oct 2003.
72. **Lévesque, L.** Primary Prevention of type 2 diabetes: The Kahnawake Schools Diabetes Prevention Project Centre for Research and Training. *The Annual McGill Health Challenge Workshop: Where Medicine Meets Management: Strategies for Type 2 Diabetes & Obesity*; McGill University, Montréal, QC. Apr 2003.
73. **Lévesque, L.** Promoting physical activity involvement from an ecological approach: Moving beyond the individual. *Healthy Lifestyles: Combating the Contemporary Obesity Phenomenon and its Health Related Risks, Kingston General Hospital Career Information Fair*, Kingston, ON. March 2003.
74. **Lévesque, L.** Prevention of diabetes in Aboriginal Communities: The Kahnawake Schools Diabetes Prevention Project. *Aboriginal Council of Queen's University*, Kingston, ON. Jan 2003.
75. **Ross, R.** 'Novel insights into the interaction between physical activity, abdominal obesity and related co-morbidities'. *Health, Leisure and Human Performance Institute*, University of Manitoba, Winnipeg, Manitoba. January 16th, 2003.
76. **Ross, R.** 'Reduction of obesity and related insulin resistance: effective strategies and sex differences'. *Department of Human Kinetics and Nutrition*, University of Guelph, Guelph, February 28, 2003
77. **Ross, R.** 'New insight into the interaction between physical activity, abdominal obesity and insulin resistance'. *Department of Exercise Science*, Syracuse University, Syracuse, New York, March 28, 2003.
78. **Ross, R.** 'Impact of modifying or treating vascular (lifestyle-based) risk factors on sexual dysfunctions' *International Society for Sexual and Impotence Research*, Marrakesh, Morocco, Africa, April 3, 2003.
79. **Ross, R.** 'Influence of physical activity on obesity and related co-morbid conditions.' *Ontario Hypertension Society, Annual Spring Conference*, Muskoka Sands Resort, Ontario, May 2, 2003.
80. **Ross, R.** 'Reducing abdominal obesity: are the effects of exercise and dietary restriction different?' *Satellite Symposium, "Physical Activity and Weight Maintenance"*, Tampere, Finland, May 27, 2003.
81. **Ross, R.** 'Physical activity and obesity reduction: influence of gender'. *Thirteenth International Puijo Symposium*, Kuopio, Finland, June 22, 2003.
82. **Ross, R.** "Alternative treatment strategy for modifying sexual dysfunctions: physical activity" World Health Organization (WHO): 2nd International Consultation on Erectile and Sexual Dysfunctions. Paris, France, June 30, 2003.
83. **Ross, R.** 'Exercise with or without weight loss is an effective strategy for the prevention and treatment of abdominal obesity and related co-morbidities'. "Exercise

- and the Metabolic Syndrome" 8th Annual Congress of the European College of Sport Science, Salzburg, Austria, July 10, 2003.
84. **Ross, R.** 'Independent Role of Exercise in the Treatment and Prevention of Obesity' *Ministry of Education* Oslo, Norway, October 29, 2003.
85. **Ross, R.** 'Human Body Composition by Imaging Methods: New Insights and Clinical Applications' *Sixteenth meeting of the Sociedad de Nutriologia*, Acapulco, Mexico, November 12, 2003.
87. **Ross, R.** 'Overweight, Obesity and Associated Health Risk: Influence of Race' *Sixteenth meeting of the Sociedad de Nutriologia*, Acapulco, Mexico, November 12, 2003.
88. **Ross, R.** 'Independent Influence of Caloric Restriction or Exercise on Abdominal Obesity and Insulin Resistance' *Canadian Diabetes Association Annual General Meeting*, Ottawa, Ontario, October 17, 2003.
89. **Ross, R.** 'Losing weight or Losing Waist: The Heart of the Matter' *Family Medicine Rounds*, Queen's University, November 25, 2003.
91. **Ross, R.** 'Obesity, Physical Activity and Disease: An Asian Perspective' *Polar Weight Management Seminar Series*. Bangkok, Thailand, December 15, 2003.
92. **Smith, G.** Chair/Commentator, Session on Contested Queendom": Beauty Culture, Race, and Sexuality in 20th Century North America, *American Historical Association Annual Meeting*, Chicago, 5 Jan 2003.
93. **Smith, G.** Commentator, Session on To Fight or Not To Fight: Social Justice and the Question of War, *Organization of American Historians Annual Meeting*, Memphis, TN 3 Apr 2003.
94. **Smith, G.** *Globalization After Terror and War: What Next?* Talk For Cultural Studies Group, Critical Engagements: *A New Series on Cultural, Critical, and Social Theory*, Queen's University. 28 Feb 2003.
95. **Smith, G.** The Olympic Games in an Era of Revolution, Lecture for *PHED Faculty/Grad Student Colloquium*, 21 Mar 2003.
96. **Smith, G.** Interrogating Sport in the 21st Century, Presenter, Trinity College School *Second Annual Trinity College Teachers' Institute*, Port Hope ON 26-28 Jun 2003.
97. **Stevenson, J.M.** Biology vs Equality: Approaches to Accommodate Male-Female Strength Differences in the Workplace. At the *Women's Health Bureau Conference*, Montreal, March 2003.
98. **Stevenson, J.M.** Past and Current Research with Military and Children's backpacks. *Human Mobility Research Centre*, Queen's University, March 2003.
99. **Stevenson, J.M.** An ergonomic approach to design and evaluation of military load carriage. *School of Physical & Health Education*, Queen's University, November 2003.

100. **Stevenson, J.M.**, Morin, E.L, Good, J.A, Reid, S.A., and Bryant, J.T. Relationship between aerobic capacity and circuit duration while carrying various loads in backpacks. *American College of Sport Medicine*, San Francisco, May 2003.
101. Mackie, H., **Stevenson, J.M.**, Reid, S.A, Legg, S. Simulated demands of school backpack load carriage. *International Conference on Sport Biomechanics*. July, Tokyo, 2003.
102. Frank, E., **Stevenson J.M.**, Stothat, P., Brackley H.A. The Effects of Load Placement on Static Posture and Reaction Forces in Youth. *American College of Sport Medicine*, San Francisco, May 2003.
103. Morin, E.L, Reid, S.A, **Stevenson, J.M.** Characterization of Upper Body Accelerations for Task Performance in Humans. *Proceedings of 25th International Conference of the IEEE Engineering In Medicine And Biology Society*, Yucan, Mexico, October, 2003.
104. **Stevenson, J.M.** Truth or Fiction: Aboriginal Peoples Case Studies. *National Council on Ethics in Human Research*. Hamilton, November, 2003.
105. **Tschakovsky, M.E.**, Sujirattanawimol, K, Ruble, S.B, Valic, Z, and Joyner, M.J. Evidence for blunted sympathetic neural vasoconstriction in exercising human muscles: implications for cardiovascular control (*American College of Sports Medicine Meeting*: Featured Session Presentation. San Francisco CA, May 28- June 1, 2003).
106. **Tschakovsky, M.E.** Investigating Endothelial Function in Humans: Controlling Shear Stress is a Critical Issue. Invited Speaker. Faculty of Health Sciences - *Dept. of Pharmacology and Toxicology Seminar Series*. Queen's University, Kingston, Ontario, October, 2003.
107. **Tschakovsky, M.E.**, Sujirattanawimol, K., Ruble, S.B., Valic, Z. and Joyner, M.J. Evidence for blunted sympathetic neural vasoconstriction in exercising human muscles: implications for cardiovascular control (*American College of Sports Medicine Meeting*: Featured Session Presentation. San Francisco CA, May 28- June1, 2003).
108. Saunders, N.R. and **Tschakovsky, M.E.** Evidence for rapid vasodilation in transition from mild to moderate exercise intensity. (*American College of Sports Medicine Meeting*. San Francisco CA, May 28- June1, 2003).
109. Rogers, A.M., Pyke, K.E., Glenn, N., Lee, S.J., Weissgerber, T. and **Tschakovsky, M.E.** Contraction intensity determines immediate blood flow increase at exercise onset. (*American College of Sports Medicine Meeting*. San Francisco CA, May 28- June1, 2003).
110. Pyke, K.E. and **Tschakovsky, M.E.** A new endothelial function test reduces trial to trial stimulus and response variability. (*American College of Sports Medicine Meeting*: San Francisco CA, May 28- June1, 2003).
111. Saunders, N.R., and **Tschakovsky, M.E.** Evidence for rapid vasodilation in transition from mild to moderate exercise intensity. *Med. Sci. Sports and Exerc.* (Suppl.) 35(5): S44, 2003.

112. Pyke, K.E., Dwyer, E.M. and **Tschakovsky, M.E.** *A new non-invasive technique to measure endothelial function in humans. Can. J. Appl. Physiol.* 28, S92, 2003.
113. Saunders, N.R., Dacunha, M., Pyke, K.E. and **Tschakovsky, M.E.** Effects of contraction duty cycle on blood flow in humans during rhythmic dynamic forearm exercise. *Can. J. Appl. Physiol.* 28, S96, 2003.
114. Rogers, A.M., Fofie, D., and **Tschakovsky, M.E.** Effect of Acute Exercise on Venous Compliance and Capacitance in the Human Forearm. *Can. J. Appl. Physiol.* 28:S94, 2003.
115. **Willis, B.** National Coaching Symposium, *Seneca College*, Toronto ON . 14 Jun 2003.
116. **Willis, B.** Tech 1, *Royal Military College*, Kingston ON. Sep 2003.
117. **Willis, B.** *Juvenile Elite Training Centre*, York University, Technical Director. 14-20 Jul 2003.
118. Glenn, N.M., Davies, G.A.L., Charlesworth, S.A. and **Wolfe, L.A.** Prolonged exercise in late gestation-fetal responses. *Canadian Journal of Applied Physiology* 28: S57-S58, 2003.
119. Glenn, N.M., Davies, G.A.L., Charlesworth, S.A. and **Wolfe, L.A.** Prolonged exercise in late gestation-maternal responses. *Canadian Journal of Applied Physiology* 28: S58, 2003.
120. Jensen, D., **Wolfe, L.A.**, Nettlefold, L.A., O'Donnell, D.E. and Davies, G.A.L. Chemoreflex control of breathing: Differences between men and women. *Canadian Journal of Applied Physiology* 28: S68, 2003.
121. **Wolfe, L.A.** Joint SOGC and CSEP Clinical Practice Guideline. Exercise in pregnancy and the postpartum period. Presentation at the *Annual Meeting of the Canadian Society for Exercise Physiology*. Niagara-on-the-Lake, October 4th, 2003.
122. **Wolfe, L.A.** Joint SOGC and CSEP Clinical Practice Guideline. Exercise in pregnancy and the postpartum period. *School of Physical and Health Education Fall Seminar Series*, Queen's University, December 5th, 2003.
123. Jensen, D., **Wolfe, L.A.**, O'Donnell, D.E, Webb, K.A, and Davies, G.A.L. Respiratory limitation to exercise tolerance in late gestation. Fact or fiction? *James Low Research Day*, Department of Obstetrics and Gynaecology, Queen's University, March 21st, 2003.
124. Weissgerber, T.L., **Wolfe, L.A.**, Van Vugt, D.A, Graham, C.H, Adams, M.A, Tschakovsky, M.E. and Davies, G.A.L. Values of prenatal exercise to prevent preeclampsia. *James Low Research Day*, Department of Obstetrics and Gynaecology, Queen's University, March 21, 2003.

125. Kerr, J.L., **Wolfe, L.A.**, Heenan, A.P, and Davies, G.A.L. Physiological changes at rest and during exercise in early pregnancy: A preliminary report. *James Low Research Day*, Department of Obstetrics and Gynaecology, Queen's University, March 21, 2003.
126. Charlesworth, S.A., **Wolfe, L.A.** and Davies, G.A.L. Acid-base responses to prolonged exercise in late gestation. *James Low Research Day*, Department of Obstetrics and Gynaecology, Queen's University, March 21, 2003.
127. Jensen, D., **Wolfe, L.A.**, O'Donnell, D.E, Webb, K.A, and Davies, G.A.L. Respiratory limitation to exercise tolerance in late gestation. Fact or fiction? *Ontario Exercise Physiology Meeting*, Barrie, ON, January 26th, 2003.
128. Jensen, D., **Wolfe, L.A.**, Nettlefold, L.A., O'Donnell, D.E. and Davies, G.A.L. Effects of time of day on ventilatory chemoreflex characteristics in healthy human subjects. *Canadian Journal of Applied Physiology* 28: S67, 2003.
129. **Wolfe, L.A.**, Kerr, J.R., Weissgerber, T.L. and Davies, G.A.L. Physicochemical analysis of changes in acid-base regulation in early pregnancy. *Medicine and Science in Sports and Exercise* 35: S47, 2003.
130. Heenan, A.P. and **Wolfe, L.A.** The effect of human pregnancy on the VO₂ slow component. *Medicine and Science in Sports and Exercise* 35: S335, 2003.

- **Honours and Awards Related to Research**

Adams, M.L. Queen's Chancellor's Research Award

Côté, J. North American Society for the Psychology of Sport and Physical Activity (NASPPA). Human Kinetics Lecturer. June 2003.

Katzmarzyk, P.T. American College of Sports Medicine. 2003 New Investigator Award.

STAFF & FACULTY

Faculty	Mary Louise Adams (Graduate Coordinator effect 01 Jul 2003) Rob Beamish (Administrative Leave (2003-2004)) Hart Cantelon (Emeritus) Pat Costigan Jean Côté Janice Deakin (Director) Peter Katzmarzyk Samantha King Lucie Lévesque Bob Ross Geoff Smith Joan Stevenson Michael Tschakovsky Larry Wolfe (Graduate Coordinator til 30 Jun 2003)
Continuing Adjuncts	Melody Torcolacci Brenda Willis
Adjunct Instructors	Mohammed Abdoli Irene Armstrong Joe Baker Cathy Ferri Kathy Jackson (Undergraduate Coordinator) Scott Lynn John McFarlane (Chair of Athletics & Recreation) Chris Oliver Wendy Reynolds Dave Ross Kimberley Shaw Bill Sparrow
Activity Instructors	Beth Barz Don Duffey Amanda Foran Sean Horton Scott Lynn Anne-Marie MacDonald Chris Oliver Harold Parsons Tyson Plesuk Josef Riha Medoly Torcolacci Brenda Willis
Research Assistants	Sue Reid (Biomechanics/Ergonomics) – J Stevenson Alana Hermiston, Ottawa/Peterborough (archival research) – ML Adams Susan Parissi, Gait Lab in Human Mobility Research Centre – P Costigan Christina Reisinger, Vienna, (research and translation) – ML Adams Susan Shea, Toronto (research) – ML Adams
Administrative Staff	Ken Hall (Technical Support) Valerie Johnson (Undergraduate Secretary/Receptionist) Angie Maltby (Administrative Assistant to Director and Graduate Assistant) Bill Pearce (Technical Support)

Teaching Assignments by Faculty Member

Faculty	WINTER TERM 2003	FALL TERM 2003
Mary Louise Adams (Graduate Chair)	HLTH 333	PHED 473/873
Rob Beamish – sabbatical		
Pat Costigan	PHED 453 (<i>cancelled</i>) PHED 851 w/B Brouwer	PHED 153
Jean Côté	PHED 465	PHED 237 PHED 865
Janice Deakin		PHED 261
Peter Katzmarzyk	HLTH 231	Graduate Seminar Series
Samantha King		HLTH 397
Lucie Lévesque	PHED 165	PHED 463 (<i>cancelled on Mat</i>)
Bob Ross	PHED 255 PHED 886	PHED 357
Geoffrey Smith	PHED 241 PHED 475	PHED 105 (<i>on overload</i>) HLTH 239
Joan Stevenson	Graduate Seminar Series PHED 853 (<i>comb w/Mech895</i>)	PHED 353 (<i>buy out</i>) PHED 450 (<i>buy out</i>) PHED 853 (<i>comb w/Mech895</i>)
Michael Tschakovsky	PHED 888	PHED 335
Larry Wolfe	PHED 155 PHED 459/881	PHED 885
Continuing Adjuncts		
Melody Torcolacci	PHED 107 (Strength/Conditioning) PHED 207 (2 rotations) (Strength/Conditioning)	PHED 107 (Strength/Conditioning) HLTH 200 PHED 245 PHED 307 (Strength/Conditioning)
Brenda Willis	PHED 307 (Volleyball)	PHED 207/307 (Volleyball)
Adjuncts / Other		
Mohammad Abdoli		PHED 450
Irene Armstrong	PHED 351	PHED 891
Joe Baker		PHED 261 (with Deakin)
Beth Barz		PHED 207 (Rugby)
Don Duffey	PHED 100 (Aquatics) PHED 107 (Aquatics)	PHED 001 (Aquatics) PHED 107 (Aquatics)
Tamara Ferguson	PHED 105	
Cathy Ferri	PHED 331	HLTH 131
Amanda Foran		PHED 207 (Soccer)
Sean Horton		PHED 207 (Squash)
Bob Howes	PHED 107	
Kathy Jackson	PHED 333 PHED 403/4356/491 (Coord) PHED 456 (Coord)	PHED 107 (Coord) PHED 207 (Coord) PHED 307 (Coord)

	HLTH 491 (Coord)	
Joanne Kay	PHED 367	
Scott Lynn		PHED 207 (Golf) PHED 353
Anne Marie McDonald		PHED 207 (Fitness)
John McFarlane		PHED 371
Chris Oliver	PHED 307 (Basketball) PHED 303	PHED 307 (Basketball)
Harold Parsons		PHED 207 (Ice Training) PHED 307 (Ice Training)
David Ross	PHED 331	
Kim Shaw	PHED 343	
Bill Sparrow	PHED 438	PHED 338
Linda Whitfield		PHED 207 (Let's Play Games)
Contract		
Josef Riha	PHED 107 (Dance)	PHED 107 (Dance) PHED 207 (Dance)

SERVICE

Faculty Name	University Service	Community Service
Adams, Mary Louise	<ul style="list-style-type: none"> ▪ Graduate Coordinator (2003-2005) ▪ Graduate Studies Division V (Representative) (2003-04) ▪ QNS Adjudicating Committee (Member) ▪ QUFA (Council Representative) ▪ Ban Righ Centre (Board Member) ▪ Macintosh Lecturer/Sociology of Sport Day Conference (Coordinator) ▪ SPHE Graduate Subcommittee Member ▪ Department of Sociology (Hiring Committee Member) (2003-04) ▪ SPHE Promotion, Renewal & Tenure Committee (Member) (2003-04) ▪ SGSR Academic Appeal Board (Member) ▪ Committee of Study Abroad and Student Exchange (Member) ▪ SPHE Unit Research Ethics Board (Member) 	<ul style="list-style-type: none"> • International Sociology of Sport Association (Member) • North American Association for the Sociology of Sport, Barbara Brown Paper Award Adjudicating Committee (Member) • Canadian Lesbian and Gay Studies Association, Graduate Student Essay Award Adjudicating Committee (Member) • Ontario Graduate Scholarship Student Selection Panel, Applied Social Science, Doctoral Applications (Chair)

<p>Costigan, Pat</p>	<ul style="list-style-type: none"> ▪ Chancellor's Scholarship (Reviewer) ▪ Board of Studies, Faculty of Arts & Science (Chair Sep 2003 - Dec 2003) ▪ SPHE Library Services (Representative) ▪ SPHE Undergraduate Subcommittee (Member) ▪ Motor Performance Group, School of Rehabilitation Therapy (Principal Investigator) • Human Mobility Research Center Gait Lab (Co-Coordinator) ▪ HMRC (Principal Investigator) 	
<p>Côté, Jean</p>	<ul style="list-style-type: none"> ▪ SPHE Promotion, Renewal, Tenure Committee (Chair) ▪ SPHE Appointments Subcommittee (Member) ▪ SPHE QNS Appointments Subcommittee (Member) ▪ SPHE Graduate Subcommittee (Member) ▪ SPHE Unit Research Ethics Board (Member) 	<ul style="list-style-type: none"> ▪ International Society of Sport Psychology (Member) ▪ Canadian Society for Psychomotor Learning and Sport Psychology (Member) ▪ Association for the Advancement of Applied Sport Psychology (Member) ▪ North American Society for Psychology of Sport and Physical Activity (Member) ▪ Canadian Association for Health, Physical Education, Recreation and Dance (Member)

Deakin, Janice	<ul style="list-style-type: none"> ▪ School of Physical and Health Education (Director) (Jun 2000 to present) ▪ SPHE Appointments Subcommittee (Chair) ▪ All SPHE School Committees (ex-officio member) ▪ All SPHE Athletics Committees (ex-officio member) ▪ Committee of Departments, Faculty of Arts & Science (Member) ▪ Faculty Board, Faculty of Arts & Science (Member) ▪ University Council on Athletics (Executive Director) ▪ SPHE Appointments Subcommittee (Chair) ▪ Standards Division of Ergonomics Research Group (Chair) ▪ QNS Adjudication Committee (Fac of Arts & Sciences Representative) ▪ JCAA Side Table on Salary Anomalies (Member) (2001 to present) ▪ IAR for Neuroscience Program (Member) ▪ Queen's Centre: <ul style="list-style-type: none"> 1. Steering Committee (Member) 2. Management Committee (Member) 3. Program Committee (Member) 	<ul style="list-style-type: none"> ▪ Council of Canadian University Physical Education and Kinesiology Administrators (Member) ▪ CCUPEKA Accreditation Council (Member) ▪ CCUPEKA Lobbying Initiative on Disease Prevention Through Physical Activity (Member)
Jackson, Kathy	<ul style="list-style-type: none"> ▪ Faculty of Arts & Sciences, Faculty Board (Member) ▪ Intramural Executive Council (2001-03) ▪ University Council on Athletics (Chair 2003-2004) ▪ Risk Management Committee (Member) ▪ Recreation/Intramural Review Committee (Chair) ▪ SPHE Appointments Subcommittee (Member) ▪ QNS Appointments Subcommittee (Member) ▪ Horizons 2003 (Advisor) ▪ Winter Adapted Games 2003 (Staff Advisor) 	<ul style="list-style-type: none"> ▪ Active Schools Committee (Member) ▪ Historic Hockey Organizing Committee (Member) ▪ Loyalist College Recreation Leadership Advisory Board (Member) ▪ Active Living Alliance for Canadians with Disabilities (Youth Exchange Advisor) ▪ Principal's Advisory Committee on Accessibility (Member)

Katzmarzyk, Peter	<ul style="list-style-type: none"> ▪ SPHE Appointments Subcommittee (Member) ▪ QNS Appointments Subcommittee (Member) ▪ Graduate Seminar Fall Series 2003 (Coordinator) ▪ Chancellor's Scholarship (Reviewer) 	<ul style="list-style-type: none"> ▪ Obesity Canada (Vice-President and Treasurer) ▪ American College of Sports Medicine (Fellow) ▪ Human Biology Association (Fellow) ▪ North American Association for the Study of Obesity (Fellow) ▪ Canadian Society for Epidemiology and Biostatistics (Member) ▪ Canadian Society for Exercise Physiology (Member) ▪ Physical Activity Task Force (PATF) of the International Association for the Study of Obesity (Member)
King, Samantha	<ul style="list-style-type: none"> ▪ SPHE QNS Appointments Subcommittee (Member) ▪ SPHE Appointments Subcommittee (Member) ▪ SPHE Strategic Planning Committee (Member) ▪ Major Entrance Scholarship/Award Applications Committee (Reader) 	<ul style="list-style-type: none"> ▪ Annual Meeting of the North American Society for the Sociology of Sport (NASSS) (Site Host and Program Committee Member) ▪ Board of Directors, NASSS (Member-at-Large) ▪ Ad-hoc Committee on Conference Program Guidelines, NASSS (Chair) ▪ Book Award Committee, NASSS (Chair) ▪ Program Committee, NASSS (Member) ▪ Annual Meeting - Session "Body Cultures", NASSS (Chair) ▪ National Communication Association, International Communication Association, Leisure Studies Association (Member)

Lévesque, Lucie	<ul style="list-style-type: none"> ▪ Promotion, Renewal, Tenure Committee, SPHE (Member) ▪ SPHE Appointments Subcommittee (Member) ▪ SPHE Strategic Planning Committee (Member) 	<ul style="list-style-type: none"> ▪ Kahnawake Schools Diabetes Prevention Project in Kahnawake, QC, training and research activities (Member) ▪ American Public Health Association (Member) ▪ Canadian Diabetes Association (Member) ▪ National Aboriginal Diabetes Association (Member) ▪ Society for Behavioral Medicine (Member) ▪ Society of Public Health Education (Member) ▪ Heart & Stroke Foundation of Canada, School Programs, Kingston Chapter (Chair) ▪ Heart & Stroke Foundation of Canada, Health Promotion Committee: Physical Activity (Member)
McFarlane, John	<ul style="list-style-type: none"> ▪ Steering Committee for Student Life Centre ▪ University Grounds Committee ▪ University Council on Athletics (Member and Chair, Budget Subcommittee) ▪ Advisory Committee on Safety in Academic Field Activities 	<ul style="list-style-type: none"> ▪ OUA Management Committee ▪ OUA Planning Committee (Chair) ▪ CIS Equity and Equality Committee ▪ CIS Research and Development Committee
Ross, Dave	<ul style="list-style-type: none"> ▪ SPHE Health & Safety Committee (Member) 	<ul style="list-style-type: none"> ▪ Canadian Athletics Therapists Association (Member)

<p>Ross, Bob</p>	<ul style="list-style-type: none"> ▪ SPHE Third Annual Research Day (Organizer) ▪ Cardiac Circulatory & Respiratory Research Group, Faculty of Health Sciences (Member) ▪ Horizons 2003 (Faculty Advisor) ▪ SPHE Appointments Subcommittee (Member) 	<ul style="list-style-type: none"> ▪ Canadian Institutes of Health Research, Metabolism Grants Review Committee (Member) ▪ Canadian Diabetes Association, Applied Research Grants Review Committee (Member) ▪ Heart and Stroke Foundation of Canada, Personnel Awards Review Committee (Member) ▪ Canadian Society for Exercise Physiology (Member) ▪ American College of Sports Medicine (Member) ▪ North American Association for the Study of Obesity (Member) ▪ Canadian Federation of Biological Sciences (Member) ▪ Canadian Society for Nutritional Sciences (Member)
<p>Smith, Geoff</p>	<ul style="list-style-type: none"> ▪ SPHE Equity Representative Winter Term ▪ A&S Academic Orientation Committee ▪ Political Action Committee, QUFA (SPHE Co-Representative) ▪ Annual TA Workshop (Co-Director) ▪ Queen's <i>Journal</i> (Faculty Advisor) ▪ SPHE Appointments Subcommittee (Member) ▪ Board of Studies, Faculty of Arts & Science (Member) ▪ Orientation Committee, Faculty of Arts & Science (Member) 	<ul style="list-style-type: none"> ▪ Organization of American Historians (Member) ▪ Peace History Society (Past President) ▪ Society for Historians of American Foreign Relations (Member) ▪ Kingston Antiwar Coalition Demonstration (Planning Committee Member and Speaker) ▪ Kingston Whig Standard Community Editorial Board (Member)
<p>Shaw, Kimberley</p>		<ul style="list-style-type: none"> ▪ Hearts at Work Committee ▪ Be Active Working Group of Kingston (Chair) ▪ Kingston Active Schools Initiative Committee (Chair)

Stevenson, Joan	<ul style="list-style-type: none"> ▪ General Research Ethics Board (Chair) ▪ Board of Trustees (Member) ▪ Board of Trustees Finance Committee (Member) ▪ CRFC Board of Directors (Member) ▪ Major Entrance Scholarship Review Committee ▪ VP Research Advisory Committee on Institutes at Queen's (Human Mobility Research Centre) (Member) ▪ Major Undergraduate Entrance Scholarships for Queen's (Reviewer) ▪ Visiting Scholar Adjudication Committee, Faculty of Arts & Science (Member) ▪ SPHE Golden Gaels Athletics Council (Representative) ▪ SPHE Appointments Subcommittee (Member) 	<ul style="list-style-type: none"> ▪ International Society of Biomechanics (Member) ▪ Canadian Society of Biomechanics (Member) ▪ American Society of Biomechanics (Member) ▪ International Society of Ergonomics (Member) ▪ Association of Canadian Ergonomists (Member) ▪ American College of Sports Medicine (Member) ▪ External Academic Review of the School of Human Kinetics, University of British Columbia (Chair) ▪ Accreditation of Kinesiology, College of Kinesiology, University of Saskatchewan (External Reviewer)
Torcolacci, Melody	<ul style="list-style-type: none"> ▪ Academic Council (Member) ▪ Campus Recreation Committee (Member) ▪ OUA Coaches Committee, Track and Field Championships (Chair) 	<ul style="list-style-type: none"> ▪ High School Coach ▪ University Coach ▪ Canadian Sport Centre (Consultant) ▪ Eastern Canadian Rugby Academy ▪ National Strength and Conditioning Association (Member)
Tschakovsky, Michael	<ul style="list-style-type: none"> ▪ SPHE Graduate Subcommittee (Member) ▪ SPHE Division I (Representative) ▪ Masters Thesis Defence (Chair) ▪ SPHE Strategic Planning Subcommittee (Chair) ▪ MSc Thesis Defence Committee - Epidemiology (2) (Chair) ▪ MSc Thesis Defence (5) (Member) ▪ SGSR Division IV Committee (Member) ▪ SPHE Unit Research Ethics Board (Member) 	<ul style="list-style-type: none"> ▪ American College of Sports Medicine ▪ Canadian Society of Exercise Physiology ▪ American Physiological Society
Willis, Brenda	<ul style="list-style-type: none"> ▪ University Council on Athletics (Member) ▪ Campus Recreation (Coordinator) 	<ul style="list-style-type: none"> • Ontario Volleyball Association (President) • Volleyball Canada, President's Council (Board Member) • Canadian Professional Coaches Association (Member)

Wolfe, Larry	<ul style="list-style-type: none"> ▪ SPHE Graduate Studies Division I (Representative) ▪ Advisory Research Committee, Subcommittee I. (Member) ▪ SPHE Graduate Subcommittee (Chair) ▪ SPHE Mission Statement Subcommittee (Member) ▪ SPHE Unit Research Ethics Board (Chair) ▪ SPHE Health and Safety Committee (Co-Chair) 	<ul style="list-style-type: none"> ▪ Canadian Society for Exercise Physiology (President-Elect for 2002-2004) ▪ Canadian Society for Exercise Physiology (Treasurer 2001 – 2003) ▪ College of Family Physicians of Canada Physical Activity and Health Strategy Coordinating Committee (Member) ▪ American College of Sports Medicine (Fellow) ▪ Canadian Society for Exercise Physiology (2002-2004) (President-Elect) ▪ Canadian Society for Exercise Physiology (2001-2003) (Treasurer)
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Professional Contributions

Editorial Boards

Côté, J.

- Editor. Sport Psychology Section, *The Asian Journal in Exercise and Sports Science (AJESS)*.
- Editorial Board. *Journal of Applied Sport Psychology*.
- Editorial Board. *Revue des Sciences et Techniques des Activités Physiques et Sportive*.
- Editorial Board. *Avante*.
- Editorial Board. *Physical Education and Sport Pedagogy*
- Editorial Board. *The Sport Psychologist*.

Katzmarzyk, P.T.

- Associate Editor. *Canadian Journal of Applied Physiology*.
- Associate Editor. *Exercise and Sport Sciences Reviews*.

King, S.J.

- Editorial board, *Journal of Sport and Social Issues*.

Ross, R.

- Associate Editor. *Canadian Journal of Applied Physiology*.

Smith, G.

- Editorial Board. *International History Review*
- Editorial Board. *H-Peace.com*
- Editor. "The Lavender Scare: The Cold War Persecution of Gays and Lesbians in the Federal Government", by David K. Johnson. *University of Chicago Press*. 2003.

Wolfe, L.A.

- Associate Editor. *Canadian Journal of Applied Physiology*
- Editorial Board. *Medicine and Science in Sports and Exercise*.
- Editorial Review Board. *American College of Sports Medicine (ACSM) Health and Fitness Journal*.

Granting Councils - Reviewer

Adams, M.L.

- Hampton Research Fund, University of British Columbia

Deakin, J.M.

- Hampton Research Fund, University of British Columbia.

Katzmarzyk, P.T.

- Canadian Foundation for Innovation, New Opportunities Funds.
- Nova Scotia Health Research Foundation.
- Canadian Institutes for Health Research, Randomized Controlled Trials.

Ross, R.

- CIHR (4)
- CIHR-NET (1)

Stevenson, J.M.

- WSIB Grants for Ontario.
- WSIB Grant for British Columbia.

Wolfe, L.A.

- Canadian Institutes for Health Research
- NSERC

Granting Councils - Participation

Adams, M.L.

- Ontario Graduate Scholarship Student Selection Panel, Applied Social Science, Doctoral Applications (Chair)

Côté, J.

- SSHRC, 2003 Program Competition Adjudication Committee (Educational Psychology).

Lévesque, L.

- Fonds de la recherche sur la société et la culture (FORSC): Multidisciplinary Evaluation Committee (Member)

Tschakovsy, M.E.

- Ontario Thoracic Society Block Term Grant Review Committee.

Katzmarzyk, P.T.

- Heart and Stroke Foundation (HSF) of Canada Scientific Review Committee VII (Population Health/Behavioural).
- Canadian Institutes of Health Research, CIHR Centres for Research Development, Understanding and Addressing the Impacts of Physical and Social Environments on Health Review Committee.

Program Reviews

Deakin, J.M.

- CCUPEKA Accreditation Review, University of Toronto.