



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

ANNUAL REPORT

for the

School of Physical and Health Education

2004

DIRECTOR'S STATEMENT

The 2004 version of the annual report of the School of Physical and Health Education outlines a series of impressive undertakings and accomplishments. The achievements of our students, staff and faculty are seen across the elements that comprise the mandate of the School. From scholarships and research grants, to teaching, program introductions, conference presentations, community programs and staff achievement awards, the School and its members have been successful in meeting the goals we have for our programs. The School remains on an impressive trajectory that is transforming our institutional and societal roles. The work of the School has commanded the attention of both the institution and the external consultants who engaged in the Internal Academic Review of the School's programs in 2004.

Significant events related to staffing in 2004 included two new appointments. Dr. Elaine Power has expertise in the areas of social determinants of health and health policy. Dr. Power completed her Ph.D. in the Department of Public Health Sciences at the University of Toronto and joined us in July 2004 after completing a position in the Department of Nutritional Sciences, also at the University of Toronto. Dr. Ian Janssen joined us in 2004 after being awarded a Queen's National Scholar position. Dr. Janssen is jointly appointed to the School and the Department of Community Health and Epidemiology. Both Drs. Power and Janssen are working in the Health Studies program offered through the School. In addition, the Faculty of Arts and Science released a tenure track position in the area of Health Promotion for appointment in the School in 2005.

The BAH major concentration in Health Studies was approved by Senate in May 2004. The first class entered in September 2004. The role of the School in providing programs that address subject areas that bear on human health in its broadest sense is expressed through the new Health Studies program. The Faculty of Arts and Science approved the appointment of an Assistant Coordinator of undergraduate studies in support of the new Health program. In December, the School appointed Melody Monte to that position. Melody, the Undergraduate Assistant in the Department of Psychology for 18 years is a welcome addition to our administrative team and we anticipate her experience will serve the School and our students well as the Health program is implemented. With the retirement of our long serving Undergraduate Secretary, Valerie Johnson, we welcomed Trish Stenzl to that position in June 2004.

We have fourteen full-time faculty members representing disciplines in humanities and sciences, social, behavioural and exercise sciences who collectively hold over \$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 (NET) awarded to Drs. Katzmarzyk (PI) in the amount of \$1.5 million for his team's work on understanding the individual and socio-environmental health risks of obesity. This grant is the second NET \$1.5 million grant awarded to Queen's researchers, both of whom are faculty members in the School (Katzmarzyk 2004-2009; Ross 2003-2008). 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 external reviewers on the IAR perhaps put the accomplishments of the faculty best when they stated in their report to the University that "... the level of research productivity in publications per faculty member and the level of funding from tri-council in dollars per faculty member positions this Faculty easily within the top 10% of Physical Education/Kinesiology/ Human Kinetics and like

units in Canada. Second these enviable averages are not solely due to the performance of a few “high-fliers”, but in fact appear to be bolstered by the fact that ALL [sic] faculty members are active in research. This is also very unusual in the field in Canada.”

Faculty members in the School continue to attain very high teaching ratings at both the undergraduate and the graduate level. Overall School averages on the USAT ratings place the School in the top 10% of departments within the Faculty. Further evidence of commitment to and excellence in teaching is seen in the awarding of the Frank Knox Teaching Award to Dr. Geoffrey Smith in 2004. This university wide award is the highest honor given in recognition of excellence in teaching. Dr. Ross was nominated for this award in 2005.

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 also 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 2004 was 103, representing 29% of the students eligible for consideration. This represents a three percent increase over 2003. Student run initiatives included the second annual *Horizons Conference* that was held in November 2004. The career opportunity conference provided access to speakers and sessions on a variety of careers under the title *Dare to discover the road less traveled*.

The graduate programs of the School were reviewed as part of the overall IAR process as well separately through the cyclical Ontario Council on Graduate Studies (OCGS) review. For the OCGS review the School proposed a redesign of the Master’s and Ph.D. programs to offer opportunities for students in the fields of: 1) Psychology and socio-cultural studies of physical activity, 2) Physical activity epidemiology and health promotion and 3) Applied exercise science. In addition, a name change to Health and Physical Activity Sciences was requested for the Ph.D. program. Decisions by OCGS on these requests are pending in 2005.

The quality of graduate students is high by any benchmark. Forty-one percent of the 37 full time students in the program received external scholarships and an additional 22% percent received major internal fellowships and awards. Graduate students consistently complete their programs in the requisite amount of time and a full 90% graduate with a minimum of one publication while 60% leave with multiple publications. Further indication of graduate student achievement is documented in this report.

Two members of the staff in the School were honoured in 2004 with the University’s Special Recognition Award. Kim Shaw, the coordinator of the Fitness and Lifestyle Centre and an adjunct member of the faculty, with her assistant Rodney Wilson received this award in recognition of their outstanding contribution to the learning and working environment at Queen’s. We are exceedingly proud of the work that our staff undertake on behalf of the varied programs offered through the School of PHE.

Fundraising will remain a central focus for us, as we work on both capital initiatives and student support through scholarships and bursaries. The 2004 version of the Faculty Projects Appeal resulted in donations of over \$10,000 to the School. Purchases from this fund were made for library acquisitions, undergraduate computer and laboratory equipment, software, and training initiatives. In addition a Director’s Student Initiative fund was established with a mandate to support student participation in projects devoted to the principles of personal growth and/or community service. Funded projects provided educational opportunities such as participation in competitions, symposia, conferences, festivals and community development projects. We will continue to use philanthropic funds to augment support for current programs and new initiatives.

The Board of Trustees was provided with renderings and floor plans for the Queen's Centre project in October 2004. Design work continued throughout the remainder of 2004, with a target of attaining final approval from the Board in March 2005. This exciting project will culminate in the development of new facilities for the academic and athletics/recreation programs for which we are responsible. Project plans include a stand-alone building for the School, which will be completed in phase one of a three phase, eight year construction horizon. 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.

Plans for 2005 include review of a number of items raised throughout the IAR and OCGS processes. These include discussions on the concurrent BA/BPHE, BSC/BPHE programs with a view to determining their role in the evolving mission and staffing of the School as well as the relationship of the School name to our suite of program offerings. Work will continue on defining the teaching, research and support space in the new building. We anticipate another productive year in 2005.



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 prepare students to promote physical, mental and social well-being through the advocacy and application of physical activity as a part of a healthy society. (Strategic Plan Revision May 2004)

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 students the only program of its kind in Canada, allowing students to complete a Bachelor of Arts or Bachelor of 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.

Along with their BPHE degree, students in this program complete an Arts or Science concentration in a field of study ranging from the physical and natural sciences to languages, humanities and social sciences. In addition, students may select elective courses from the entire breadth of offerings in the Faculty of Arts and Science and/or from a limited number of course offerings from Commerce and Nursing. The Physical and Health Education degree consists of a solid core that spans the breadth of the field and 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 health and fitness. Career preparation within the BPHE degree is maximized through the option to focus one's studies in one of four streams: professional, biological sciences, social sciences, and pre-teacher preparation.

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. Students generally complete all 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 towards the biological science stream, 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, policy work, community health and recreation fields. 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 for physical education 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:

HLTH 101*	Social Determinants of Health
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 another 1.5 activity credits and the following courses:

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

Admissions Summary for 2004

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. 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 Statement of Experience (PSE), indicating involvement and achievements outside the classroom. The PSE 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	No data available	No data available	255	488	743
Offers	42	195	57	180	237
Acceptances	20	70	16	74	90
Deferrals	1	2	1	2	3
Registration Count on November 1 st	19	68	15	72	87

* some students may have applied to and been offered admission to both the BA/BPHE and BSC/BPHE programs

Source of Applications *

	Ontario	Non-Ontario	Source	Total
Applications	581	162		743
Offers	203	34		237
Acceptances	81	9	1 from China 1 from Germany 3 from BC 3 from AB 1 from SK	90
Deferrals	2	1	1 from AB	3
Registration Count on November 1 st	79	8	1 from China 1 from Germany 3 from BC 2 from AB 1 from SK	87

* some students may have applied to and been offered admission to both the BA/BPHE and BSC/BPHE programs

Offers of admission were extended to students with a composite score of 92.5 or higher. The minimum PSE score for an offer of admission was 4.5. Greater than ninety percent of the offers were extended to students with a PSE score of 6.0 or higher. The minimum admission average for offers was 84.3 per cent (or equivalent grade point average) for all students with the exception of three recruited athletes. These student-athletes had entrance averages slightly below the minimum, ranging from 83.3 to 83.7 per cent.

Four students were offered major Queen's University entrance awards. Two students accepted those offers. Among the students accepting offers of admission, an additional seventeen students received entrance scholarships or bursaries.

Transfer Admissions

Each year the Undergraduate office fields close to one hundred inquiries from students interested in transferring to the concurrent BPHE program. These inquiries come from two sources – students internal to Queen's and students who are studying elsewhere. Internally, these students are completing a wide variety of programs, most notably, programs in the Faculty of Arts and Science. Externally, inquiries typically come from students who are enrolled in Physical Education or Kinesiology programs across Canada and beyond, students currently at CEGEP or students who have left Kingston to pursue post-secondary studies and have come to the realization that they would prefer to (or need to for personal or family reasons) study at home. Students are automatically referred to the School of PHE web site and provided pertinent information related to deadlines and the transfer application process. Two years ago, the Undergraduate Coordinator introduced Transfer Student Information sessions to assist with the dissemination of general information and respond to questions about the concurrent BPHE program. These sessions are held twice a year, in November and March. They have been highly successful, attracting approximately ten to twelve students per session. These sessions have significantly reduced the need to schedule individual advising appointments during which the same content is repeatedly conveyed to students.

In a typical year, the ratio of internal to external applicants is two to one and the total number of applications received is approximately forty. In June 2004, the ratio of internal to external applicants mirrored this pattern although the total number of complete applications from eligible applicants was a little lower than usual. The applicant pool however was very strong. In addition to strong academic records, more than one third of the applicants were of advanced standing in their undergraduate program, having completed at least two years at Queen's or in a Physical Education (or equivalent) program elsewhere. The strength of the 2004 applicant pool, in combination with a smaller than normal second year class (i.e. numbers in the low versus high 80's), resulted in a higher number of offers to transfer students.

Transfer Summary for June 2004

	Male	Female	BA-BPHE	BSC-BPHE	Total
Applications – Int	6	12	5	13	18
Applications – Ext	2	8	5	5	10
Offers – Int	4	8	5	7	12
Offers – Ext	0	4	2	2	4
Acceptances – Int	4	7	4	7	11
Acceptances – Ext	0	3	2	1	3

Undergraduate Enrolment

The overall undergraduate enrolment in the School of Physical and Health Education is approximately 380 students. The number of students per year is generally around 90 students.

Enrolment by Year for 2004-05

	Male	Female	BA-BPHE	BSC-BPHE	Total
PHE '08	19	68	15	72	87
PHE '07	15	77	25	67	92
PHE '06	18	71	24	65	89
PHE '05	21	64	39	46	85
Active 5 th year	15	14	17	12	29
Total	88	294	120	262	382

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. This stream allows students to receive optimal training for teaching through the selection of designated courses. Successful completion of the SSP program will allow students who declare an interest in teacher preparation to receive documentation indicating 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 expresses an interest in the teaching profession. The majority of students designate SSP as their program of choice during the program selection round of preregistration at the end of first year.

SSP Enrolment in 2004-05

	Male	Female	Total SSP	Total Enrolment
PHE '08	0	1	1	87
PHE '07	6	23	29	92
PHE '06	6	22	30	89
PHE '05*	8	24	30	114

* includes students in 'fifth' year

Students on Exchange or Letters of Permissions

Typically students participate in exchange or study abroad programs in the third year of their university career. Over the past couple of years, the number of BPHE students participating in exchanges has risen to at least five students per year. During the 2004-05 academic cycle, seven students were selected to go on exchange for at least one term of study and one student spent the spring/summer session at Herstmonceaux. Recently, a shift has also been noticed in the most common exchange destination. Until two years ago, that destination was usually schools in Scotland however the new destinations of choice are New Zealand and Australia. The main reasons for this are the availability of a broader range of Physical Education course offerings at New Zealand and Australia universities and the fact that students can go on exchange for a single semester.

On the receiving end, it is usual for one to two students to be visiting our program on exchange or letter of permission from a university abroad or from elsewhere in Canada.

Exchange and Visiting Students in 2004-05

	Male	Female	Institution	Total
Students Away on Exchange	2	5	Australian National University (1) Edinburgh (3) Otago, New Zealand (3)	7
Students Studying Abroad	0	0		0
Exchange Students Visiting	0	0		0
Students Completing Courses on LOP Away	0	1	University of Toronto	1
LOP Students Visiting Queen's	1	0	University of New South Wales	1
Herstmonceaux Castle	1	0		1

BPHE Program Highlights

Key Undergraduate Curriculum Revisions

In the past curriculum cycle, the focus of the School was on the introduction of a major concentration in Health Studies. (Please see the Health Studies section of this report for details.) Several new HLTH courses will be introduced as this program is 'rolled out' over the next three years. As per usual, HLTH courses may be offered as concentration options towards the BPHE degree. However, with the enrolment pressures on HLTH courses that are expected

once the HLTH MAJ is fully implemented, BPHE students will have second priority access to most upper year HLTH courses and limited, if any access to those at the 400 level. The new HLTH courses will be available to students in the concurrent BPHE program in a variety of ways.

- HLTH 101* Social Determinants of Health: has been added to the first year BPHE core
- HLTH 205* Health Promotion and HLTH 252* Research Methods will be available to BPHE students as concentration electives, assuming completion of the appropriate prerequisite(s).
- HLTH 323* Epidemiology and HLTH 405* Health Policy will be available on a limited basis, assuming completion of the prerequisite(s) and space in the course(s).

The 2004 curriculum submission from the School of Physical and Health Education included a number of course revisions to map onto 'rolling out' the new HLTH MAJ. Since students in the major concentration will have access to a limited number of PHED courses as concentration options, prerequisites were revised to allow students in the Health Studies program access to these courses. Other revisions included the usual changes to course titles, calendar descriptions, prerequisites and exclusions. In total, course revisions were submitted for approximately twenty PHED and HLTH courses.

Aside from three new HLTH courses, there were two PHED course additions at the 400 level: PHED 427* Exercise, Nutrition and Metabolism; and PHED 429* Cardiovascular and Respiratory Regulation in Exercise. These represent a renumbering of courses previously designated as 300 level courses - PHED 357* and 359* respectively.

One course was deleted from the concentration options that can be offered for the BPHE program – HLTH 233* Introduction to Human Sexuality – due to a lack of stable staffing for this course. One additional course was removed from the BPHE concentration option list on the basis of the Faculty 'five year rule', that is, courses that have not been offered for at least five years are automatically deleted from the calendar. This course was PHED 457* Physiology of Exercise Training.

New Orientation Week Model

In September 2004, the School introduced a new Orientation model for students entering the concurrent BPHE program. Faculty Orientation days run from the Wednesday to Saturday of Orientation Week and typically are held on campus. Working in cooperation with the upper year students, a new PHE Orientation model was implemented to greet the incoming class of PHE '08. Students spent two of the faculty Orientation days off campus at Camp Oconto in Sharbot Lake. Camp Oconto, which also serves as the host site for our PHED 338* Outdoor Education program, provided a venue where the first year students could be welcomed into the School of Physical and Health Education away from the hustle and bustle of campus. The SPHE Undergraduate Coordinator and the Outdoor Education instructor served as the on-site supervisory staff at Camp Oconto during these two days. Aside from supervision and administrative responsibilities, they were also responsible for delivering various aspects of the Orientation program, conducting leader training with the PHE Orientation Executive, and acting as the liaison between the PHE group and Camp Oconto.

One of the strengths of this new program is the opportunity to engage fourth year students in the PHE Orientation program. Thirteen fourth year students were selected to serve in a quasi

camp staff capacity. This provided the second year leaders with an available support network and introduced the first year students to a group of upper year students with advice and experiences to share. The first year class was still at Camp Oconto when the third year students returned from their PHED 338 canoe trips, thereby exposing them to yet another group of Phys Ed students and to a unique educational opportunity that they might want to consider in their third year.

Despite inclement weather that forced a significant alteration to the program, the students participated in a variety of events, including some of the academic-based events that are mainstays in the PHE Orientation program.

- Proffee Talk was held at Camp Oconto with full support of the Director. Approximately ten faculty members traveled to Camp Oconto to participate in Proffee Talk and share the company of the first year students over lunch.
- Academic Hour, hosted by the Undergraduate Coordinator, was held at camp. The event included a panel of upper (i.e. second and fourth) year students representing various Arts and Science concentrations.
- A small-scale Information Fair promoting campus services and activities (e.g. Career Services, International Programs, Athletics and Recreation programs, employment opportunities, etc.) was held on Thursday afternoon.

Feedback from the students was very favourable. The Camp Oconto Orientation program was highly successful at 'connecting' the first year class, introducing them to the concurrent BPHE program, and easing them into university life in a relaxed and informal setting. Of particular note were the intangible benefits that the informal environment of camp (not to mention spending 48 hours together) provided for interaction between students in all years of the program and staff members from the School. Sharing ideas and experiences, answering questions, allaying fears, and informal academic counseling were some of the extra benefits that are harder to measure but definitely contributed to the overall success of the experience for everyone. Planning for the 2005 Orientation program at Camp Oconto is well underway at this time.

Horizons Conference

The second annual *Horizons* Conference, a career-related conference for students in Physical Education and Health Studies, was hosted in November 2004. The theme, *Dare to Discover the Road Less Traveled*, provided the focus for sessions, workshops and keynote addresses that would allow students to examine the endless opportunities in the field of Physical and Health Education. This initiative, hosted by the School of Physical and Health Education and the Physical Education Student Association in cooperation with Career Services, provides students with an excellent professional opportunity right at their doorstep.

THANK Q Program

In April 2004 the graduating class of PHE '04 pledged funds for the *Horizons* Conference through the annual *THANK Q* Program.

Undergraduate Achievements, Awards and Scholarships

Graduating Class of 2004

Physical and Health Education

BA-BPHE Degree	21 students
BSC-BPHE Degree	39 students
BPHE Degree	11 students
BSCH-BPHE Degree	1 student
BAH-BPHE Degree	1 student
BPHE with Distinction	26 students

Twenty-six students were awarded their BPHE degree with distinction (that is, achieving a minimum cumulative BPHE average of 80%). Kelly Van Diepen was awarded the Medal in Physical and Health Education as the top student in the subject area.

Dean's Honour Lists

In June of each year, students are named to the Dean's Honour List and the Dean's Honour List with Distinction based on their academic performance in the previous academic cycle. In 2003-04, 353 students in the concurrent BPHE program were eligible for consideration. The total number of students placed on the Dean's Honour List and Dean's Honour List with Distinction in June 2004 was 103 students, representing 29% of the students eligible for consideration.

Dean's Honour List with Distinction

The Dean's Honour List with Distinction represents students in the top three per cent in the program. Eight BPHE students, two per year, were placed on the Dean's Honour List with Distinction in June 2004.

Dean's Honour List

The Dean's Honour List includes all students who have achieved 80% or better in the academic year on all courses completed. Ninety-five students in the concurrent BPHE program were placed on the Dean's Honour List in June 2004.

First year	22 of 89 students
Second year	12 of 84 students
Third year	22 of 92 students
Fourth year	39 of 88 students

Major Undergraduate Awards

Each year the School is responsible for presenting several major awards to undergraduate students for significant contributions to extra-curricular activities and a solid academic standing. These awards are separate from the academic-based awards that are presented at the end of the academic cycle. These awards have a peer nomination process and an in-house selection committee with student representation. In March 2004, the School introduced a new method of presenting these undergraduate awards. Instead of presenting the awards at the year-end Phys Ed Formal, a new, stand-alone event – the School of PHE Awards Reception – was held.

The purpose of introducing a School of PHE Awards Reception was threefold:

- to elevate the significance of these major awards by removing them from the Formal where the presentation of awards was just one of several events on the evening agenda and mainly fourth year students were in attendance
- to make students more aware of the accomplishments of their peers
- to broaden the scope of accomplishments being recognized

In late March, the inaugural School of PHE Awards Reception was held at the University Club. The event included an informal reception followed by a short (approximately 45 minutes) awards presentation ceremony. Invitations were sent to all major award nominees, students on the Dean's Honour Lists, members of the incoming and outgoing PHESA executive, and all teaching staff in the School of PHE. The awards ceremony included recognition of students on the Dean's Honour Lists and presentation of the major PHE Awards, the Teaching Awards and the PHESA Awards of Merit. In addition, the PHESA Co-Presidents had an opportunity to formally thank the outgoing PHESA executive and introduce the incoming PHESA co-Presidents. Approximately 80 individuals attended this first event.

All other major awards are presented in accordance with the usual University procedure at the completion of the academic cycle. The following table includes the 2004 recipients of the top School of Physical and Health Education awards.

SPHE Major Award	Recipient
C.A.H.P.E.R.D. Undergraduate Student Award	Simon Jones
C.S.E.P. Medallion	Kristin Giller
Danielle Polk Memorial Award	Lindsay Taggart
Don Krestel Memorial Award	Gina DiRienzo
Fred Lamble Bartlett Award	Jodi May
PHE 50 th Reunion Volunteer Recognition Award – second year	Paige Olmsted
PHE 50 th Reunion Volunteer Recognition Award – third year	Lindsey Thompson
PHE '75 Book Prize (top student entering second year)	Kaitlin MacDonald
Reuben Wells Leonard Scholarship (top student entering third year)	Meredith Stockie
Reuben Wells Leonard Scholarship (top student entering fourth year)	Rachel Williamson
Ron Stewart Physical Education Prize	Adam Douglas
Stephen J. Hobbs Award	Brett Kane
Stewart Langdon Memorial Award (Athletic Therapy)	Lindsey Thompson and Tanya Rank

Undergraduate Teaching Awards

The 2004 undergraduate teaching awards were presented at the School of PHE Awards Reception in March.

- PHESA '88 Excellence in Teaching Award (Theory) was awarded to Geoff Smith.
- PHESA '88 Excellence in Teaching Award (Activities) was awarded to Chris Oliver.

The School is also proud to report that the highest honour given to Queen's professors for their teaching was awarded to Dr. Geoff Smith in 2004. Dr. Smith was presented with the Frank Knox Award for Excellence in Teaching at the Convocation ceremonies in Spring 2004. This award is presented each year by the Alma Mater Society in honour of two instructors who demonstrate an outstanding commitment and dedication to the education of Queen's students.

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 2004, 20 of the 116 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 2004, 4 of the 51 students named to this list at Queen's University were students in the concurrent BPHE program.

HEALTH STUDIES PROGRAM

Degrees Offered:

- 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
- Bachelor of Arts Honours Major in Health Studies – 4 years; 19.0 credits

New 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 would address subject areas that bear on human health in its broadest sense. This program was approved by Senate in May 2004 and students were accepted into the program for the first time in September 2004.

The new 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)

The BAH MAJ HLTH is a 19.0 credit program with 10.0 required credits. Among the 10.0 prescribed credits, students complete 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 medial curriculum is complementary to 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. The revised BA MIN HLTH stipulates 5.0 credits with 1.0 supporting credits.

While the concentration is still interdisciplinary, the new curriculum is largely delivered by the School of Physical and Health Education. All but two of the thirteen core courses (Psychology and Anatomy/Physiology) are offered within the School and most by full-time faculty members. More than half the concentration options are also offered by the School. This provides a more focused curriculum and greater control over course offerings in terms of availability in any given year and access to courses by students in the Health Studies concentration. The table below outlines the recommended sequence of courses for students in each of the major, medial and minor programs in Health Studies. This is followed by a complete listing of the current and proposed courses that are offered in the program.

Corresponding to the introduction of the major concentration in Health Studies, a chapter devoted to Health Studies and separate from Physical and Health Education was added to the Arts and Science Calendar. This should serve to increase the visibility of the concentration amongst Arts and Science students and clearly identify the concentration as distinct from the concurrent Physical and Health Education program.

Recommended Sequence in Health Studies Concentration

BAH MAJ HLTH		BAH MED HLTH		BA MIN HLTH	
<u>YEAR I</u>	Total = 5.0	<u>YEAR I</u>	Total = 5.0	<u>YEAR I</u>	Total = 5.0
HLTH 101*	—	HLTH 101*	—	HLTH 101*	—
HLTH 102*	—	HLTH 102*	—	HLTH 102*	—
PSYC 100	—	PSYC 100 (supporting)	—	PSYC 100 (supporting)	—
+ 3.0 Arts & Science credits		+ 3.0 Arts & Science credits (including courses for other MED concentration)		+ 3.0 Arts & Science credits	
<u>YEAR II</u>	Total = 5.0	<u>YEAR II</u>	Total = 5.0	<u>YEAR II</u>	Total = 5.0
HLTH 205*	—	HLTH 205*	—	ANAT 101*	—
HLTH 252*	—	IDIS 150	—	HLTH 205*	—
IDIS 150	—	PHED 251*	—		
PHED 251*	—				
Select 0.5 options from: BIOL 110*, GPHY 225* or 229*, HLTH 200*, HLTH 237*, NURS 240*, PHIL 157*		Select 0.5 options from: BIOL 110*, GPHY 225* or 229*, HLTH 200*, HLTH 237*, NURS 240*, PHIL 157*		Select 1.0 options including at least 0.5 at the 200 level or above, from: BIOL 110*, GPHY 225* or 229*, HLTH 200*, HLTH 237*, NURS 240*, PHIL 157*	
+ 2.0 Arts & Science credits		+ 2.5 Arts & Science credits		+ 3.0 Arts & Science credit	
<u>YEAR III</u>	Total = 5.0	<u>YEAR III</u>	Total = 5.0	<u>YEAR III</u>	Total = 5.0
HLTH 3XX*	—	HLTH 3XX*	—	HLTH 3XX*	—
HLTH 323*	—	HLTH 331*	—	HLTH 331*	—
HLTH 331*	—			HLTH 333*	—
HLTH 333*	—				
Select 0.5 options from: DEVS 320*, GPHY 339*, HLTH 325*, HLTH 334*, HLTH 3YY*, PHED 335*, PHED 365*, PHIL 301*, PSYC 332*		Select 0.5 options from: HLTH 325* — HLTH 323* —		Select 0.5 options from: HLTH 325*, HLTH 334*, HLTH 3YY*, PHED 335*, PHED 365*, PHIL 301*, PSYC 332*	
+ 2.5 Arts & Science credits		+ 3.5 Arts & Science credits		+ 3.0 Arts & Science credits	
<u>YEAR IV</u>	Total = 4.0	<u>YEAR IV</u>	Total = 4.0	Notes:	
HLTH 405*	—	HLTH 333*	—	<ul style="list-style-type: none"> • Courses designated by letters (e.g. HLTH 3YY*) are proposed courses that will be introduced as expertise becomes available over the next three years. • All core courses in the HLTH program will be introduced and offered by the 2006-07 academic year. • Proposed option courses will be introduced as faculty members join the department and/or as these course offerings are added by other departments (e.g. GPHY 4XX*) 	
HLTH 4YY*	—	HLTH 405*	—		
Select 1.5 options, including 1.0 at the 400 level or above, from: DEVS 320*, GPHY 339*, HLTH 325*, HLTH 334*, HLTH 3YY*, PHED 335*, PHED 365*, PHIL 301*, PSYC 332*, ENSC 420*, GPHY 4XX*, HLTH 4XY*, HLTH 4YX*, HLTH 4XZ*, HLTH 497*, HLTH 456*, or HLTH 491*		Select 1.0 options from: DEVS 320*, GPHY 339*, HLTH 325*, HLTH 334*, HLTH 3YY*, PHED 335*, PHED 365*, PHIL 301*, PSYC 332*			
+ 1.5 Arts & Science credits		+ 2.0 Arts & Science credits			

Core Courses in Health Studies Program

PSYC 100/1.0	Principles of Psychology (Major – required; Medial and Minor – supporting)
ANAT-101*/0.5	Introductory Human Anatomy (Minor only)
HLTH-101*/0.5	Social Determinants of Health
HLTH-102*/0.5	Physical Determinants of Health
IDIS-150/1.0	Introduction to Anatomy and Physiology (Major and Medial only)
HLTH-205*/0.5	Health Promotion
PHED-251*/0.5	Introduction to Statistics (Major and Medial only)
HLTH-252*/0.5	Research Methods in Health Studies (Major only)
HLTH-323*/0.5	Introduction to Epidemiology (Major only)
HLTH-305*/0.5	Health Behaviour Change
HLTH-331*/0.5	Advanced Human Nutrition
HLTH-333*/0.5	Issues in Human Sexuality
HLTH-405*/0.5	Health Policy (Major and Medial only)

Concentration Options

BIOL-110*/0.5	Human Genetics and Evolution
PHIL-157*/0.5	Moral Issues
HLTH-200*/0.5	Physical Fitness and Wellness
GPHY 229*/0.5	Place, Space, Culture and Social Life
HLTH-237*/0.5	Introduction to the Study of Alcohol and Drug Problems
HLTH-239*/0.5	Drug Wars and Cultures in 20th Century North America
NURS-240*/0.5	Women's Health Issues
ECON 243*/0.5	The Economics of Health Care
PHIL-301*/0.5	Biomedical Ethics
DEVS-320*/0.5	AIDS, Power and Poverty
PSYC-332*/0.5	Health Psychology
HLTH-334*/0.5	Race, Gender, Culture and the Study of Health
PHED-335*/0.5	Physical Activity and Aging
GPHY-339*/0.5	Medical Geography
PHED-365*/0.5	Psychology of Physical Activity and Exercise
HLTH-397*/0.5	Special Topics in Health Studies I
HLTH-399*/0.5	Special Topics in Health Studies II
HLTH-3YY*/0.5	Occupational Health
ENSC-420*/0.5	Gender and Environments
HLTH-433*/0.5	Post-Modern Views of STDs
HLTH-456*/0.5	Survey of Research and Literature in Health Studies
HLTH-491*/0.5	Special Project in Health Studies
HLTH-497*/0.5	Special Topics in Health Studies
GPHY-4XX*/0.5	Special Topics in Health Geography
HLTH-4XY*/0.5	The Politics of Human Health
HLTH-4YX*/0.5	Advanced Studies in Epidemiology
HLTH-4XZ*/0.5	Special Topics in Community Health
HLTH-4YY*/0.5	Program Design and Evaluation

Undergraduate Enrolment

For approximately three years, the Health Studies program will be in a period of transition as the new program is gradually introduced and the old program phased out. This year, approximately two thirds of the students completing the Health Studies concentration (excluding first year count) are in the old program. The total number of students in the Health Studies concentration is 234; 84 students are completing the new program and 150 students are completing the old program. In May 2005 approximately forty per cent of the students pursuing the old Health Studies concentration are expected to graduate from the minor and medial program. Over the next two years, the balance of the students in the old program will graduate.

Enrolment Count* in Health Studies in 2004-05

	ANTICIPATED GRAD DATE				
	SPRING/FALL 2005	SPRING 2006	SPRING 2007	SPRING 2008	UNKNOWN
HLTH MIN – OLD	37	34	9	1	9
HLTH MIN – NEW			18	7	9
HLTH MED – OLD	27	24	2		7
HLTH MED – NEW			6	6	
HLTH MAJ			17	19	2

* represents enrolment in years two through four; excludes first year count

Undergraduate Achievements in Health Studies

Graduating Class of 2004

BA MIN Health Studies 20 students
BAH MED Health Studies 28 students
BAH with Distinction 8 students

In the honours BAH MED HLTH program, the Medal in Health Studies and Music was presented to Meghan Daly.

STUDENT ACCOMPLISHMENTS

PHESA Executive 2004-05

Co-Presidents	Jodi May Brett Kane
Commissioner of Finance	Meg Kinlin
Director of External Affairs	Robin Glenney
Director of Internal Affairs	Kate MacKay
Promotions Director	Robin Goody
Social Director	Jessica Armstrong
Merchandise	Amy Lanthier
Senior Activities	Maria-Anna Piorkowska
Junior Activities	Keira Loukes
Senior Academics	Ashley Williams
Junior Academics	Carolyn Prouse
Yearbook Editor	Christine McEwan
Coach's Corner Editor	Peter Vooyo
Senior BEWIC	Julie Davidson
Junior BEWS	Dean Vlahaki
Junior WIC	Hailey Banack
ASUS Representative	Erin Jaggard
4th Year Rep ('05)	Alyson Wendorf
3rd Year Rep ('06)	Meaghan Dodgson
2nd Year Rep ('07)	Meghan Malloy
2nd Year Rep ('07)	Julie Kleberg
1st Year Rep ('08)	Mike Kuziw
1st Year Rep ('08)	Meghan Crouch

Students in the School of Physical and Health Education are highly involved in campus life and within the Kingston community. On the athletic side of things, approximately one third of the students in the BPHE program are members of a varsity team or competitive club. In addition, there is a high level of involvement in intramural sports, recreational clubs and within the instructional program. Many students are also employed within the department in positions related to the delivery of the Athletics and Recreation program as well as Facilities and Services and the Fitness and Lifestyle Centre. Besides athletic pursuits, students in the BPHE program are very active in on-campus organizations and initiatives (such as Queen's Players, Student Constables, Queen's First Aid, etc.) and in numerous community organizations and events (such as Special Olympics, Kaleidoscope, Kingston Seniors Centre, etc.)

The following chart represents some of the key events on the PHESA calendar in 2004 and samples of the volunteer initiatives specifically organized or supported by PHESA.

PHESA EVENTS & INVOLVEMENT ON CAMPUS	PHESA INVOLVEMENT THAT REACHES OUT TO THE COMMUNITY
<ul style="list-style-type: none"> • PHE Orientation Week • Used Book Sale • Wellness Road Show • PHESA Retreat (for PHESA Executive) • Cover Your Crest • Semi-Formal (Christmas) • Formal (Year-end) • Last Day of School Barbeque & Sports Day • Frisbee Golf Tournament • Merchandise Sale • Photo Scavenger Hunt & Slide Show • Open Mic Nights • Horizons Career Conference • Representation on committees – SPHE, AMS, ASUS 	<ul style="list-style-type: none"> • Homecoming Alumni Barbeque • PHE Team in CIBC Run for the Cure • Cardio Cube • Frontenac School Program • Tree of Life (Christmas gifts for Kingston children and youth) • Our Toes are PHE-Roze Winter Clothing Drive • Winter Adapted Games

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 Funding Awards 2004:

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

SUMMARY OF CURRENT RESEARCH

Adams, Mary Louise (Socio-Cultural Studies)

My research program investigates the relationship between bodies, styles of movement, and discourses about gender and sexuality. Gendered styles of movement are important means of differentiating social groups and are tremendously powerful representations of ideology — all the more so because they feel and appear so ‘natural.’ Yet the types of movement considered appropriate for male and female bodies are far from natural; they evolve in particular historical and cultural contexts. In my work I explore how conventions of movement are linked to common sense knowledges about gender, sexuality and sport. How should male and female bodies move? What should they look like? In what contexts should they appear? How do we experience them? The goal of my work is to complicate our understanding of the factors that shape social inequities and to look at the effects of everyday cultural forms like sport and dance on gender and sexual identities. My hope is that challenging taken-for-granted assumptions about gender and sexuality can help to expand our notions of masculinity and femininity and their relationship to male and female bodies. I base my work on the assumption that sport and other forms of movement should open up opportunities for how individuals might chose to live their lives rather than restrict them. My current projects look at the gender history of figure skating and at the history of men’s dancing. I am interested in how the conceptual boundary between sport and art gives different meanings to moving bodies. My book project, Artistic Impressions: Figure Skating, Masculinity and the Limit of Sport draws on historical research to try to make sense of current, limited understandings of figure skating as a sport “for girls and sissies.” This project has led to a number of smaller related on-going projects: a case study of men’s dance as an exploration of the concept of effeminacy; a historical study on the invention of artificial ice and the way ice rinks have contributed to forms of social regulation based on class and gender; a contemporary study of the politics of ice-time and public access to limited municipal recreational resources; a study of gender and race in representations of hockey as Canada’s national sport.

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. I am 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 measure objectively 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 and of 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 can be applied 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.

Janssen, Ian (Physical Activity Epidemiology)

I have a long-standing interest in health-based research, particularly as it pertains to the role of physical inactivity, obesity, and sarcopenia (age-related muscle loss) in contributing to chronic disease. Over the next five years my research program will focus on five principle objectives: 1) to develop and test methods and guidelines for assessing physical fitness level, obesity, and sarcopenia using clinical/epidemiological based approaches; 2) to examine the link between

total and regional fat depots with the risk for diabetes, coronary heart disease, and mortality; 3) to examine the influence of dietary and physical activity habits and perturbations on obesity and sarcopenia in population-based surveys; 4) to determine the magnitude of the obesity and sarcopenia epidemics, particularly as they pertain to population health and health care expenditures; 5) To determine the link between sarcopenia and obesity in the elderly, and to examine the effects of sarcopenia-obesity on health outcomes in this population group.

These objectives will be examined using public access databases such as the Canadian Community Health Surveys, the Canadian National Longitudinal Study on Children and Youth, the U.S. National Health and Nutrition Examination Surveys, the Framingham Heart Study, and the Cardiovascular Health Study. Databases such as the WHO Health Behaviour in School-Aged Children Survey, the Aerobics Center Longitudinal Study, and Bogalusa Heart Study will also be used in collaboration with partners across Canada, the United States, and Europe.

Katzmarzyk, Peter (Physical Activity Epidemiology)

The mission of the Physical Activity Epidemiology Laboratory at Queen's University is to improve the health of Canadians through research, increasing public awareness, and advocacy around issues related to physical activity, physical fitness, and obesity. The focus of my research program over the next five years is on identifying independent risk factors for obesity, coronary artery disease and type 2 diabetes, with a special emphasis on the role of physical activity and physical fitness. Our research program currently involves 1) conducting empirical research on the effects of physical activity, fitness, and obesity on morbidity and mortality, and 2) the surveillance of population trends in physical activity, physical fitness, obesity, and other chronic disease risk factors, and quantifying their impact on population health and the health care system.

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

My current research explores the cultural history of breast cancer in the United States, from 1970 to the present. In a book-length manuscript (currently under review), *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 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. My interest in the ways in which corporate marketing strategies, government policies, and the agendas of large nonprofits serve to mutually reinforce one another in the social production of breast cancer is reflected in my second major area of research at the present time: relations between commercial sporting institutions and the state in the post-September 11, 2001 era. This project, which grew out of a series of articles on the National Football League's use of both breast cancer and militarism to promote their products has grown into a second book-length endeavor in which I trace the history of relations between sports culture and militarization in the United States.

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.

Power, Elaine (Socio-Cultural Studies)

My research is focused on issues related to poverty, food, and health. Drawing on literature from the sociology of food, the sociology of health, the sociology of consumption, the sociology of childhood, and cultural studies, and using qualitative research methods, I explore social, cultural, political and symbolic aspects of food, eating, the body, and health. I am also interested in expanding the repertoire of qualitative research methods in the sociology of food, particularly the use of visual methods, such as photography and video. Current and forthcoming projects include: *Understanding the Influences on Children’s Eating Practices from the Perspectives of Children Themselves*; the development of a critical sociology of obesity; and an examination of Canadian school-based nutrition programs as a “post-welfare”, neo-liberal form of social policy.

Ross, Bob (Physiology of Exercise)

Over the next five years our research program will focus on several objectives. The initial objective is twofold. First, we hope to determine the mechanisms (processes) that explain the age-related deterioration in functional capacity and insulin resistance. Second, we hope 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/Cultural 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 book projects, one 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 injured workers 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. (PI)
SSHRC	Standard Research Grant	\$35,000	1999-2004	Adams, M.L. (PI)
CIHR	Perceived Function in People with Knee Osteoarthritis	\$105,000	2002-2005	Costigan, P.A.
SSHRC	Physical activity stereotypes and aging	\$91,000	2004-2007	Baker, J. (PI), Côté, J. (Co-In), Deakin, J.M. (Co-In)
Hockey Canada Research Program	A multidisciplinary approach to measuring the effects of introducing bodychecking at the atom level	\$64,601	2003-2004	Côté, J. (PI)
SSHRC	A Lifespan Perspective on Sport Performance and Commitment	\$91,344	2002-2005	Côté, J. (PI), Deakin, J.M. (Co-In)
CIHR	Risk Behaviour and Injury Study in Canadian Youth	\$393,356	2004-2009	Janssen, I. (Co-In), Pickett, W. (Co-PI), Boyce, W.F. (Co-PI)
CIHI	Canadian Adolescent at Risk Research Network	\$498,568	2000-2005	Janssen, I. (Co-In), Boyce, W.F. (PI)
SSHRC	Neighbourhood and Individual-level Determinants of Inequities In Physical Activity and Health	\$621,997	2001-2004	Katzmarzyk, P.T. (Co-In)
Heart and Stroke Foundation	Obesity, Gender and Future Coronary Heart Disease Risk in Canada	\$75,000	2002-2005	Katzmarzyk, P.T. (PI), Ross, R. (Co-In)
CIHR	Understanding the Individual and Socio-Environmental Health Risks of Obesity: The Canadian Heart Health Surveys Follow-Up Study	\$1,500,000	2004-2009	Katzmarzyk, P.T. (PI)
Principal's Development Fund, Category B	Pink Ribbons Inc: Breast Cancer Culture and the Politics of Philanthropy	\$4,120	2004	King, S.J. (PI)

CIHR	Community and Individual Resilience for Positive Health in Indigenous Populations at Risk for Diabetes and Cardiovascular Disease: Challenging Environmental and Macrosocial Diversity	\$45,000	2004	Lévesque, L. (Co-In)
CIHR	Collaboration to Reduce Disparities in Chronic Diseases	\$45,000	2004	Lévesque, L. (Co-In)
CIHR	Kahnawake Centre for Research and Training in Diabetes Prevention (KCRTDP)	\$2,559,232	2001-2006	Lévesque, L. (Co-In)
CIHR	Diabetes in the Aboriginal Population: Defining, Understanding and Controlling and Emerging Epidemic	\$2,531,685	2001-2006	Lévesque, L. (Co-In)
Toronto East General Hospital Foundation	Diabetes is a Community Disease	\$30,000	2004-2006	Power, E.M. (Co-In)
CIHR (New Emerging Team Grant)	(PROACTIVE)	\$1,500,000	2003-2008	Ross, R. (PI) Katzmarzyk, P.T. (Co-In), Lévesque, L. (Co-In)
Tanita Corporation	Reducing obesity.....elderly	\$50,000	2004-2005	Ross, R. (PI)
Mars Corporation	Reducing obesity.....elderly	\$15,000	2004-2005	Ross, R. (PI)
CIHR - Team Grant	The RoadMAPModel: Facilitating.....	\$10,000	2004	Ross, R. (PI)
Hoffman La Roche	Reducing Obesity...Elderly	\$400,000	2002-2007	Ross, R. (PI)
Heart and Stroke Foundation	Obesity Reduction	\$75,000	2002-2005	Ross, R. (Co-In)
CIHR	Reducing Obesity ... elderly	\$675,000	2002-2007	Ross, R. (PI)
Premiere's Research Excellence Award (PREA)		\$100,000	1999-2004	Ross, R. (PI)
Premiere's Research Excellence Award (PREA)		\$50,000 (US)	1999-2004	Ross, R. (PI)
CIHR	Proof of Principle of a Personal Lift Augmentation Device	\$100,000	2004-2005	Stevenson, J.M., (PI) Bryant, J.T.

PWGSC	Enhancement to Signal Processing and Neck Modeling Capabilities	\$100,000	2004-2005	Morin, E.L., (Co-In) Stevenson, J.M. (Co-In), Bryant, J.T. (Co-In)
NSERC	Summer Studentship	\$8,000	2004	Stevenson, J.M. (PI)
Battelle Institute	Testing of the U.S. Marines ILBE Load Carriage System	\$26,600 (US)	2004	Stevenson, J.M. (PI), Reid, S. (Co-In), Bryant, J.T. (Co-In), Morin, E.L. (Co-In)
PWGSC	Development of the Dynamic Biomechanical Model using a Portable Measurement System	\$117,000	2003-2004	Stevenson, J.M. (PI), Morin, EL (Co-In), Bryant, J.T. (Co-In)
Ontario Chiropractic Association	Guidelines for Pack Design and Use for Children: A Multidisciplinary Approach	\$30,000	2003-2005	Stevenson, J.M. (PI)
PWGSC	Development of Dynamic Biomechanical Model of Human Load Carriage: Phase 6	\$80,000	2003-2004	Stevenson, J.M. (PI), Bryant, J.T. (Co-In), Morin, E.L. (Co-In)
WSIB	Preventing Chronic Disability: A Sub-acute Cognitive-Behavioural Disability management Program for Occupational Injury to the Lower Back	\$191,400	2002-2004	Stevenson, J.M., (Co-In)
WSIB	Evaluation of Whole Body Vibration Seat Mechanics and Sitting Posture in Large Mobile Equipment	\$246,324	2002-2004	Eger, T. (Co-In), Stevenson, J.M., (Co-In)
NSERC Operating Grant	Biomechanical and statistical strategies to study technique and strength attributes that affect lifting performance	\$ 145,000	2001-2006	Stevenson, J.M., (PI)
NSERC Operating Grant	The Venous Circulation: Regulatory Mechanisms and Functional Impact in Humans	\$153,600	2002-2005	Tschakovsky, M.E. (PI)
Ontario Thoracic Society	Limb Oxygen Delivery Adaptation to Exercise in COPD	\$34,900	2003-2004	Tschakovsky, M.E. (PI)
Ontario Thoracic Society	Effects of Oral Contraceptives on Acid-Base Regulation and Respiratory Chemoreflex Sensitivity	\$8,000	2004-2005	Wolfe, L.A., (PI) Davies, G.A.L. (Co-In)

Ontario Thoracic Society	Effects of Menopause on Acid-Base Regulation and Respiratory Chemoreflex Sensitivity	\$29,335	2004-2005	Wolfe, L.A., (PI) Davies, G.A.L. (Co-In)
Ontario Thoracic Society	Respiratory Limitation to Exercise Tolerance in Late Gestation: Fact or Fiction? (Operating Grant)	\$28,455	2002-2004	Wolfe, L.A. (PI), O'Donnell, D.E. (Co-In), Davies, G.A.L. (Co-In)
Physician's Services Inc. Foundation	Value of Prenatal Exercise to Prevent Preeclampsia	\$58,000	2003-2005	Davies, G.A.L. (PI), Wolfe, L.A. (Co-In)
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. (PI), Davies G.A.L. (Co-In)
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. (PI)
Ontario Thoracic Society	Phasic Menstrual Cycle Effects on Acid-Base Regulation and Chemoreflex Sensitivity	\$19,255	2003-2004	Wolfe, L.A. (PI), Davies, G.A.L. (Co-In)
Spear Foundation For Pulmonary Research	Phasic Menstrual Cycle Effects on Acid-Base Regulation and Chemoreflex Sensitivity (Equipment Grant)	\$13,295	2003-2004	Wolfe, L.A. (PI), Davies, G.A.L. (Co-In)

Graduate Students – Status in Program

Degree – MA

Name	Supervisor(s)	Year Started	Degree Completed
Allain, Kristi	Cantelon, H	2001	Jan 2004
Chartier-Verpaelst, Yannick	Côté, J.	2004	
Doxsee, Elizabeth	Lévesque, L.	2004	
Foran, Amanda	King, S.	2003	
Kirby, Allison	Lévesque, L	2003	May 2005
Korell, David	Côté, J	2003	
MacDonald, Dany	Côté, J	2003	
Mochinski, Tiffany	Adams, M.L.	2004	
Scott, Jennifer	Smith, G.	2003	
Wall, Michael	Côté, J	2001	May 2004
Warner, Anne	Adams, M.L.	2003	Mar 2005

Degree – MSc

Name	Supervisor(s)	Year Started	Degree Completed
Brackley, Heather	Stevenson, J	2002	Aug 2004
Cross, Giselle	Costigan, P	2002	Jan 2005
Hartnett, John	Tschakovsky, M.	2004	
Janiszewski, Peter	Ross, R.	2004	
Jolliffe, Courtney	Jensen, I.	2004	
Kilpatrick, Katherine (PT)	Ross, R	2000	
Lotz, Christy	Stevenson, J.	2004	
Mason, Caitlin	Katzmarzyk, P	2003	Mar 2005
McMillan, Kathleen	Ross, R.	2004	
Murphy, Carol	Stevenson, J	2003	
Nettlefold, Lindsay	Wolfe, L	2003	
Preston, Megan	Wolfe, L.	2004	
Reid, Samantha	Stevenson, J	2003	
Rogers, Anna	Tschakovsky, M.E.	2002	Aug 2004
Saunders, Natasha	Tschakovsky, M.E.	2002	Feb 2004
Slatkovska, Lubomira	Wolfe, LA	2002	Jan 2005
Watts, Meghan	Ross, R	2002	Sep 2004
Wilkes, Scott	Côté/Deakin	2004	
Wiltshire, Victoria	Tschakovsky, M	2003 (PT)	
Wirch, Jennifer	Wolfe, LA	2002	Sep 2004

Degree - PhD

Name	Supervisor(s)	Yr Started	Degree Completed
Abdoli, Mohammed	Stevenson, J	2001	
Agnew, Michael	Stevenson, J	2003	
Ardern, Christopher	Katzmarzyk, P	2002	
Davidson, Lance	Ross, R	2002	
Eger, Tammy	Stevenson, J	2002 (PT)	
Fraser-Thomas, Jessica	Côté, J / Deakin, J	2002	
Godwin, Alison	Stevenson, J.	2004	
Horton, Sean	Deakin, J	2003	
Jensen, Dennis	Wolfe, L	2003	
Kuk, Jennifer	Ross, R	2003	
Lee, So Jung	Ross, R	2001	Dec 2004
Lynn, Scott	Costigan, P	2002	
MacNeil, Steven K	Costigan, P	1998 (PT)	
Pyke, Kyra	Tschakovsky, M	2003	
Robertson-Wilson, Jennifer	Deakin, J / Lévesque, L	2002	
Strachan, Leisha	Côté, J.	2004	
Weissgerber, Tracey	Wolfe, L	2003	
Wicke, Jason	Costigan, P	2001	

Graduate Students Theses (past five years)

Name	Degree Granted	Year	Thesis/Dissertation Topic	Post-Degree
Allain, Kristi Cantelon	MA	2004	In Other Words: An Examination into the Experiences of Non-North Americans in the Canadian Hockey League	Studying for PhD, Department of Sociology, Trent University, Peterborough ON
Brackley, Heather Stevenson	MSc	2004	The Effect of Load Placement on Posture and Spinal Curvature in Prepubescent Children	Sessional Adjunct, School of Physical and Health Education, Queen's University
Rogers, Anna Tschakovsky	MSc	2004	Evidence for Rapid Vasoregulatory Mechanism in Oscillations in Forearm Contraction Intensity	Pursing degree in Physiotherapy, University of Alberta, Edmonton, AB
Saunders, Natasha Tschakovsky	MSc	2004	Evidence for Rapid Vasodilation in Transition From Mild to Moderate Exercise Intensity	Pursuing MD, University of Toronto, Toronto ON
Wall, Michael Côté	MA	2004	The Influence of Early Sport Participation and Parental Involvement on Sport Investment Decisions	Research Associate, University of Alberta, Edmonton, AB
Watts, Meghan Ross	MSc	2004	The Independent Influence of Central and Ectopic Fat Deposition on Insulin Resistance in Overweight and Obese Men	Studying Chiropractic Medicine in Toronto ON
Weissgerber, Tracey Wolfe	MSc	2004	Maternal Physiological Adaptations During Early Human Pregnancy	Pursuing PhD, School of Physical and Health Education, Queen's University
Wirch, Jennifer Wolfe	MSc	2004	Development of a Cold Pressor Test Protocol to Evaluate Cardiac Autonomic Function in Humans	TBA
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	Chiropractic College, Toronto ON
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 adjust 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	Faculty member, School of Physical and Health Education, Queen'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, University of Western Ontario
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 & Lipoprotein 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 16	Dr. William Pickett, Department of Community Health and Epidemiology Queen's University	Overt Risk-Taking Behaviour Among Youth, and its Association with Injury-Related Health Outcomes.
Jan 23	Dr. John Freeman, Faculty of Education Queen's University	The Relationship Between School and Emotional Health: A Cross National Comparison
Jan 30	Dr. Gamal Abdel-Shehid, Dept of Physical Education, University of Alberta	Diaspora: Black Masculinities and Sporting Cultures
Feb 27	Dr. Randy Flanagan, Department of Psychology, Queen's University	Prediction and Control in Skilled Action
Mar 12	Dr. Ian Ritchie, Brock University	Shifting Social and Political Dynamics of the Televisual Olympics
Mar 19	Ms. Heather Brackley, MSc., School of Physical and Health Education, Queen's University	The Effect of Load Placement on Posture and Spinal Curvature in Prepubescent Children
Apr 2	Dr. Geoff Smith, School of Physical and Health Education, Queen's University	Where We've Been and (God Knows) Where We're Going: Sport in the Next 100 Years
Sep 24	Dr. Samantha King, School of Physical and Health Education, Queen's University	War Games: The Culture of Sport and the Militarization of Everyday Life
Oct 1	Dr. Ian Janssen, School of Physical and Health Education, Queen's University	Adolescent Obesity; Weighing the Problem
Oct 22	Ms. Alison Godwin, PhD Candidate, School of Physical and Health Education, Queen's University	Dynamic Systems Theory: A Framework to Explain Doping Among Elite Athletes
Oct 29	Mr. Chris Arden and Ms. Jennifer Kuk, PhD Candidates, School of Physical and Health Education, Queen's University	Fitness versus Fatness: Current Evidence and Opinion
Nov 5	Dr. Cliff Mallett (visiting scholar from Australia)	Self-Determination Theory (motivation): Theory, Research and Coaching
Nov 12	Dr. Gregory Davies, Department of Obstetrics and Gynaecology, Queens/KGH	The Clinical Application of Physiologic Studies of Exercise in Pregnancy
Nov 19	Dr. Nikolaus Troje, Department of Psychology, Queen's University	Perceiving Biological Motion; Retrieving Scientific Information from Human Locomotion Patterns
Nov 26	Dr. Joan M. Eakin, Department of Public Health Sciences, University of Toronto	Qualitative Research in Health
Dec 3	Dr. Robert Malina, Tarleton State University, Texas	Health, Fitness and Behavioral Outcomes Associated with Regular Physical Activity in Childhood and Adolescence

Faculty Honours and Awards Related to Teaching

Ross, R. Nominated for Frank Knox Teaching Award (2004)

Smith, G. Winner, Frank Knox Award of Excellence in Teaching Winter 2004 and Nominated in Fall 2003.

Smith, G. Winner, SPHE Class of '88 Award for Excellence in Teaching, 2004.

PUBLICATIONS AND PRESENTATIONS (2004)

• **Articles in Peer Reviewed Publications**

1. Kirkwood, R.N., Culham, E.G., **Costigan, P.A.** 2004, Radiographic and non-invasive determination of the hip joint center location: Effect on hip joint angles: *Revista Brasileira de Fisioterapia*, v. 8, p. 1-10.
2. Noce-Kirkwood, R., Culham, E.G., **Costigan, P.A.** 2004, Reliability and validity of kinematic and kinetic measures at the hip during level walking: *Brazilian Journal of Biomechanics*, v. 4, p. 5-13.
3. Algamdi, M.A., Olney, S.J., **Costigan, P.A.** 2004, Exercise Treatment for OA Disability: Review article: *Annals of Saudi Medicine*, v 24(5), p. 326-331.
4. **Côté, J.**, Fraser-Thomas, J., Robertson-Wilson, J., & Soberlak, P. (2004). L'utilisation d'entretiens pour quantifier l'implication des parents dans le développement de compétences sportives chez les athlètes. *Revue Internationale des Sciences du sport et de l'Education Physique*, 25, 39-52.
5. **Côté, J.** 2004. A cost-benefit analysis of early specialization. In V. Klisouras, S. Kellis, & I. Mouratidis (Eds.). *Proceedings of the 2004 Pre-Olympic Congress: Sport Science through the Ages* (Vol 1), (p.111). Aristotle University of Thessaloniki, Greece.
6. Baumgartner, R.N., Wayne, S.J., Waters, D.L., **Janssen, I.**, Gallagher, D., Morley, J.E. Sarcopenic-obesity predicts the onset of disability in the elderly. *Obes Res.* 2004;12:1995-2004.
7. **Janssen, I.**, Shepard, D.S., **Katzmarzyk, P.T.**, Roubenoff, R. The healthcare costs of sarcopenia in the United States. *J Am Geriatr Soc.* 2004;52:80-85.
8. **Janssen, I.**, Baumgartner, R.N., **Ross, R.**, Rosenberg, I.H., Roubenoff, R. Skeletal muscle cutpoints associated with elevated physical disability risk in older men and women. *Am J Epidemiol.* 2004;159:413-421.
9. **Janssen, I.**, **Katzmarzyk, P.T.**, **Ross, R.** Waist circumference and not body mass index explains obesity-related health risk. *Am J Clin Nutr.* 2004;79:379-384.
10. **Janssen, I.**, **Katzmarzyk, P.T.**, **Ross, R.**, Leon, A.S., Skinner, J.S., Rao, D.C., Wilmore, J.H., Rankinen, T., Bouchard, C. Cardiorespiratory fitness level alters the associations between body mass index and waist circumference with total and abdominal fat: The HERITAGE Family Study. *Obes Res.* 2004;12:525-537.

11. **Janssen, I.**, Craig, W.M., Boyce, W.F., Pickett, W. Associations between overweight and obesity with bullying behaviors in school-aged children. *Pediatrics*. 2004;113:1187-1194.
12. **Ross, R., Janssen, I.**, Dawson, J., Kungl, A.M., Kuk, J., Wong, S., Nguyen-Duy, T.B., Lee, S.J., Kilpatrick, K., Hudson, R. Reduction in obesity in response to exercise with or without weight loss in women: a randomized controlled trial. *Obes Res*. 2004;12:789-798.
13. Ardern, C.I., **Janssen, I., Ross, R., Katzmarzyk, P.T.** Development and cross-validation of waist circumference thresholds for determining increased health risk within normal weight, overweight, and obese body mass index categories. *Obes Res*. 2004;12:1094-1103.
14. Lee, S.J., **Janssen, I., Ross, R.** Inter-individual differences in abdominal subcutaneous and visceral adipose tissue in men: influence of measurement site. *J Appl Physiol*. 2004;97:947-954.
15. St-Onge, M.P., **Janssen, I.**, Heymsfield, S.B. High prevalence of metabolic syndrome in normal weight Americans: new definition of the metabolically obese, normal weight individual. *Diabetes Care*. 2004;27:2222-2228.
16. Ardern, C.T., **Katzmarzyk, P.T., Janssen, I.**, Leon, A.S., Wilmore, J.H., Skinner, J.S., Rao, D.C, Després, J.P., Rankinen, T., Bouchard, C. Race and sex similarities in exercise-induced changes in blood lipids and fatness. *Med Sci Sports Exerc*. 2004;36:1610-1615.
17. **Janssen, I., Katzmarzyk, P.T., Ross, R.** Duration of overweight and metabolic health risk in American men and women. *Ann Epidemiol*, 2004; 14: 585-591.
18. **Janssen, I., Katzmarzyk, P.T.**, Boyce, W.F., King, M.A., Pickett, W. Overweight and obesity in Canadian adolescents and their relationships with dietary habits and physical activity patterns. *J Adolesc Health*. 2004; 35:360-367.
19. **Janssen, I., Katzmarzyk, P.T.**, Boyce, W.F., King, M.A., Pickett, W. The independent influence of physical inactivity and obesity on health and well-being in 6th to 10th grade Canadian youth. *J Physical Activity Health*. 2004; 1:331-343.
20. Lee, S.J., **Janssen, I.**, Heymsfield, S.B., **Ross, R.** Relation between whole body and regional measures of skeletal muscle. *Am J Clin Nutr*. 2004; 80:1215-1221.
21. **Katzmarzyk, P.T.** and Ardern, C.I. Overweight and obesity mortality trends in Canada, 1981-2000. *Canadian Journal of Public Health* 2004;95:16-20.
22. **Katzmarzyk, P.T. and Janssen, I.** The economic costs of physical inactivity and obesity in Canada: An update. *Canadian Journal of Applied Physiology* 2004;29:90-115.
23. **Katzmarzyk, P.T.** and Ardern, C.I. Physical activity levels of Canadian children and youth: Implications for the obesity epidemic. *Canadian Journal of Diabetes* 2004;28:67-78.

24. 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 body mass index. *Medicine and Science in Sports and Exercise* 2004;36:286-291.
25. **Katzmarzyk, P.T.** Waist circumference percentiles for Canadian youth 11-18 years of age. *European Journal of Clinical Nutrition* 2004;58:1011-1015.
26. **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* 2004;164:1092-1097.
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* 2004;1:154-162.
28. **Katzmarzyk, P.T.**, Srinivasan, S.R., Chen, W., Malina, R.M., Bouchard, C., and Berenson, G.S. Body mass index, waist circumference, and clustering of cardiovascular disease risk factors in a biracial sample of children and adolescents. *Pediatrics* 2004;114:e198-e205.
29. **Katzmarzyk, P.T.** Sedentary death syndrome – Where to from here? *Canadian Journal of Applied Physiology* 2004;29:444-446.
30. **King, S.J.** Breast cancer activism and the politics of philanthropy. *International Journal of Qualitative Studies In Education*, 17 (4) 473-492.
31. **Lévesque, L.**, Cargo, M., Salsberg, J. (2004). Development of the Physical Activity Interactive Recall (PAIR) for Aboriginal children. *International Journal of Behavioral Nutrition and Physical Activity*, 1:8.
32. **Power, E.** (2004). Toward understanding in postmodern interview analysis: Interpreting an interviewee's contradictory remarks. *Qualitative Health Research*, 14 (6), 858-865.
33. **Power, E.** (2004). De-centering the text: Exploring the potential for visual methods in the sociology of food. *Journal for the Study of Food and Society* 6(2), 9-20.
34. Kuk, J.L., Nichaman, M., Church, T.S., Blair, S.N., and **Ross, R.** Liver fat is not a marker of metabolic risk in lean premenopausal women. *Metabolism* 53(8):1066-1071 ,2004.
35. McCloy, U., Ryan, M.A., Pencharz, P.B., **Ross, R.**, Cunnane, S.C. A comparison of the metabolism of eighteen carbon ¹³C-unsaturated fatty acids in health humans. (*J Lipid Res* 45:474-485, 2004).
36. Goodpaster, B.H., Stenger, V.A., Boada ,F., McKolanis, T., Davis, D., **Ross, R.**, and Kelley, D.E. Skeletal muscle lipid concentration quantified by MRI. (*Am J Clin Nutr* 79: 748-754, 2004).
37. Zhu, S., Heshka, S., Wang, Z., Shen, W., Allison, D.B., **Ross, R.**, and Heymsfield, S.B. Optimal combination of body mass index and waist circumference for identifying metabolic risk factors. *Obes Res* 12:633-645, 2004.

38. Woodhouse, L.J., Gupta, N., Bhasin, M., Singh, A.B., **Ross, R.**, Phillips, J., and Bhasin, S. Dose-Dependent Effects of Testosterone on Regional Adipose Tissue Distribution in Healthy Young Men. *J Clin Endo Metab* 89(2):718-726, 2004.
39. **Stevenson, J.M.**, Bossi, L., Bryant, J.T., Reid, S.A., Pelot, R.P., Morin, E.L. (2004). A suite of objective biomechanical measurement tools for personal load carriage system assessment. *Ergonomics*, 47(11):1160-1179.
40. **Stevenson, J.M.**, Bryant, J.T., Reid, S.A., Pelot, R.P., Morin, E.L., L.L., Bossi (2004). Development and Assessment of the Canadian personal load carriage system using objective biomechanical measures. *Ergonomics*, 47(12): 1272-1281.
41. Bryant, J.T., **Stevenson, J.M.**, Bossi, L.L., Reid, S.A., Pelot, R.P., & Morin, E.L. (2004). Optimizing Load Carriage Systems, *Ergonomics in Design*, 12(1):12-17.
42. Eger, T., **Stevenson, J.M.** (2004). Estimation of load transfer force to hands during sagittal plane box lifting. *Occupational Ergonomics* 4 (1) 27-39.
43. Brackley H.M., **Stevenson, J.M.** (2004) Are children's backpacks Weight Limits Enough? A critical review of relevant literature *Spine* 4(5):616-24.
44. Reid, S.A., **Stevenson, J.M.**, Whiteside, W. (2004) Biomechanical assessment of lateral stiffness elements in the suspension system of a rucksack. *Ergonomics*, 47(12): 1255-1271.
45. Saunders, N.R., Pyke, K.E., and **Tschakovsky, M.E.**. Dynamic response characteristics of local muscle blood flow regulatory mechanisms in human forearm exercise. *J. Appl. Physiol.* E-pub 10.1152/jappphysiol.01118.2004. (Principal Investigator)
46. Saunders, N.R., Dinunno, F.A., Pyke, K.E., Rogers, A.M., and **Tschakovsky, M.E.** Impact of combined nitric oxide and prostaglandin blockade on rapid vasodilation in a forearm mild-to-moderate exercise transition in humans. *Am. J. Physiol.* (Heart and Circ. Physiol.), 2004. In Press. (Principal Investigator)
47. Saunders, N.R. and **Tschakovsky, M.E.** Evidence for rapid vasodilatory contribution to immediate hyperemia in rest-to-mild and mild-to-moderate forearm exercise transitions in humans. *J.Appl.Physiol.* 97(3): 1143-1151, 2004. In Press. (Principal Investigator).
48. Pyke, K.E., Dwyer, A.M., and **Tschakovsky, M.E.** Impact of controlling shear rate on flow-mediated dilation responses in the brachial artery of humans. *J.Appl. Physiol.* 97(2): 499-508, 2004. (Principal Investigator)
49. **Tschakovsky, M.E.**, Rogers, A.M., Pyke, K.E., 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.* 96(2): 639-644, 2004. (Principal Investigator).
50. **Tschakovsky, M.E.** and Sheriff, D.D. Invited Mini-Review: Immediate exercise hyperemia: contributions of the muscle pump vs. rapid vasodilation. *J.Appl.Physiol.* 97(2):739-47. 2004. (Principal Investigator).

51. Weissgerber, T.L., **Wolfe, L.A.**, and Davies, G.A.L. The role of regular physical activity in preeclampsia prevention. *Medicine and Science in Sports and Exercise* 36: 2024-2031, 2004.
52. Brown, C.A., **Wolfe, L.A.**, Hains, S., Ropchan, G., and Parlow, J. Heart rate variability following coronary artery bypass surgery as a function of recovery time, posture and exercise. *Canadian Journal of Physiology and Pharmacology* 82: 457-464, 2004.

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

1. **Adams, M.L.** Ted Shawn, entry for the *Encyclopedia of Lesbian, Gay, Bisexual, and Transgender History in America*, edited by Marc Stein, vol. 3. New York: Scribner's, 2003, pp. 118-119. [authors were not notified of publication until 2004, so the title did not appear on last year's report]
2. Gilbert, W., Niino, A. Wahl, M.T. Conway, M.M.A., Biletnikoff, F., **Côté, J.** (January 2004 vol 6 no1). Role of experience in coach development. *P.E. links 4U* (<http://www.pelinks4u.org/sections/coaching/coaching.htm>)
3. **Janssen, I., Katzmarzyk, P.T., Ross, R.** Reply to J Bigaard et al. *Am J Clin Nutr.* 2004;80:791-792. (letter to the editor)
4. **King, S.J.** Physical education. *Encyclopedia of Lesbian, Gay, Bisexual and Transgendered History in America*. New York: Charles Scribner's Sons.
5. **King, S.J.** Sports 'r us: Contracts, trademarks and logos. In S. Slaughter and G. Rhoades (Eds.). *Academic Capitalism and the New Economy: Markets, State and Higher Education* (pp. 256-278). Johns Hopkins University.
6. **Smith, G.** Memory, nostalgia, and the hearts of (mostly male) sport fans. *Sociology of Sport Journal*, 21 (June 2004), 230-37.
7. **Smith, G.** Tetsuden Kashima, Judgment Without Trial: Japanese American Imprisonment During World War II , *Pacific Historical Review*, 73 (August 2004), 519-520.
8. 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
9. Reid, S.A., **Stevenson, J.M.**, Shultz, R.K., Bryant, J.T. Morin, E.L. Evaluation of the Abdominal Plate and Lateral Stiffeners with the ILBE and Kelty Packs *Battelle Contract # 185720*, 100 pgs.
10. **Stevenson, J.M.**, Morin, E.L., Reid, S.A., Bryant, J.T. Development of the Dynamic Biomechanical Model by means of The Portable Measurement System DRDC No. *PWGSC W7711-03-7863-01*. 76 pgs.

- **Commissioned Peer-Reviewed Reports**

1. **Power, E.M.** The Determinants of Healthy Eating Among Low-Income Canadians. Scoping Paper. Ottawa, ON: *Office of Nutrition Policy and Promotion, Health Canada*. 2004.
2. **Power, E.M.** Individual and Household Food Insecurity in Canada: Position of Dietitians of Canada. Toronto, ON: *Dietitians of Canada*. 2004.

- **Refereed Conference Papers/Presentations**

1. **Adams, M.L.** The gendering of sport: A history of women's figure skating, *North American Society for the Sociology of Sport*, Tucson, November 2004.
2. Maly, M., **Costigan, P.A.**, Olney, S.J. Knee Kinematics, Knee Kinetics and Hip Kinetics in Medial Compartment Knee OA, *Canadian Society for Biomechanics Conference*, Halifax NS. Aug 2004.
3. Maly, M., **Costigan, P.A.**, Olney, S.J. Perceived and Observed Function in People with Knee Osteoarthritis, *Canadian Physiotherapy Association Congress*, Quebec City QC. May 2004.
4. Alghamdi, M.A., Olney, S., **Costigan, P.A.** Sit-to-Stand analysis in subjects with knee osteoarthritis. *Canadian Society for Biomechanics Conference*. Aug 2004.
5. Lynn, S.K., and **Costigan, P.A.** The Effect of Gait Loads on the Progression of Radiographic Knee Osteoarthritis: A 5-11 year follow-up. *Canadian Society for Biomechanics Conference*, Halifax NS. Aug 2004.
6. **Côté, J.** The building blocks of recreational sport participation and elite performance. *Association of Physical Educators of Québec*. Montréal, Québec. Nov 2004.
7. **Côté, J.** Education through sport participation: A developmental perspective. *European Launch of the European Year of Education through Sport (EYES 2004)*, Dublin, Ireland. Jan 2004.
8. MacDonald, D., **Côté, J.**, Baker, J., & Abernethy, B. Does size matter?...Birthplace effects on achievement of sporting expertise. Paper presented at the meeting of the *Canadian Society for Psychomotor Learning and Sport Psychology*, Saskatoon, Saskatchewan. Oct 2004.
9. Fraser-Thomas, J., **Côté, J.** & **Deakin, J.** Youth sport programs and avenue to foster positive youth development. Paper presented at the meeting of the *Canadian Society for Psychomotor Learning and Sport Psychology*, Saskatoon, Saskatchewan. Oct 2004.
10. Wall, M., & **Côté, J.** The influence of early sport participation on future sport investment or dropout. Paper presented at the meeting of the *Association for the Advancement of Applied Sport Psychology*, Minneapolis, Minnesota. Sep-Oct 2004.

11. Horton, S. J., Baker, J., **Deakin, J., Côté, J.,** & Levy, B. Effects of cultural stereotypes of aging on physical and cognitive performance of seniors. Paper presented at the meeting of the *North American Society for the Psychology of Sport and Physical Activity*, Vancouver, British Columbia, Canada. Jun 2004.
12. MacDonald, D., **Côté, J.,** & Baker, J. Tracing physical activity patterns in master athletes, active, and sedentary seniors. Paper presented at the meeting of the *Eastern Canadian Sport and Exercise Psychology Symposium*, St. Catharines, Ontario, Canada. Mar 2004.
13. Korell, D. & **Côté, J.** Examining the development of Canadian intercollegiate female distance runners: A proposed study. Paper presented at the meeting of the *Eastern Canadian Sport and Exercise Psychology Symposium*, St. Catharines, Ontario, Canada. Mar 2004.
14. Fraser-Thomas, J. & **Côté, J.** Parent behaviors of engaged youth competitive swimmers. Paper presented at the meeting of the *Eastern Canadian Sport and Exercise Psychology Symposium*, St. Catharines, Ontario, Canada. Mar 2004.
15. **Deakin, J.,** Baker, J., & Horton, S. The Struggle for Maintenance: Performance Loss in Elite Golfers Across a 25-Year Period. Paper presented at the 2004 conference for the *North American Society for the Psychology of Sport and Physical Activity*, Vancouver, Canada. Jun 2004.
16. MacMahon, C., Starkes, J.L., Helsen, W.F., **Deakin, J.,** & Cuypers, K. Representative tasks in refereeing as potential training tools: Findings in soccer and basketball. *Third International Sports Science Days, Institut National du Sport et de l'Éducation Physique (INSEP)*, Belgium. 2004.
17. Robertson-Wilson, J., **Deakin, J.** Context or composition? Individual and school environment correlates of youth physical activity involvement. *Fourth Annual Research Day, School of Physical and Health Education*, Queen's University, Kingston, Ontario. Apr 2004.
18. MacMahon, C., Starkes, J.L., Helsen, W.F., **Deakin, J.,** & Cuypers, K. Representative tasks in refereeing as potential training tools: Findings in soccer and basketball. Proceedings of the Third International Sports Science Days, Institut National du Sport et de l'Éducation Physique (INSEP), 99-100. 2004.
19. **Katzmarzyk, P.T.,** Church, T.S., **Janssen, I., Ross, R.,** Blair, S.N. Cardiorespiratory fitness attenuates metabolic associated mortality risk in normal weight, overweight and obese men. *Med Sci Sports Exerc* 2004;36(Supplement 5):S135.
20. **Janssen, I., Katzmarzyk, P.T.,** Church, T.S., Blair, S.N. Predicting cardiovascular disease mortality in men using fitness and other risk factor categories. *Med Sci Sports Exerc* 2004;36(Supplement 5):S135.
21. Ardern, C.I., **Katzmarzyk, P.T., Janssen, I.,** Church, T.S., Blair, S.N. Adult treatment panel III guidelines and cardiovascular disease mortality: impact of cardiorespiratory fitness. *Med Sci Sports Exerc* 2004;36(Supplement 5):S135.

22. Bandini, L., Must, A., **Janssen, I.**, Caprio, S., **Ross, R.**, Dietz, W. Factors related to visceral adipose tissue deposition in adolescent girls. *Obes Res* 2004;12:A128-A129.
23. **Janssen, I.**, **Katzmarzyk, P.T.**, Srinivasan, S., Chen, W., Malina, R., Bouchard, C., Berensen, G. Combined utility of BMI and waist circumference for predicting coronary heart disease risk factors in children and adolescents. *Obese Res* 2004;12:A199.
24. Ardern C.I. and **Katzmarzyk, P.T.** Regional variation in the metabolic syndrome in Canada. *Canadian Journal of Cardiology* 20 (Supplement D): 122D. *Canadian Cardiovascular Congress*, Calgary, AB, October, 2004.
25. **Katzmarzyk P.T.** Physical activity and the metabolic syndrome in Canada. *Canadian Journal of Cardiology* 20 (Supplement D): 94D. *Canadian Cardiovascular Congress*, Calgary, AB, October, 2004.
26. Mason C., Ardern, C.I., and **Katzmarzyk, P.T.** Application of obesity treatment algorithms to the Canadian population. *Canadian Journal of Cardiology* 20 (Supplement D): 119D. *Canadian Cardiovascular Congress*, Calgary, AB, October, 2004.
27. **Katzmarzyk P.T.**, Ardern C.I., Pérez, C., Bryan, S., and Tremblay, M.S. Duration in Canada and risk of obesity among Canadian immigrants. *Obesity Research* 12 (October Supplement): A189. *Annual Meetings of the North American Association for the Study of Obesity*, Las Vegas, November, 2004.
28. Ardern C.I., Pérez, C., **Katzmarzyk, P.T.**, Bryan, S., and Tremblay, M.S. Ethnic differences in overweight and obesity in Canada. *Obesity Research* 12 (October Supplement): A189. *Annual Meetings of the North American Association for the Study of Obesity*, Las Vegas, November, 2004.
29. Mason C., **Katzmarzyk, P.T.**, and Blair, S.N. Recommendations for obesity treatment and risk of mortality in men. *Obesity Research* 12 (October Supplement): A9, *Annual Meetings of the North American Society for the Study of Obesity*, Las Vegas, November, 2004.
30. Eisenmann, J.C., **Katzmarzyk, P.T.**, Pérusse, L., Tremblay, A., Després, J.-P., and Bouchard, C. The interaction of the body mass index and aerobic fitness on CVD risk factors among Adolescents: The Québec Family Study. *Obesity Research* 12 (October Supplement): A150. *Annual Meetings of the North American Society for the Study of Obesity*, Las Vegas, November, 2004.
31. **King, S.J.** Academic capitalism and the new economy. *National Education Association Higher Education Conference*, Seattle, March 2004.
32. **King, S.J.** War games: The culture of sport and the militarization of everyday life. Invited paper presented in *Spotlight Session, Crossroads in Cultural Studies Conference*, University of Illinois at Urbana-Champaign, June 2004.
33. **Lévesque, L.**, Ing, A., Desrosiers, S. & Macaulay, A.C. (2004, Oct). Usefulness of a Previous Day Physical Activity Interactive Recall (PAIR) For Kanien'kehá:ka Children: an Ancillary Study to the Kahnawake Schools Diabetes Prevention Project. *Canadian Diabetes Association*, Québec City, QC.

34. Robertson-Wilson, J., **Lévesque, L.**, Phillips, M. & Duplantie, J. (2004, Oct). The relationship between perceived and objective indicators of neighbourhood-level physical activity cues. *Canadian Diabetes Association*, Québec City, QC.
35. Kirby, A.M., **Lévesque, L.** (2004, June). Participatory rural appraisal of physical activity resources in Moose Factory, Ontario. *Fourth National Graduate Student Gathering of students engaged in Aboriginal health research*, Edmonton, AB.
36. Kirby, A.M., **Lévesque, L.** (2004, April). Assessing the feasibility for in-class use of the Heart Healthy Kids activity kit: a pilot test. *Eastern Canada Sport and Exercise Psychology Symposium*, Brock University, St. Catherines, ON.
37. **Ross, R.** Is lifestyle modification an efficacious treatment strategy for endothelial function and ED? *J Sex Med* 1: (Supplement 1): 3, 2004.
38. Demerath, E., Jianrong, L., **Ross, R.**, Czerwinski, S., and Siervogel, R. Comparison of single versus multiple slice MRI of visceral adipose tissue: effects of sex, race and age. *Obesity Research* 12: A217, 2004.
39. Kuk, J., Lee, S., Heymsfield, S., and **Ross, R.** Relationship between age, gender, waist circumference and abdominal adipose tissue distribution. *Obesity Research* 12: A210, 2004.
40. Lee, S., Kuk, J., Blair, S., Church, T., and **Ross, R.** Cardiorespiratory fitness attenuates metabolic risk independent of abdominal subcutaneous and visceral fat in men. *Obesity Research* 12: A153, 2004.
41. Kilpatrick, K., Kuk, J., Hudson, R., and **Ross, R.** Skeletal muscle mass is not related to glucose tolerance or insulin sensitivity in overweight and obese men and women. *Obesity Research* 12: A138, 2004.
42. Wang, X., Perry, A., Goldberg, R., and **Ross, R.** Abdominal subcutaneous adipose tissue predicts health risk variables in premenopausal women: racial differences. *Obesity Research* 12: A137, 2004.
43. Davidson, L., Kuk, J., and **Ross, R.** Liver volume as a marker of hepatic fat in men. *Obesity Research* 12: A137, 2004.
44. **Ross, R.** Prevention and treatment of abdominal obesity and insulin resistance in elderly men and women. *Journal of Aging and Physical Activity* 12: 247, 2004.
45. Byrne, N., Hills, A., Meerkin, J., **Ross, R.**, Laukkanen, R., and Fogelholm, M. Obesity reduction by physical activity and caloric restriction: standard care versus personalized management. European Congress on Obesity, Prague, 2004.
46. **Stevenson, J.M.**, Morin, E.L., Good, J., Reid, S.A., Bryant, J.T. (2004). Characterization of aerobic capacity and accelerometry while carrying various backpack loads. *CD Proceedings of the Association of Canadian Ergonomists*, Windsor, 4 pages.
47. **Stevenson, J.M.**, Morin, E.L., Reid, S.A., Medina, G. Prediction of metabolic energy cost from upper body accelerations. *CD Proceedings of the Association of Canadian Ergonomists*, Windsor, 4 pages.

48. Morin, E.L., **Stevenson, J.M.**, Reid, S.A., Medina, G. Prediction of metabolic energy cost from upper body accelerations, *Proceedings 28th Can. Med. Biol. Eng. Conf.*, Sept. 2004 6 pages.
49. Abdoli, M.E., Agnew, M.J., **Stevenson J.M.** (2004) CD Proceedings of the Association of Canadian *Ergonomists*, Windsor, 4 pages.
50. Abdoli, M.E., Agnew, M.J., **Stevenson J.M.** (2004) Integration of Electromagnetic Tracking Systems And Virtual Reality Simulation For 3-D Dynamic Analyses of Spinal Loading. Proceedings of the *International Society for 3D Computer Modeling*, Tampa Bay, 6 pages.
51. Abdoli, M.E. and **Stevenson J.M.** (2004) "Is an on-body lift assistive device possible?" Proceedings of the *International Society for Occupational Ergonomics and Safety* Brownville Texas, 4 pages.
52. Bryant, J.T., Reid, S.A., **Stevenson, J.M.**, E. Abdoli, M. Dynamic 3D model of biomechanical factors in load carriage. *Canadian Society for Biomechanics*, Halifax NS 2004.
53. Morin, E.L., **Stevenson, J.M.**, Reid, S.A., Bryant, J.T. The effect of accelerometer placement on energy cost estimates for treadmill walking at different speeds and inclines. *Canadian Society for Biomechanics*, Halifax NS 2004.
54. Brackley, H, **Stevenson, J.M.** The Effect of Load Placement and Fatigue on Spinal Curvature and Posture in Prepubescent Children. *Canadian Society for Biomechanics*, Halifax NS 2004.
55. Murphy, C., Brackley, H., Abdoli, M., **Stevenson, J.M.** Children's workstations: Postural changes during computer games. *Canadian Society for Biomechanics*, Halifax NS 2004.
56. E. Abdoli, M. Agnew, M., **Stevenson, J.M.** Proof of Principle for a Personal Lifting Assist Device. *Canadian Society for Biomechanics*, Halifax NS, 2004.
57. **Tschakovsky, M.E.** Immediate Exercise Hyperemia: Contributions of the Muscle Pump vs. Rapid Vasodilation. Co-Chairs, P.C. Clifford and M.E. Tschakovsky. Evidence for rapid vasodilation. *American College of Sports Medicine Conference*, Indianapolis, Indiana, June 2004.

- **Other Invited Presentations - Invited Speaker / Non-Refereed**

1. **Adams, M.L.** Effeminacy, sport discourse and men's dance, *School of Human Kinetics*, University of Windsor, 3 December 2004.
2. **Adams, M.L.** Women and sport, *Women's Studies*, *Queen's University*, 18 October 2004.
3. **Côté, J.** Mobilizing community infrastructure to promote positive youth development. *Paper presented at the Canadian Physical Activity Symposium*, Toronto, Canada. Nov-Dec 2004.

4. **Côté, J.** Structured leisure time for our youth: Building pathways for personal excellence. Paper presented at the *Québec Provincial Association of Teachers*, Montréal, Canada. Nov 2004.
5. **Côté, J.** A cost-benefit analysis of early sport specialization and early sport diversification. A presentation to the staff of the *Irish Sport Council, the National Coaching and Training Centre, and the Sport Council for Northern Ireland*, Dublin, Ireland. Sep 2004.
6. **Côté, J.** Youth positive development through sport participation. A presentation to the staff of the *Irish Sport Council, the National Coaching and Training Centre, and the Sport Council for Northern Ireland*, Dublin, Ireland. Sep 2004.
7. **Côté, J.** A cost-benefit analysis of early sport specialization. Paper presented at the *2004 Pre-Olympic Congress*, Thessaloniki, Greece. Aug 2004.
8. **Côté, J.** Practice makes perfect...but at what price? Paper presented to the *Department of Psychology, University College of Dublin*, Dublin, Ireland. Apr 2004.
9. **Janssen, I.** Physical Inactivity and Obesity in Canadian Adolescents: Lessons Learned from the 2001/02 HBSC. *CPHI/CAARRN Workshop – Improving the Health of Canada's Youth: From Research to Policy*, Toronto. February 19, 2004.
10. **Janssen, I.** Adolescent Obesity: Weighing the Problem. *Seminar Series, Department of Community Health and Epidemiology, Queen's University*. March 3, 2004.
11. **Janssen, I.** Physical Activity, the Metabolic Syndrome, and Mortality. *American College of Sports Medicine Annual Meeting*. June 4, 2004.
12. **Janssen, I.** Adolescent Obesity: Weighing the Problem. *Graduate Seminar Series, School of Physical and Health Education, Queen's University*. October 1, 2004.
13. **Janssen, I.** The Utility of Body Mass Index and Waist Circumference in the Classification of Obesity-Related Health Risk. *Obesity: A Research Forum, Newfoundland and Labrador Centre for Applied Health Research*, St. John's. October 27, 2004.
14. **Janssen, I.** Childhood Obesity. *Pediatrics Elective, Queen's University Medical School*, Kingston. November 8, 2004.
15. **Janssen, I.** Clinical Assessment and Evaluation of Overweight and Obesity in Adults. *Grand Rounds, Kingston General Hospital*. December 9, 2004.
16. **Katzmarzyk, P.T.** Obesity, gender and cardiovascular disease risk. *Heart and Stroke Foundation of Ontario Annual Research Reception*, Kingston, ON. May 5, 2004.
17. **Katzmarzyk, P.T.** Type 2 diabetes: A prescription for exercise. *Network of Northern Ontario Diabetes Programs*, Muskoka, ON. May 15, 2004.
18. **Katzmarzyk, P.T.** Physical activity in the treatment of the metabolic syndrome. *American College of Sports Medicine Annual Meeting*, Indianapolis, IN. June 1, 2004.

19. **Katzmarzyk, P.T.** The Canadian obesity epidemic: How did we get here? *Healthy Weights Forum*, Sudbury Health Unit, Sudbury ON. June 9, 2004.
20. **Katzmarzyk, P.T.** Physical activity and obesity in childhood: Implications for future health. *North American Society for Pediatric Exercise Medicine*, St. Andrews, New Brunswick. August 12, 2004.
21. **Katzmarzyk, P.T.** Who's fat? Who's fit? *The Politics of Obesity: A Symposium about Science, Policy and Interventions*, Toronto, ON. September 8, 2004.
22. **Katzmarzyk, P.T.** Physical activity, obesity and the metabolic syndrome: A Canadian perspective. *Department of Anatomy and Cell Biology, Queen's University*, Kingston, ON. September 30, 2004.
23. **Katzmarzyk, P.T.** Recent population trends in obesity and diabetes in Canada: Who is at risk? *Canadian Society for Exercise Physiology Annual Meeting*, Saskatoon, SK. October 15, 2004.
24. **Katzmarzyk, P.T.** Obesity in Canada: Recent trends within a historical context. Obesity: A Research Forum, hosted by the *Centre for Applied Health Research Memorial University*, St. John's, Newfoundland. October 27, 2004.
25. **Katzmarzyk, P.T.** Epidemiology of physical inactivity in Canada. *Chronic Disease Prevention Alliance of Canada, Conference*. Ottawa, ON. November 7, 2004.
26. **Katzmarzyk, P.T.** The girth of the nation: Survival of the fittest? *Heart and Stroke Foundation Public Health Forum*. Niagara-on-the-Lake, ON. November 10, 2004.
27. **Katzmarzyk, P.T.** Obesity, fitness and cardiovascular disease. *Kingston Annual Cardiac Sciences Conference*. Kingston, ON. November 12, 2004.
28. **Katzmarzyk, P.T.** Respondent – Physical activity measures. *Active Healthy Kids Canada Symposium*. Toronto, ON. December 1, 2004.
29. **Katzmarzyk, P.T.** Keynote Address: Fitness, fatness and health: What is the clinical message? *Heart and Stroke Foundation of Canada Clinical Update*, Toronto, ON. December 11, 2004.
30. **King, S.J.** The corporatization of breast cancer: Mobilizing dissent. Gender Matters Series, *Faculty of Physical Education and Health/Department of Public Health Sciences*, University of Toronto, December 2004.
31. **King, S.J.** War games: The culture of sport and the militarization of everyday life. *Graduate Seminar Series, School of Physical and Health Education*, Queen's University, October 2004.
32. **King, S.J.** Sport and the politics of gender. *University of Arizona*, Tucson, November 2004.

33. **Lévesque, L.** Grant writing: Panel discussion for the new academic. *Eastern Canada Sport and Exercise Psychology Symposium*, Brock University, St. Catherines, ON. April, 2004.
34. **Lévesque, L.** 2004, April: Promoting physical at the community level. *Eastern Canada Sport and Exercise Psychology Symposium*, Brock University, St. Catherines, ON.
35. Truscott, R. & **Power, E.M.** (2004). Picture it: Eating Practices among 13 and 14 year olds. Presented at the *Ontario Public Health Association Conference*, Toronto, ON, 23-24 November.
36. **Ross, R.** Central and Ectopic Fat Deposition in Obesity and Type 2 Diabetes: Application of Imaging Methods, *University of Texas*, Health Sciences Center, Department of Medicine, Division of Clinical Epidemiology. January 12, 2004.
37. **Ross, R.** Imaging Modalities to Characterize Body Composition in Non-HIV Clinical Conditions, *Clinical Applications of Imaging Technologies in the Management of the HIV Lipodystrophy Syndromes*. Montreal, April 2, 2004.
38. **Ross, R.** Physical Activity as a Strategy for Prevention and Treatment of type 2 Diabetes, *Hoffman-LaRoche Pharmaceutical Speaker Series*. *Diabetes Educators Associations* in the following cities: Toronto, April 22nd, 2004.
39. **Ross, R.** Physical Activity as a Strategy for Prevention and Treatment of type 2 Diabetes, *Hoffman-LaRoche Pharmaceutical Speaker Series*. *Diabetes Educators Association*, Montreal, April 29th, 2004.
40. **Ross, R.** Physical Activity as a Strategy for Prevention and Treatment of type 2 Diabetes, *Hoffman-LaRoche Pharmaceutical Speaker Series*. *Diabetes Educators Association*, Halifax, May 7th, 2004.
41. **Ross, R.** Physical Activity as a Strategy for Prevention and Treatment of type 2 Diabetes, *Hoffman-LaRoche Pharmaceutical Speaker Series*. *Diabetes Educators Association*, Vancouver, May 14th, 2004.
42. **Ross, R.** New Insights into the Characterization and Treatment of Obesity and Related Co-morbid Conditions, *University of Alberta, Department of Public Health*, Grand Rounds, May 17th, 2004.
43. **Ross, R.** Physical Activity as a Strategy for Prevention and Treatment of type 2 Diabetes, *Hoffman-LaRoche Pharmaceutical Speaker Series*. *Diabetes Educators Association*, Edmonton, May 18th, 2004.
44. **Ross, R.** Physical Activity as a Strategy for Prevention and Treatment of type 2 Diabetes, *Hoffman-LaRoche Pharmaceutical Speaker Series*. *Diabetes Educators Association*, in Quebec City, May 28th, 2004.
45. **Ross, R.** Prevention and Treatment of Abdominal Obesity and Insulin Resistance in Elderly Men and Women, *Sixth World Conference on Physical Activity and Aging*, London, Ontario, August 4th, 2004.

46. **Ross, R.** Physical Activity as a Strategy for the Prevention and Treatment of Abdominal Obesity and Related Insulin Resistance, *Continuing Health Education Seminar for Healthcare Professionals*, Cobourg, Ontario, September 8th, 2004.
47. **Ross, R.** Physical Activity as a Strategy for the Treatment of Diabetes, *6th Annual Diabetes Education Day for Health Professionals*, Orillia, Ontario, October 1st, 2004.
48. **Ross, R.** Benefits of Physical Activity on Insulin Resistance in Obese and Type 2 Diabetics, *Canadian Society for Exercise Physiology*, Saskatoon, Saskatchewan, October 15th, 2004.
49. **Ross, R.** Is Lifestyle Modification an Efficacious Treatment Strategy for Endothelial Function and ED?, *11th World Congress of the International Society for Sexual and Impotence Research*, Buenos Aires, Argentina, October 19th, 2004.
50. **Ross, R.** Novel Insights into the Characterization and Treatment of Obesity: A Review of Scientific Literature and its Application to Physical Activity and Weight Loss, *National Fit for Life – Fit For Duty Conference*, Ottawa, Ontario, October 22nd, 2004.
51. **Ross, R.** Obesity Reduction: What is the Role of Physical Activity? Newfoundland and Labrador Center for Applied Health Research, *Obesity: A Research Forum*, St. John's Newfoundland, October 27th, 2004.
52. **Ross, R.** Central and Ectopic Fat Deposition in Obesity: Application of Imaging Methods, *DSM Nutritional Products Ltd*, Basel, Switzerland, November 2nd, 2004.
53. **Ross, R.** Physical Activity as a Strategy for the Prevention and Treatment of Abdominal Obesity and Related Insulin Resistance, *Continuing Health Education Seminar for Healthcare Professionals*, Napanee, Ontario, November 4th, 2004.
54. **Ross, R.** Physical Inactivity and Contribution to Disease in Controlled Intervention Trials, *American Heart Association Annual General Meeting, Cardiovascular Seminars*, New Orleans, Louisiana, November 7th, 2004.
55. **Ross, R.** Waist versus Weight: The Heart of the Matter, *Heart and Stroke Information Series*. Niagara-on-the-Lake, Ontario, November 9th, 2004.
56. **Ross, R.** Impact of Increasing Energy Expenditure on the Quality and Quantity of Adipose and Lean Tissue, *North American Association for the Study of Obesity*, Las Vegas, Nevada, November 17th, 2004.
57. **Ross, R.** Physical Activity as a Strategy for the Prevention and Treatment of Obesity, *Human Mobility Research Center*, Queen's University, November 24th, 2004.
58. **Ross, R.** Physical Activity as a Strategy for the Prevention and Treatment of Abdominal Obesity and Related Insulin Resistance, *Lakeshore Diabetes Education Center*, Port Hope, Ontario, November 24th, 2004.
59. **Ross, R.** Physical Activity as a Strategy for the Prevention and Treatment of Abdominal Obesity and Related Insulin Resistance, *Continuing Health Education Seminar for Healthcare Professionals*, Ottawa, Ontario, November 29th, 2004.

60. **Ross, R.** Fitness, Fatness and Health: What is the Clinical Message? *Heart and Stroke Foundation of Ontario*, Clinical Update, Toronto, Ontario, December 10th, 2004.
61. **Ross, R.** Obesity as a Modifiable Risk Factor, *Heart and Stroke Foundation of Ontario*, Clinical Update, Toronto, Ontario, December 10th, 2004.
62. **Smith, G.** Keynote speaker, The problem(s) with education, political and otherwise, *Queen's Conference on Education*, Faculty of Education, January 31, 2004.
63. **Smith, G.** Where We've Been, and (God Knows) Where We're Going: The Next Century in Sport, *School of Physical and Health Education, Queen's University, Winter Grad/Faculty Colloquium*, April 2, 2004.
64. **Smith, G.** A Breakdown of Democracy: The U.S. Election of 2004," *Studies in National and International Development*, Queen's University, November 4, 2004.
65. **Stevenson, J.M.** Linking Segments: Models of Success. Invited Speaker at *Ergonomics Symposium Canadian Society for Biomechanics*, Halifax NS 2004.
66. **Stevenson, J.M.**, Morin, E.L., Johnston, C.L., **Janssen, I.M.**, Bryant, J.T., Reid, S.A. The effect of load, speed and incline on oxygen consumption during load carriage. *Canadian Society for Biomechanics*, Halifax NS 2004.
67. Bryant, J.T., Reid, S.A., **Stevenson, J.M.**, E. Abdoli, M. Dynamic 3D model of biomechanical factors in load carriage. *Canadian Society for Biomechanics*, Halifax NS 2004.
68. Morin, E.L., **Stevenson, J.M.**, Reid, S.A., Bryant, J.T. The effect of accelerometer placement on energy cost estimates for treadmill walking at different speeds and inclines. *Canadian Society for Biomechanics*, Halifax NS 2004.
69. Brackley, H, **Stevenson, J.M.** The Effect of Load Placement and Fatigue on Spinal Curvature and Posture in Prepubescent Children. *Canadian Society for Biomechanics*, Halifax NS 2004.
70. Murphy, C., Brackley, H., Abdoli, M., **Stevenson, J.M.** Children's workstations: Postural changes during computer games. *Canadian Society for Biomechanics*, Halifax NS 2004.
71. E. Abdoli, M. Agnew, M., **Stevenson, J.M.** Proof of Principle for a Personal Lifting Assist Device. *Canadian Society for Biomechanics*, Halifax NS, 2004.
72. **Torcolacci, M.** Strength Training Principles: *Golden Gaels Seminar Series*, February 2004.
73. **Torcolacci, M.** Throws Clinic: for *Cornwall area high school* coaches, April 2004.
74. **Torcolacci, M.** Strength Training for the Distance Runner: *Running Room Presentation*, September 2004.
75. **Torcolacci, M.** Strength Training Principles: *CAN FIT PRO certification course*, October 2004.

76. **Torcolacci, M.** Olympic Lifting Clinic: *Kingston Body Management*, January 2005.
77. **Tschakovsky, M.E.** Endothelium Dependent “Flow” Mediated Dilation: Understanding Stimulus Response Specificity in Human Conduit Arteries. Invited Speaker. *Noll Physiological Research Center Seminar Series*. Penn State University, State College, Pennsylvania, November 2004.
78. **Tschakovsky, M.E.** Endothelium Dependent “Flow” Mediated Dilation: Stimulus Response Investigations in Humans. Invited Speaker. *Department of Anatomy and Cell Biology Seminar Series*. Queen’s University, Kingston, Ontario, December 2004.
79. **Willis, B.** Training Elite Setters. Elite Coaching Symposium, York University, Ontario, 11 September 2004.
80. **Wolfe, L.A** and Mottola, M.F. Value of Prenatal Exercise to Prevent or Treat Gestational Diabetes and Preeclampsia. Mini-symposium presented at the *Annual Meeting of the American College of Sports Medicine*, Indianapolis, Indiana, June 5th, 2004.
81. **Wolfe, L.A.**, Mottola, M.F., Weissgerber, T.L., and Davies, G.A.L. Value of Prenatal Exercise to Prevent Maternal and Fetal Diseases. Symposium presented at the *Annual Meeting of the Canadian Society for Exercise Physiology*, Saskatoon, Saskatchewan, October 14th, 2004.
82. **Wolfe, L.A.** Value of Prenatal Exercise to Prevent Preeclampsia. *Department of Anatomy and Cell Biology Seminar Series*, Queen’s University, October 28th, 2004.
83. Weissgerber, T.L., **L.A. Wolfe** and Davies, G.A.L. Serial physiological changes in early pregnancy: Time course of changes in maternal respiration and acid-base balance. *James Low Research Day, Department of Obstetrics and Gynaecology*, Queen’s University, March 28th, 2004.
84. Slatkovska, L., **Wolfe, L.A.** and Davies, G.A.L. Phasic menstrual cycle effects on acid-base regulation and respiratory chemoreflex sensitivity. *James Low Research Day, Department of Obstetrics and Gynaecology*, Queen’s University, March 28th, 2004.
85. Jensen, D., **Wolfe, L.A.**, O’Donnell, D.E., Nettlefold, L.A. and Davies, G.A.L. Chemoreflex control of breathing in humans: Differences between men and women. *James Low Research Day, Department of Obstetrics and Gynaecology*, Queen’s University, March 28th, 2004.
86. Glenn, N.M., **Wolfe, L.A.**, and Davies, G.A.L. Prolonged exercise in late gestation: Maternal responses. *James Low Research Day, Department of Obstetrics and Gynaecology*, Queen’s University, March 28th, 2004.
87. Glenn, N.M., **Wolfe, L.A.**, and Davies, G.A.L. Prolonged exercise in late gestation: Fetal responses. *James Low Research Day, Department of Obstetrics and Gynaecology*, Queen’s University, March 28th, 2004.

88. Wirch, J.L., **Wolfe, L.A.**, and Davies, G.A.L. Evaluation of cardiac autonomic function in preeclampsia using the cold pressor test. *Ontario Exercise Physiology Meeting*, January 24th, 2004.
89. Slatkovska, L., and **Wolfe, L.A.** Phasic menstrual cycle effects on acid-base regulation and respiratory chemoreflex sensitivity. *Ontario Exercise Physiology Meeting*, January 24th, 2004.
90. Jensen, D., **Wolfe, L.A.**, Nettlefold, L.A., O'Donnell, D.E., and Davies, G.A.L. Gender does not influence the chemoreflex control of breathing in healthy humans. *Ontario Exercise Physiology Meeting*, January 24th, 2004.
91. Weissgerber, T.L., **Wolfe, L.A.**, and Davies, G.A.L. Pregnancy: Time course of changes in plasma proteins and electrolytes. *Ontario Exercise Physiology Meeting*, January 25th, 2004.

- **Published Abstracts**

1. Weissgerber, T.L., **Wolfe, L.A.** and Davies, G.A.L. Application of Jennings' hypothesis to explain serial changes in the chemical control of ventilation in human pregnancy. *Canadian Journal of Applied Physiology* 29: S93, 2004.
2. Weissgerber, T.L., **Wolfe, L.A.**, and Davies, G.A.L. Application of Stewart's physicochemical approach to explain serial changes in plasma acid-base regulation in human pregnancy. *Canadian Journal of Applied Physiology* 29: S93-S94, 2004.
3. **Wolfe, L.A.**, T.L. Weissgerber and Davies, G.A.L. Serial physiological changes during pregnancy: Time course of changes in heart rate and breathing. *Medicine and Science in Sports and Exercise* 36: S34-S35, 2004.
4. Weissgerber, T.L., **Wolfe, L.A.**, and Davies, G.A.L. Serial physiological changes during pregnancy: Time course of changes in plasma proteins and electrolytes. *Medicine and Science in Sports and Exercise* 36: S34, 2004.
5. Jensen, D., **Wolfe, L.A.**, Nettlefold, L.A., O'Donnell, D.E., and Davies, G.A.L. Reliability of a rebreathing procedure to evaluate respiratory chemoreflex control. *Medicine and Science in Sports and Exercise* 36: S128, 2004.

- **Books & Book Chapter Contributions**

1. **Adams, M.L.** Freezing social relations: Artificial ice and the social history of skating. In *Sites of Sport: Spaces, Place, Experience*, edited by Patricia Vertinsky and John Bales. London: Routledge, 2004. pp. 57-72.
2. **Adams, M.L.** Margin notes: Reading lesbianism as obscenity in a Cold War courtroom. In *Love, Hate and Fear in Canada's Cold War*, edited by Richard Cavell. Toronto: University of Toronto Press, 2004. pp. 135-158.

3. **Katzmarzyk, P.T.** The epidemiology of cardiovascular disease in Canada. In J.A. Stone and H. Arthur (Eds.). *Canadian Association of Cardiac Rehabilitation Guidelines Edition 2: Enhancing the Science, Refining the Art.* pp.16-27, 2004.
4. Stone, J.A., Arthur, H., Drouin, D., Feldman, R., Fodor, G., Friesen, M., Genest, J., Gledhill, N., Harris, S., **Katzmarzyk, P.T.**, Leiter, L., Prior, P., Sharratt, M. Risk factor modification and secondary prevention. In J.A. Stone and H. Arthur (Eds.). *Canadian Association of Cardiac Rehabilitation Guidelines Edition 2: Enhancing the Science, Refining the Art.* pp.115-191, 2004.

- **Reprints**

1. **Adams, M.L.** The Trouble With Normal: Postwar Youth and the Making of Heterosexuality, In *Rethinking Society in the 21st Century: Critical Readings in Sociology*, edited by Michelle Webber and Kate Bezanson Toronto: Canadian Scholars' Press, 2004, pp. 237-246.

- **Other Research Activities**

1. **Côté, J.** Dr. Cliff Mallett from the University of Queensland (Australia) was based in the School of Physical and Health Education as part of his sabbatical and collaborated on various research projects and the writing of articles. Oct - Dec 2004.
2. **Katzmarzyk, P.T.** Ian Janssen (Postdoctoral Fellow 2003-2004) Physical activity, nutrition and obesity in children and adolescents. Queen's University. Funded by Canadian Institutes for Health Research (CIHR), Institute of Aging.
3. **Katzmarzyk, P.T.** Joseph Baker (Postdoctoral Fellow 2003-2004) Physical activity and the lifetime occurrence of injuries in the Canadian Armed Forces. Canadian Forces Personnel Support Agency.
4. **Katzmarzyk, P.T.** Susan Brien (Postdoctoral Fellow 2004-2006). Canadian Heart Health Surveys Research Team. Funded by Canadian Institutes for Health Research (CIHR) and Heart and Stroke Foundation of Canada.
5. **Lévesque, L.** Physical Activity Interactive Recall, Registration No. 1024538, Canadian Intellectual Property Office, Canada. 08 Nov 2004. Software/CD ROM Copyright.

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

- Adams, M.L.** Manuscript Review (2) International Journal of Canadian Studies
Adams, M.L. Manuscript Review (2) Left History
Adams, M.L. Manuscript Review (2) Body and Society
Adams, M.L. Manuscript Review (2) Journal of American History
Adams, M.L. Manuscript Review (2) Sociology of Sport Journal
Costigan, P.A. Manuscript Review (1) Journal of Biomechanics
Costigan, P.A. Manuscript Review (1) Medical & Biological Engineering & Computing
Côté, J. Manuscript Review (7) Journal of Applied Sport Psychology

Côté, J. Manuscript Review (3) The Sport Psychologist
Côte, J. Manuscript Review (3) Physical Education and Sport Pedagogy
Côté, J. Manuscript Review (2) Revue des Sciences et Techniques des Activités Physiques et Sportive
Côté, J. Manuscript Review (2) Journal of Sport and Exercise Psychology
Côté, J. Manuscript Review (1) Journal of Sport Sciences
Deakin, J. Manuscript Review (2) Journal of Sport Sciences
Deakin, J. Manuscript Review (2) Journal of Applied Sport Psychology
Deakin, J. Manuscript Review (1) Journal of Exercise a& Sport Psychology
Deakin, J. Manuscript Review (3) Research Quarterly for Exercise and Sport
Janssen, I. Manuscript Review (3) Canadian Journal of Applied Physiology
Janssen, I. Manuscript Review (1) Journal of the American Medical Association
Janssen, I. Manuscript Review (4) Canadian Medical Association Journal
Janssen, I. Manuscript Review (1) Journal of Physical Activity and Health
Janssen, I. Manuscript Review (3) Obesity Research
Janssen, I. Manuscript Review (2) Pediatrics
Janssen, I. Manuscript Review (1) Annals of Epidemiology
Janssen, I. Manuscript Review (1) American Journal of Epidemiology
Janssen, I. Manuscript Review (1) Medicine and Science in Sports and Exercise
Janssen, I. Manuscript Review (1) International Journal of Sport and Exercise Psychology
Janssen, I. Manuscript Review (1) Circulation
Janssen, I. Manuscript Review (1) Annals of Internal Medicine
Janssen, I. Manuscript Review (1) International Journal of Obesity
Janssen, I. Manuscript Review (1) Journal of the American College of Nutrition
Janssen, I. Manuscript Review (1) Nutrition
Katzmarzyk, P.T. Manuscript Review (1) American of Journal of Epidemiology
Katzmarzyk, P.T. Manuscript Review (1) American Journal of Medicine
Katzmarzyk, P.T. Manuscript Review (1) Canadian Journal of Public Health
Katzmarzyk, P.T. Manuscript Review (4) Canadian Medical Association Journal
Katzmarzyk, P.T. Manuscript Review (1) European Journal of Applied Physiology
Katzmarzyk, P.T. Manuscript Review (1) European Journal of Clinical Nutrition
Katzmarzyk, P.T. Manuscript Review (2) International Journal of Obesity and Related Metabolic Disorders
Katzmarzyk, P.T. Manuscript Review (1) Journal of Adolescence
Katzmarzyk, P.T. Manuscript Review (2) Journal of Physical Activity and Health
Katzmarzyk, P.T. Manuscript Review (2) Medicine and Science in Sports and Exercise
Katzmarzyk, P.T. Manuscript Review (2) Metabolism
Katzmarzyk, P.T. Manuscript Review (2) Pediatric Exercise Science
Katzmarzyk, P.T. Manuscript Review (1) Registered Nurses Association of Ontario
Lévesque, L. Journal Referee (1) Health Promotion Practice
Lévesque, L. Conference Abstract Referee. Society of Behavioural Medicine Annual Conference
Lévesque, L. Conference Abstract Referee. Society of Public Health Education Annual Conference
Power, E.M. Journal Referee (1) Food & Foodways
Power, E.M. Journal Referee (1) Canadian Journal of Public Health
Power, E.M. Journal Referee (1) Food, Culture and Society
Power, E.M. Journal Referee (1) Canadian Journal of Dietetic Practice & Research
Ross, R. Manuscript Review (2) American Journal of Clinical Nutrition
Ross, R. Manuscript Review (1) Circulation
Ross, R. Manuscript Review (1) Journal of Clinical Endocrinology and Metabolism

Ross, R. Manuscript Review (2) Obesity Research
Ross, R. Manuscript Review (1) JAMA
Ross, R. Manuscript Review (1) Diabetes Care
Ross, R. Manuscript Review (1) International Journal of Obesity
Smith, G. Manuscript Review (1) Peace and Change
Smith, G. Manuscript Review (1) International History Review
Smith, G. Manuscript Review (1) Diplomatic History
Smith, G. Manuscript Review (1) Gendering the Vertical Mosaic
Smith, G. Manuscript Review (1) The Lavender Scare: The Cold War Persecution of Gays and Lesbians in the Federal Government
Stevenson, J.M. Manuscript Review, Ergonomics
Stevenson, J.M. Manuscript Review, Journal of Biomechanics
Stevenson, J.M. Manuscript Review, Applied Ergonomics
Stevenson, J.M. Manuscript Review, Work
Stevenson, J.M. Manuscript Review, Women and Health
Torcolacci, M. Chapter Review, Physical Health and Wellness Textbook
Tschakovsky, M.E. Manuscript Review (10) Journal of Applied Physiology
Tschakovsky, M.E. Manuscript Review (5) American Journal of Physiology (Heart and Circulatory Physiology)
Tschakovsky, M.E. Manuscript Review (1) Journal of Physiology (London)
Tschakovsky, M.E. Manuscript Review (1) European Journal of Applied Physiology
Tschakovsky, M.E. Manuscript Review (1) Medicine and Science in Sports and Exercise
Tschakovsky, M.E. Manuscript Review (3) Canadian Journal of Applied Physiology
Wolfe, L.A. Manuscript Review (11) Canadian Journal of Applied Physiology
Wolfe, L.A. Manuscript Review (2) Medicine and Science in Sports and Exercise

- ***Program Reviews***

Deakin, J. CCUPEKA Accreditation, University of Toronto
Deakin, J. External Reviewer (IAR), Kinesiology and Physical Education Programs, Brock University

- ***Grant Proposal Reviews***

Adams, M.L. (2) SSHRC Standard Research Grant
Janssen, I. (1) Alberta Heritage Foundation for Medical Research
Katzmarzyk, P.T. (1) CIHR
Lévesque, L. (1) Multidisciplinary Evaluation Committee
Lévesque, L. (1) Canadian Institutes for Health Research Internal Review Committee
Ross, R. (5) Canadian Diabetes Association
Ross, R. (2) CIHR
Stevenson, J.M. (1) Canada Research Chair, Simon Fraser University
Stevenson, J.M. (1) Canada Research Chair, University of Waterloo
Stevenson, J.M. (1) WSIB Grants, British Columbia
Stevenson, J.M. (1) Alberta Heritage Foundation
Stevenson, J.M. (3) WSIB Grant, Ontario
Tschakovsky, M.T. (5) Ontario Thoracic Society Block Term Grant Review Committee
Wolfe, L.A. (1) Canadian Institutes for Health Research

- **Consulting and Contract Work, Patents and Licenses. Other Research Activities**
 1. **Costigan, P.A.** Programming Consultant, OAISYS Medical.
 2. **Côté, J.** Individual consultation and mental training techniques with Lori-Ann Muenzer (Canadian Gold Medalist Cyclist at 2004 Olympics in Athens, Greece).
 3. **Ross, R.** MRI Consultant, NIH Grant (4)
 4. **Ross, R.** Scientific Advisor, Tanita Corporation of America
 5. **Ross, R.** Scientific Advisor, Polar Electro Oy, Finland
 6. **Ross, R.** Scientific Advisor, DSM Products Incorporated, Switzerland
 7. **Ross, R.** Scientific Advisor, Amgen Corporation, USA
 8. **Ross, R.** Scientific Advisor, Sanofi-Aventis Pharmaceutical, France
 9. **Stevenson, J.M.,** Morin, E.L. (3 contracts) Defence Research and Development Canada, Toronto, ON
 10. **Stevenson, J.M.,** Morin, E.L. (3 contracts) United States Marines.
 11. **Stevenson, J.M.** (1 patent under Mohammad Abdoli's name), PARTEQ U. S. Patent for Lift Assist Device

- **Granting Council Participant**

Katzmarzyk, P.T. Deputy Chair, Heart and Stroke Foundation (HSF) Of Canadian Scientific Review Committee VII (Population Health/Behavioural)

Katzmarzyk, P.T. Population Health Investigator (PHI) Advisory Committee, 2004, Alberta Heritage Foundation for Medical Research

- **Reviews of Faculty Member's Own Work**
 1. Dr. George Bray, one of the worlds leading obesity researchers, wrote an editorial (Bray GA. Don't throw the baby out with the bath water. *Am J Clin Nutr.* 2004;79:347-349) on one of Ian Janssen's peer review publications (**Janssen, I.,** Katzmarzyk, P.T., Ross, R. Waist circumference and not body mass index explains obesity-related health risk. *Am J Clin Nutr.* 2004;79:379-384).
 2. Ian Janssen's peer reviewed paper that was published in the journal *Pediatrics* (**Janssen, I.,** Craig, W.M., Boyce, W.F., Pickett, W. Associations between overweight and obesity with bullying behaviors in school-aged children. *Pediatrics.* 2004;113:1187-1194) received extensive media coverage in Canada and the United States. The study findings were covered in most major newspapers in North American and Ian Janssen conducted a number of live and taped national and regional television and radio interviews.
 3. The following clinical practice guideline, published in 2004, was endorsed in September, 2004 by the *American College of Sports Medicine*: 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.

- **Honours and Awards Related to Research**

Peter Katzmarzyk awarded Queen's Chancellor's Research Award, June 2004.

STAFF & FACULTY

Faculty	<p>Mary Louise Adams (Graduate Coordinator) Rob Beamish (Seconded to Head of Dept of Sociology (2004-2009)) Pat Costigan (sabbatical 2004-2005) Jean Côté Janice Deakin (Director) Ian Janssen Peter Katzmarzyk Samantha King Lucie Lévesque Elaine Power Bob Ross Geoff Smith (sabbatical 2004-2005) Joan Stevenson Michael Tschakovsky Larry Wolfe</p>	
Continuing Adjuncts	<p>Melody Torcolacci Brenda Willis</p>	
Sessional Adjuncts	<p>Irene Armstrong Cathy Ferri Kathy Jackson (Undergraduate Coordinator) John McFarlane (Chair of Athletics & Recreation) Chris Oliver Wendy Reynolds Dave Ross Kimberley Shaw Jill Smith Bill Sparrow Linda Whitfield</p>	
Activity Instructors	<p>Don Duffey Sean Horton Scott Lynn Tiffany Mochinski Anne-Marie McDonald Chris Oliver Harold Parsons</p>	<p>Wendy Reynolds Josef Riha Jill Smith Melody Torcolacci Linda Whitfield Brenda Willis</p>
Research Assistants	<p>Sue Reid (Research Associate) – J Stevenson Susan Parissi, Gait Lab in Human Mobility Research Centre – P Costigan Susan Brien (Postdoctoral Fellow) - P Katzmarzyk Melinda Van Zanten (Research Coordinator) - R Ross</p>	
Administrative Staff	<p>Angie Maltby (Administrative Assistant to Director and Graduate Program Assistant) Bill Pearce (Technical Support) Chris Scovill (Technical Support) Trish Stenzl (Undergraduate Secretary/Receptionist)</p>	

Teaching Assignments by Faculty Member

Faculty	WINTER TERM 2004	FALL TERM 2004
Mary Louise Adams (Graduate Chair)	PHED 367 HLTH 333	PHED 367
Rob Beamish – sabbatical	On Sabbatical	SECONDMENT TO SOCY
Pat Costigan	PHED 454 PHED 851 w/B Brouwer	On sabbatical from 01 Jul 2004 to 30 Jun 2005
Jean Côté	PHED 363 Graduate Seminar Series	PHED 237 PHED 865
Janice Deakin		PHED 261
Ian Janssen		PHED 335
Peter Katzmarzyk	HLTH 231 HLTH 325	
Samantha King	PHED 167	PHED 167
Lucie Lévesque	PHED 165 (<i>maternity leave</i>)	PHED 365
Elaine Power		HLTH 101 PHED 869
Bob Ross	PHED 255 PHED 886	PHED 357
Geoffrey Smith	PHED 241 PHED 475	On sabbatical from 01 Jul 2004 to 30 Jun 2005
Joan Stevenson	PHED 454 (w/Costigan)	PHED 353 (lectures) PHED 353 (labs - buyout) PHED 450 (buyout) PHED 853 (comb w/Mech895)
Michael Tschakovsky	PHED 888	
Larry Wolfe	PHED 155 PHED 459/881	PHED 885 Graduate Seminar Series
Continuing Adjuncts		
Melody Torcolacci	PHED 107 (Fitness) PHED 207 HLTH 200	PHED 107 (Fitness) HLTH 200 PHED 245 PHED 207
Brenda Willis	PHED 307	PHED 207 (Volleyball)
Sessional Adjuncts / Teaching Fellow (TF)		
Mohammad Abdoli (TF)		PHED 450
Irene Armstrong	PHED 351	PHED 891
Joseph Baker	PHED 165	
Beth Barz	PHED 207 (Rugby)	
Heather Brackley	PHED 165	PHED 153 PHED 353 (support for teaching and lab to Stevenson)
Don Duffey	PHED 001 PHED 207 (Water Polo)	PHED 001 (Aquatics) PHED 107 (Aquatics)
Cathy Ferri	HLTH 331	HLTH 131
Amanda Foran (TF)	PHED 207 (Soccer)	

Sean Horton (TF)	PHED 207 (Squash)	
Bob Howes		
Kathy Jackson	PHED 333 PHED 403/456/491/595 (Coord) HLTH 456/591 (Coord) HLTH 491 (Coord)	PHED 107 (Coord) PHED 207 (Coord) PHED 307 (Coord) PHED 333
Scott Lynn (TF)	PHED 207 (Golf)	PHED 207 (Golf)
Anne Marie McDonald	PHED 207 (Fitness)	
John McFarlane		PHED 371
Tiffany Mochinski (TF)		PHED 207 (Judo)
Chris Oliver	PHED 207 (Basketball) PHED 303	PHED 307 (Basketball)
Harold Parsons	PHED 207 (Ice Training) PHED 307 (Ice Training)	PHED 207 (Hockey)
Josef Riha	PHED 107 (Dance) PHED 207 (Dance)	PHED 107 (Dance) PHED 207 (Dance)
David Ross	PHED 331	
Kim Shaw	PHED 343	
Jill Smith		PHED 241
Bill Sparrow	PHED 438	PHED 338
Linda Whitfield	PHED 207 (Let's Play Games)	PHED 207 (Let's Play Games)

SERVICE

Faculty Name	University/SPHE Service	Professional Affiliations	Community Service
Adams, Mary Louise	<ul style="list-style-type: none"> ▪ Graduate Coordinator (2003-2005) ▪ OCGS Review Coordinator ▪ Graduate Studies Division V (Representative) (2003-04) ▪ QUFA (Council Representative) ▪ Macintosh Lecturer/Sociology of Sport Day Conference (Coordinator) ▪ SPHE Graduate Subcommittee (Chair) ▪ Headship Committee (Member) ▪ SPHE Graduate Student Orientation Week (Organizer) ▪ SGSR Academic Appeal Board (Member) ▪ Committee on Study Abroad (Member) ▪ QUFA Feminist Caucus (Member) ▪ QNS Appointments Subcommittee (Member) ▪ SPHE Sessional Adjuncts Appointments Subcommittee (Member) ▪ SPHE Unit REB (Chair) ▪ SPHE Appointments Subcommittee (Equity Representative) 	<ul style="list-style-type: none"> ▪ North American Society for the Sociology of Sport (Nominations Committee Chair) ▪ International Sociology of Sport Association (Member) ▪ Canadian Lesbian & Gay Studies Association (Member) 	<ul style="list-style-type: none"> ▪ HIV/AIDS Regional Services (Board Member)

<p>Costigan, Pat</p>	<ul style="list-style-type: none"> ▪ Chancellor's Scholarship (Reviewer) ▪ Motor Performance Group, School of Rehabilitation Therapy (Principal Investigator) • Human Mobility Research Center Gait Lab (Co-Coordinator) ▪ HMRC (Principal Investigator) ▪ SPHE Library Acquisitions (Representative) ▪ SPHE Undergraduate Curriculum Committee (Member) ▪ SPHE Headship Search Committee (Member) 	<ul style="list-style-type: none"> ▪ Canadian Society for Biomechanics, 13th Biennial Conference (Submission Reviewer) ▪ Canadian Society for Biomechanics, 13th Biennial Conference (Chair, Session 1A) 	
<p>Côté, Jean</p>	<ul style="list-style-type: none"> ▪ SPHE Graduate Seminar Coordinator ▪ SPHE Appointments Subcommittee (Member) ▪ SPHE QNS Appointments Subcommittee (Member) ▪ SPHE Graduate Subcommittee (Member) ▪ SPHE Unit Research Ethics Board (Member) ▪ SPHE Teaching Assistant Coordinator ▪ University Reappointment Committee for Directorship of SPHE (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) ▪ Managing Council, International Society of Sport Psychology (Nominee for Member results pending 2005) 	

<p>Deakin, Janice</p>	<ul style="list-style-type: none"> ▪ School of Physical and Health Education (Director) (Jun 2000 to present) ▪ 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 Officer) ▪ SPHE Appointments Subcommittee (Chair) ▪ SPHE Sessional Adjunct Appointments Subcommittee (Chair) ▪ Standards Division of Ergonomics Research Group (Chair) ▪ Dean of Student Affairs Selection Committee (Member) ▪ JCAA Side Table on Salary Anomalies (Member) (2001 to present) ▪ Internal Academic Review (Coordinator) ▪ IAR for Neuroscience Program (Member) ▪ Queen's Centre: <ol style="list-style-type: none"> 1. Steering Committee (Member) 2. Management Committee (Member) 3. Program Committee (Member) 4. Board of Trustees Executive Committee on Queen's Centre (Invited Guest) 5. Office of Advancement (Queen's Centre Travel to Meet Potential Donors) 	<ul style="list-style-type: none"> ▪ Council of Canadian University Physical Education and Kinesiology Administrators (CCUPEKA) (President Elect) ▪ CCUPEKA Accreditation Council (Member) ▪ CCUPEKA Lobbying Initiative on Disease Prevention Through Physical Activity (Member) ▪ NASPSPA (Member) ▪ SCAPPS (Member) ▪ Post-Secondary "Rae" Review Round Table Panel (Member) 	
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Jackson, Kathy	<ul style="list-style-type: none"> ▪ Faculty of Arts & Science, Faculty Board (Member) ▪ Intramural Executive Council (2004-06) ▪ University Council on Athletics (Member) ▪ Risk Management Committee (Member) ▪ SPHE Appointments Subcommittee (Member) ▪ QNS Appointments Subcommittee (Member) ▪ Horizons 2004 (Advisor) ▪ Winter Adapted Games 2004 (Staff Advisor) ▪ SPHE Undergraduate Curriculum Committee (Chair) 	<ul style="list-style-type: none"> ▪ Principal's Advisory Committee on Accessibility (Member) 	<ul style="list-style-type: none"> ▪ Historic Hockey Organizing Committee (Member) ▪ Loyalist College Recreation Leadership Advisory Board (Member) ▪ Active Living Alliance for Canadians with a Disability (Youth Exchange Advisor) ▪ Active Living Alliance for Canadians with a Disability (National Board Member)
Janssen, Ian	<ul style="list-style-type: none"> ▪ SPHE Unit Research Ethics Board (Chair) 	<ul style="list-style-type: none"> ▪ Canadian Society for Exercise Physiology (Member) ▪ North American Association for the Study of Obesity (Member) ▪ World Health Organization: Health Behaviour in School-Aged Children Study (Member and Co-Chair of Eating+DiETING Focus Group) 	

<p>Katzmarzyk, Peter T.</p>	<ul style="list-style-type: none"> ▪ SPHE Appointments Subcommittee (Member) ▪ SPHE Nominating Subcommittee (Member) ▪ Chancellor's Scholarship (Reviewer) ▪ QNS Principal's Final Selection Committee (Member) 	<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) 	<ul style="list-style-type: none"> ▪ Canadian Clinical Practice Guidelines for the Prevention and Management of Obesity (Expert Committee Member) ▪ 2004 Ontario Chief Medical Officer of Health Annual Report Advisory Committee "Healthy Weights, Healthy Lives" (Member) ▪ Coalition for Active Living (Canada) (Member) ▪ Heart and Stroke Foundation of Canada, (National Spokesperson on issues related to physical activity, fitness and obesity)
<p>King, Samantha</p>	<ul style="list-style-type: none"> ▪ SPHE QNS Appointments Subcommittee (Member) ▪ SPHE Strategic Planning Committee (Member) ▪ SPHE Appointments Subcommittee (Member) ▪ SPHE PRT Subcommittee (Member) ▪ Junior Faculty Caucus, QUFA (Member) 	<ul style="list-style-type: none"> ▪ North American Society for the Sociology of Sport (NASSS) (Member-at-Large Executive Board) ▪ NASSS Annual Conference, Tucson, AZ (Site Host) ▪ NASSS Conference Program Committee (Member) ▪ NASSS Book Award Committee (Chair) ▪ Leisure Studies Association (Member) ▪ National Communications Association (Member) 	

Lévesque, Lucie	<ul style="list-style-type: none"> ▪ SPHE Strategic Planning Committee (Member) ▪ University Senate, Health, Counselling and Disability Services Advisory Council (Member) ▪ University Residence Mentor for Wellness Floor 	<ul style="list-style-type: none"> ▪ American Public Health Association (Member) ▪ National Aboriginal Diabetes Association (Member) ▪ Society for Behavioral Medicine (Member) ▪ Society of Public Health Education (Member) ▪ Canadian Public Health Association (Member) ▪ Ontario Public Health Association (Member) 	<ul style="list-style-type: none"> ▪ 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 	
Power, Elaine	<ul style="list-style-type: none"> ▪ SPHE Appointments Subcommittee (Member) ▪ SPHE Sessional Adjuncts Subcommittee (Member) 	<ul style="list-style-type: none"> ▪ Agriculture, Food and Human Values Society (Member) ▪ Association for the Study of Food and Society (Member General and Member of Board of Directors) ▪ British Sociological Association (Member) ▪ Canadian Sociology and Anthropology Association (Member) ▪ Dietitians of Canada (Member) ▪ International Visual Sociology Association (Member) 	<ul style="list-style-type: none"> ▪ Partners in Mission Food Bank, Board of Directors (Member)
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 Fourth Annual Research Day (Organizer) ▪ Horizons 2004 (Faculty Advisor) ▪ SPHE Nominations Committee 	<ul style="list-style-type: none"> ▪ 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 (President Elect) ▪ 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"> ▪ Board of Studies, Faculty of Arts & Science (Member) ▪ Orientation Committee, Faculty of Arts & Science (Member) ▪ SPHE Academic Council (Member) 		<ul style="list-style-type: none"> ▪ Kingston Whig-Standard Community Editorial Board - Winter (Member) ▪ Kingston Anti-War Coalition (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) ▪ Major Entrance Undergraduate Scholarship Review Committee (Member) ▪ Department of Environmental Health & Safety Ergonomics Consulting Program (Coordinator) 	<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) ▪ Ontario Biomechanics Conference (President-Elect) 	<ul style="list-style-type: none"> ▪ Royal Military College, External Adjudication Committee ▪ Kingston and District Partners for a Safe Community ▪ Coordinator Ergonomic Assessments and Speaker
Torcolacci, Melody	<ul style="list-style-type: none"> ▪ Campus Recreation Committee (Member) 	<ul style="list-style-type: none"> ▪ National Strength and Conditioning Association (Member) ▪ OUA Track and Field Championships Standards Document (Chair) 	<ul style="list-style-type: none"> ▪ High School Coach ▪ University Coach
Tschakovsky, Michael	<ul style="list-style-type: none"> ▪ SPHE Graduate Subcommittee (Member) ▪ SPHE Division I (Representative) ▪ SPHE Strategic Planning Subcommittee (Chair) ▪ SPHE Unit REB (Member) ▪ SGSR Division IV Committee (Member) 	<ul style="list-style-type: none"> ▪ American College of Sports Medicine (Member) ▪ Canadian Society of Exercise Physiology (Member) ▪ American Physiological Society (Member) 	
Willis, Brenda	<ul style="list-style-type: none"> ▪ University Council on Athletics (Member) ▪ Campus Recreation (Coordinator) ▪ Risk Management Committee (Member) ▪ Facility and Services Committee (Member) 	<ul style="list-style-type: none"> ▪ Ontario Volleyball Association (President) ▪ OUA Men's Volleyball Coaches Association (Chair) ▪ CIS Men's Volleyball Coaches Association (Awards Chair) ▪ Level Three Technical Mentor 	<ul style="list-style-type: none"> ▪ Elite Training Centre for 16U Athletes (Technical Coordinator) ▪ Elite Training for 14U Athletes (Head Line Instructor)

Wolfe, Larry	<ul style="list-style-type: none"> ▪ Advisory Research Committee, Division I (Representative) ▪ SPHE Mission Statement Subcommittee (Member) ▪ SPHE Health and Safety Committee (Co-Chair) ▪ SPHE Promotion/Renewal/Tenure Subcommittee ▪ Graduate Seminar Series Fall 2004 (Facilitator) ▪ Hiring Subcommittee, SPHE Technical Assistant (Member) ▪ Principal's Headship Committee for SPHE (Member) 	<ul style="list-style-type: none"> ▪ Canadian Society for Exercise Physiology (President for 2004-2006) ▪ Canadian Society for Exercise Physiology (President-Elect 2002 – 2004) ▪ 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) 	
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Professional Contributions

Editorial Boards

Côté, J.

- Editor. Sport Psychology Section, *The Asian Journal in Exercise and Sports Science (AJESS)*.
- Editor. Social Aspects in Sport and Exercise Section, *International Journal of Sport and Exercise Psychology (IJSEP)*.
- 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*.

Power, E.

- Editorial Board, *Food, Culture and Society*

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.

- SSHRC Standard Research Grants (2)

Janssen, I.

- Alberta Heritage Foundation for Medical Research
- Population health investigator

Katzmarzyk, P.T.

- Heart and Stroke Foundation (HSF) of Canada Scientific Review Committee VII (Population Health/Behavioural), Deputy Chair
- Alberta Heritage Foundation for Medical Research, Population Health Investigator (PHI), Advisory Committee
- CIHR Operating Grant (1)

Lévesque, L.

- Fonds de la recherche sur la société et la culture (FQRSC) : Multidisciplinary Evaluation Committee
- Canadian Institutes for Health Research (CIHR) Internal Review Committee: Psychosocial Behaviour Section (35 grants)

Ross, R.

- Canadian Diabetes Association (5)
- CIHR (2)

Stevenson, J.M.

- Canada Research Chair, Simon Fraser University
- Canada Research Chair, University of Waterloo
- WSIB Grants for British Columbia
- Alberta Heritage Foundation
- WSIB Grant for Ontario
- Safety Net for Newfoundland

Tschakovsky, M.

- Ontario Thoracic Society Block Term Grants (5)

Wolfe, L.A.

- Canadian Institutes for Health Research (1)

Consulting and Contract Work; Patents and Licences

Costigan, P.A.

- Programming Consultant for OASYS Medical

Côté, J.

- Lori-Ann Muenzer (Olympic Gold Medalist) 01/04-06-04. Using mental training techniques with Lori-Ann Muenzer (Canadian Gold medalist cyclist at the 2004 Olympic in Athens). Involves individual consultation with her on a regular basis.

Ross, R.

- MRI-Consultant, NIH Grant (4)
- Scientific Advisor, Tanita Corporation of America
- Scientific Advisor, Polar Electro Oy, Finland
- Scientific Advisor, DSM Products Incorporated, Switzerland
- Scientific Advisor, Amgen Corporation, USA
- Scientific Advisor, Sanofi-Aventis Pharmaceutical, France

Stevenson, J.M.

- Defence Research and Development Canada, Toronto, Ontario
- U.S. Marines, 3 contracts
- PARTEQ U.S. Patent for Lift Assist Device

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.