I extend to everyone my very best wishes for the New Year. 2005 will be an exciting time for the School of Kinesiology. Significant changes have already been approved to our Graduate Programs by the Senate Committee on University Priorities and the Senate Graduate Studies Committee. These changes which include the development of a new Coursework M.Sc. degree are scheduled to be discussed at the February Senate Meeting.

It is also the case that the School will have a new director from September 1st, 2005. The search committee for this position is in the process of formation.

At the Undergraduate level, September 2005 sees the initiation of the new program in Biomedical Engineering in which students will have a significant section of their education undertaken within the School of Kinesiology.

The first Ergonomics/Human Factors cohort is underway at Harbour Centre this semester. This consists of six related three-credit undergraduate courses. This follows the successful launch of our Active Health cohort at Harbour Centre last semester. The long-term vision is for each of these sets of courses to be offered as a 15-credit semester.

I am delighted to welcome Penny Deck as our new half-time Advisor. Penny has established office hours for consulting with students at both the Burnaby and Harbour Centre campuses. Penny has a long history of involvement with the School and in conjunction with her advising duties will continue to act as a Sessional Instructor.

It also gives me great pleasure to welcome Max Donelan who took up his appointment as an Assistant Professor in the School on January 1st. Max joins us from the University of Alberta.

On behalf of the School, I should like to thank the Social Committee for its organization of the Christmas Dinner which took place at the Macaroni Grill in December last. There was a record 62 people in attendance and it was both well organized and extremely successful. Craig Asmundson as chair of the Social Committee is seeking input from the Kinesiology community for events and new volunteers for that committee.

John Dickinson

Aftab E. Patla, Ph.D.
Professor, Gait & Posture Lab
Department of Kinesiology
University of Waterloo

Topic: Adaptive human locomotion: the eyes have it!
Date: Wed, January 19, 2005
Time: 11:00-12:00 p.m.
Place: ASB 9705

Abstract:
Vision is the only modality that can provide accurate and precise advance information about animate and inanimate features of the environment. It is not surprising that most animals rely on vision to guide locomotion and Gibson in 1938 stated that locomotion is guided chiefly by vision. In this talk I will focus on work done in our lab on visual guidance of adaptive human locomotion that tell us what the relevant visual information is and how it is used to guide action. Studies discussed will include monitoring of gaze behaviors during locomotion, effects of manipulation of visual information on gait patterns, and matching of actual travel path data with those predicted by models that incorporate what type of visual information, when and how this visual information is used for path navigation (including obstacle avoidance and foothold selection) through a cluttered terrain.

FAS Open House
All faculty are invited to attend the FAS Open House on Saturday, February 5th, 2005 to introduce our six Schools to Secondary Schools. Van Truong, Departmental Assistant, is the representative from Kinesiology. She welcomes suggestions and any assistance you can give. Contact her at vtruong@sfu.ca Details are at: http://fas.sfu.ca/zope/FAS/DiscoverAPSC

Anne-Kristina Arnold presented a paper at the Association of Canadian Ergonomists (ACE) Conference October 2004 entitled, “Cell phone messaging system:

GLEN TIBBITS has been awarded $164,040 from the BC Knowledge Development Fund (BCKDF) for infrastructure costs associated with the project, “Molecular cardiac physiology research facility.”

ANDREW BLABER was featured in an article entitled “SFU researchers make like Martians,” appearing in The Province, Discovery: Science section, Sunday, November 28th, 2004.

DEANNA SCHICK will be speaking at the Canadian Academy of Sport Medicine Annual Symposium in Ottawa, February 9-12, 2005. Her paper is entitled, “Injury Rates during a Female National Rugby Tournament.”

**DEFENCES**

Successfully Defended:

WAQAR MUGHAL M.Sc. Wednesday, December 8th, 2004 9:00 a.m., ASB 9896 Assessment of low back injury risk in residential care workers. Supervisor: JAMES MORRISON, STEVE ROBINOVITCH

AARON CHU M.Sc. Monday, December 13th, 2004 2:00 p.m., K9624 The effects of hypoxia and core temperature on ventilation during exercise. Supervisors: MATT WHITE, ANDREW BLABER, Don McKenzie

DAVID LIM M.Sc. Monday, January 17th, 2005 3:00 p.m., ASB 9896 Free vibration response of the human head and neck system under normal and mouthguard conditions. Supervisors: DAVID GOODMAN, STEVE ROBINOVITCH

**KINES CAREER EVENT**

The upcoming annual Careers in Kinesiology Event is for students by students and will be held on Wednesday March 16th in the Halpem Centre from 4:30 pm – 7:00 pm. All staff, faculty and students in the School of Kinesiology are invited to attend.

We have invited engaging panelists, some of whom are SFU Kinesiology alumni, whose experiences will allow students to explore the wide range of possible career paths that can be taken with a Kinesiology degree. Confirmed guest speakers are: ANNE-KRISTINA ARNOLD, Limited Term Lecturer, School of Kinesiology, who works in the Ergonomics field; TAMSYN PENGILLY, Kintec Footlabs, Vancouver, SFU Kines Grad and current Kines employer; KERRY SENCHYNA, West Coast Kinesiology, Maple Ridge, SFU Kines Grad, current Kines employer and Kines 343 practicum supervisor.

These shared experiences about bridging the gap between the classroom and the industry will help students prepare for their own successful transition into the professional world.

Submitted by KEIKO COOPER, FAS Co-op Student Assistant, and VAN TRUONG, Departmental Assistant.

**KINES CO-OP NEWS**

As of fall 2004, Co-operative Education has launched Our Co-op Learning Community for co-op students, alumni, employers and staff. It is the first of its kind in Canada! This dynamic new community will also serve as an important resource for students, providing help with work search and interview preparation and presenting excellent networking opportunities.

**Key Features**

SFU’s Co-operative Education Community is focused on co-op and career related learning.

**Community Profiles:** Profiles of Community members and of students’ work term experiences -- A great opportunity to learn more about co-op jobs and employers, to network with colleagues and to prepare for interviews and careers.

**Interview Question Database:** An interactive tool that provides interview questions (commonly asked & discipline specific), perspectives on the relevance of the question and tips on how to respond.

**Learning Modules:** A series of learning modules on co-op related topics: Interviews, Work World Trends, Portfolios. They are available on-demand, 24/7.

**Portfolio Gallery:** Examples of e-portfolios contributed by Community members.

**Discussion Forums:** An opportunity for informal learning through sharing experiences, ideas and resources. Rub e-shoulders with employers and alumni - gain their expert advice.

**Articles:** Regular features/hot tips written and contributed by Community members on Co-op and careers.

**Newsfeed:** Career news pulled daily from trustworthy and recognized sources.

**Calendar:** Co-op workshops, events, and other career-related activities offered on-and-off campus.

**Weblinks:** Links to innovative and informative websites related to Co-op and career development. This is only a sample of the many features that provide resources and opportunities for interaction and contribution.

Learn more and become involved via Co-op’s main website: www.sfu.ca/coop

Follow the Community link or contact Quentin at qbeck@sfu.ca or Willow at wmj@sfu.ca

dickinso@sfu.ca / lazaro@sfu.ca