Director's Corner

During the past month the School has welcomed two temporary employees. Andras Szigeti has replaced Gary Shum as our temporary Electronics Technician. The search is currently under way for the permanent replacement.

Some concern has been expressed by members of the School concerning the quality of our website and in particular its capacity to help in the recruitment of graduate and undergraduate students. In order to improve the quality of the site, a Co-op student, Kirsten Johnson has been hired on a part-time basis to work on this site.

Enrolment for the Summer semester in Kinesiology is in total down slightly by 3.2% compared with last summer. This total has been generated by an increase in our enrolment at the lower division level but a significant and offsetting decrease in the upper level courses.

The School is planning a significant enhancement of its offerings at the Harbour Centre campus. This is to be funded by the equivalent of 25 FTE’s from the Vice President’s Office. When authorization is provided, it is anticipated that the principal use of the funds will be in the hiring of a Lecturer to be based full-time at Harbour Centre.

John Dickinson

June 2003 Convocation

Congratulations to our June 5th, 2003 Graduands:

Ph.D.
- Minghua Li
- Suiping Zhou

M.Sc.
- Hisae Nakamura
- Vineet Johnson
- Val Walker

B.Sc.
- Jason Adams
- Marni Armstrong
- Jordan Atkinson
- Cara Barkham
- Shailinder Bhullar
- Noni Bradley
- Jeffrey Cathrea
- Bryan Cervantes
- Wendy Chan
- Shermeen Chan
- Simon Chau
- JoAnn Chee
- Paul Cheung
- Hardeep Dhaliwal
- Joshua Doyle
- Eric Farleigh
- Paul Gross
- Tamara Guzman
- Laura Halvorson
- Andrew Han
- Jennifer Harach
- Bradley Haws
- Melissa Hindle
- Demond Jay
- Natasha Kassam
- Fereidon Kikhosrowkian
- Seong-Ha Kim
- Dimitrios Klonarakis
- Simi Kohli
- Jeffrey Kwantes
- Darcy Lainchbury
- Khong Lee
- Coral-Ann Lewis
- Justin Lo-Chang
- Kevin Loong
- Laura Loudon
- Terence Lowe

Philip Mah
- Alain Malebranche
- Sarah Manske
- Ingrid McFee
- Luke McKerrow
- Mark McLaren
- David Melnychuk
- Aaron Miller
- Tonia Mitchell
- Irfan Moledina
- Gina Nalewajek
- Nhi Nguyen
- Kyle O'Scienny
- Amir Ocampo
- Charlene Olm
- Allen Pei
- Cari Ann Peters
- Derek Pollard
- Chantelle Poon
- Amber Ralston
- Trevor Reid
- Sarbjit Sahota
- John Shin
- Tavinder Sidhu
- Gillian Stiles
- Uma Sudra
- Tara Swanson
- Catherine Trask
- Gurinder Uppal
- Farah Verjee
- Karen Vu
- Lara Wai
- Angela Wan
- Ivone Wijaya
- Andrea Williams
- Marsha Wind
- Marek Wojtaszek

Reception

Kinesiology Convocation Reception

When: Thursday, June 5th
Where: SFU Halpern Centre
Time: 4:00 – 5:30 p.m.

Faculty, staff and graduate students—join us!
**Faculty, Staff, & Students**

**Victor Stepan** hosted eleven members of the Coquitlam Scuba Club recently with a tour of Kinesiology’s Environmental Physiology Unit Hyperbaric Chamber, followed by simulation dives. During the evening session these certified divers gained additional awareness in diving physiology and the promotion of safe sport diving. Additional orientation tours for local dive groups are anticipated.

Congratulations to **Scott Lear** who was awarded a Michael Smith Foundation for Health Research Scholar Award. The new MSHRF Scholars also include **Janice Eng** who was a Postdoctoral Fellow in the School with **Andy Hoffer**. Janice is now in Rehabilitation Sciences at UBC.

**Update on Our Graduates:**

**Natasha Kassam** will be attending the National College of Naturopathic Medicine in September, 2003.

**Adrian Hingston** and **Catherine Trask**, have been accepted into the Masters in Occupational Health program at UBC.

**Catherine Trask** has also been accepted into the Bridge Fellowship Program at UBC for September 2003.

**Brighid Cassidy** is finishing her first year at the University of Toronto Medical School. Brighid received an international health scholarship to spend ten weeks working in a prenatal clinic in Honduras.

**Vancouver Sun Run Update:**

The School of Kinesiology had 11 team members registered, but due to injury and illness, not everyone was able to cross the finish line. Although Kinesiology did not qualify for a team standing, those who ran/walked did so cheerfully despite the rain. There were many band and well wishers to encourage everyone along the way, including the SFU Pipe Band. Afterwards everyone gathered at the Steamworks Pub for hot breakfast. Kinesiology members included: **Perveen Biln, Christine Chung, Lori Cunningham, Ross Davidson, Brent Gall, Darren Leavy, Jennifer Litt, Ingrid McFee and Joanna Zanders**.

**CO-OP CORNER**

**CKA Conference**

The 2nd bi-annual Canadian Kinesiology Alliance Conference was held in Burnaby this April. SFU Kinesiology Co-op was an event sponsor and sponsored the speaker gifts. It was an excellent conference with great networking opportunities in meeting other Kinesiologists from across the country, such as Provincial Representatives and the CKA Executive.

**Placements & New Co-op Application Process**

Co-op has placed approximately 55 students for the Summer and they are now in the process of preparing students for the Fall work term. Students are now expected to apply to Co-op 8 months prior to the start of the first Co-op work term. Students are now expected to apply to Co-op 8 months prior to when they want to work in order to fully prepare them with the necessary pre-employment workshops.

All Co-op students at SFU are now expected to complete a Bridging On-line (BOL) course 8 months prior to the start of their first Co-op work term. BOL I and II were designed by **Nancy Johnston and Donna Carswell** and are now a part of a new application process.

BOL is divided into two modules, and are offered in an online, e-learning environment each for a two-week period. BOL I curriculum covers preparatory content and BOL II covers prerequisite materials for students entering their first work-term. **Quentin Beck** is designing future modules.

Students are now encouraged to complete the first part of BOL I within their first year at school. Students may then apply to the Kinesiology Co-op program, where once accepted, students must complete BOL II prior to their first Co-op work term.

**International Placement**

Co-op currently has one student diving in the Cayman Islands, collecting data for a study looking at decompression sickness in scuba divers. What an excellent (and fun) learning environment!

**DARLEEN HEISLER**
**CO-OP COORDINATOR**

**UPCOMING SEMINAR**

You are invited to a Seminar by:

**Francois Haman, Ph.D. (Cand)**
**Dept of Biology**
**University of Ottawa**

**TOPIC:** Survival in the Cold: Fueling Shivering Thermogenesis

**DATE:** Tues June 17, 2003
**TIME:** 11:30 am to 12:30 pm
**PLACE:** ASB 9896

**Summary:** During environmental cold exposure, in adult humans, a decrease in core temperature is prevented by increasing heat production via shivering thermogenesis. Involuntary muscle contractions during shivering are mainly fueled by carbohydrates and lipids. However, the respective importance of carbohydrate and lipid oxidation has not been clearly established. For example, some researchers imply that carbohydrate is the preferred fuel in the cold, while others show a greater reliance on lipids. This seminar will focus specifically on the effects of changes in fuel availability and muscle fibre recruitment.

**TOPIC:** Thermogenesis

**DATE:** Tues June 17, 2003
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**Summary:** During environmental cold exposure, in adult humans, a decrease in core temperature is prevented by increasing heat production via shivering thermogenesis. Involuntary muscle contractions during shivering are mainly fueled by carbohydrates and lipids. However, the respective importance of carbohydrate and lipid oxidation has not been clearly established. For example, some researchers imply that carbohydrate is the preferred fuel in the cold, while others show a greater reliance on lipids. This seminar will focus specifically on the effects of changes in fuel availability and muscle fibre recruitment.