FROM THE DIRECTOR

This newsletter could also be called the Autumn Edition (the leaves outside my window are bright red and it’s raining), the Successful Fall Semester Edition (lots of fresh new faces on campus and enrollment numbers are way up!), and the Faculty Turnover Edition.

First of all, congratulations to AMANDIO VIEIRA who was granted tenure as of June 26th, 2007 and promoted to Associate Professor as of September 1st, 2007, and to SCOTT LEAR who was promoted to Associate Professor as of September 1st, 2007.

Regarding departures, it is with mixed feelings that I announce that our colleague, TED MILNER, has accepted the position of Chair of the Department of Kinesiology and Physical Education at McGill University starting January 1st, 2008. Ted’s research is in the area of human biomechanics/neural control of movement. While this is a great opportunity for Ted, we are very sad to see this highly productive researcher and excellent educator leave our School, where he has been on faculty for the last 15 years.

As for new faculty, I am very pleased to welcome JAMES WAKELING to our School as of September 1st, 2007. James is a biomechanist who studies motor unit recruitment.

I am also pleased to announce that VICTORIA CLAYDON and TOM CLAYDON will be joining our School on January 1st, 2008.

They are both cardiovascular physiologists. Victoria works on syncope (fainting) and autonomic control of cardiac function, while Tom works on voltage-gated ion channels in cardiac function.

Currently we are searching for an Assistant Professor with research interests in motor systems/behaviour/learning.

Autumn certainly is a season of change, and no less so this year than ever before.

PETER RUBEN

CONGRATULATIONS KINES GRADUATES!

M.Sc. KINESIOLOGY
ALEJANDRA FARIAS GODoy
MITSUHIRO KOMBA
RYAN METCALFE
OLIVIA TSENG

M.Sc. KINESIOLOGY – COURSE WORK
PONEH AFKARI
HEIDI BALL
JONI INMAN
PAIGE STEVENS

B.Sc. KINESIOLOGY
CAROLYN ALLEN
KAM ATHWAL
BONNIE CHOW
ANDREW CORAZZA
SANDRA CORTINA
MARK COSTALES

SUNNY CUI
FELICIA CULHAM
PRITPAUL DHOOT
SARAH ECKERT
HILDA FU
KAM FUNG
CINDY JEW
KYUNG-MIN JUNG
HUGO LEE
NOLENE LOOK
MINNA LOW
LINDSAY MCCAW
NADINE MIGNOTT
RYAN NOSE
PAUL NOWAKOWSKI
CHERYL POEMOMO
JANET VOO
PARK WEI ZHANG

CONVOCATION RECEPTION

Please join us!

in the ASB ATRIUM
(building closest to the B Parking Lot)

DATE: Thurs Oct 4th, 2007
PLACE: ASB Atrium
TIME: 12 Noon to 1:30 p.m.

This will be a combined reception with the other Schools in the Faculty of Applied Sciences.

CO-OP UPDATE
Please welcome Cheri Fiedler to the Kinesiology Co-op office. She has replaced Barbara Peachey in the role of Acting Program Assistant for the next six months, at which time the position will be posted as a continuing position. Many of you may know Cheri already, as she comes to us from the FAS Dean's office. If you have not already met Cheri, please stop by and introduce yourself.

**Faculty, Adjuncts & Grad Students**

Parveen Bawa presented a paper, “Rotation among spinal motoneurons in humans” with co-author, Blair Calancie at the Alberta Control Meeting held in Jasper, Alberta on September 20-23, 2007.

Andrew Blaber would like to welcome Clint Landrock to the Aerospace Physiology Laboratory. Clint is an MSc student whom Andrew is co-supervising with Dr. Bozena Kaminska in the School of Engineering Science.

Jim Morrison, Matt White and Andrew Beaudin attended the 12th International Conference on Environmental Ergonomics (ICEE), in Piran, Slovenia, August 19th to 24th, 2007. The productivity of the Environmental Physiology Unit (EPU) was also well represented at the conference by former graduates and staff of our program, including: Igor Mekjavic (Conference Chair) now at Jozef Stefan Institute, Ljubljana, Slovenia; Nigel Taylor (organising committee) U. Wollongong, Australia; Nickos Geladas, U. Athens, Greece; David Fothergill, Naval Submarine Medical Research Laboratory, Groton, USA; Stephen Cheung, Dalhousie U., Canada; Naoshi Kakitsuba, Meijo U., Japan; and Xiaojiang Xu, Research Institute of Environmental Medicine, Natick, USA. The conference was followed by a 4-day trek in the Julian Alps including the ascent of Triglav, the highest peak at 2864 m (9,400 ft).

The following 5 presentations were made at the ICEE:

**Environmental Physiology Unit:**

1. Beaudin, AE & White, MD Exercise hyperventilation following acclimation to a hot environment.

Andrew Beaudin (Supervisor, Matt White) has just accepted a job as a Research Assistant in Dr. Marc Poulin’s Laboratory of Human Cerebrovascular Physiology at the University of Calgary.

Luisa Giles, MSc student and Research Assistant in Matt White’s lab, has recently returned from a successful climbing trip in North Pakistan where she followed her interests in hypoxia research that she is developing in the lab. With her two climbing partners, Sarah Hart and Jacqueline Hudson, they established a 3,000-foot free route on a 17,000-foot rock spire near the base of Latok III. For the full story see http://www.climbing.com/news/hotflashes/thepartition07.

Irene Rossberg-Gempton, Adjunct Professor, received a $10,000 BC Medical Services Foundation through the Vancouver Foundation grant for SFU and the Kitasoo Band in Klemtu. The grant was for a Development Grant: Suicide Prevention Program in Klemtu, BC. It was a community participatory grant to assess the wishes, needs, resources of the community to create healthy indoor and outdoor activities for the youth in Klemtu as a means of suicide prevention.

Irene reports that local community ladies and youth were trained to be research assistants to create, implement, and analyze the questionnaire that was administered to youth and parents of youth in Klemtu. Over 50 adults and 17 youth were interviewed in a community of about 350-400 people.

Irene states that at the end of the research project, a community meeting was held where the results were disseminated and an action plan was formulated based on the results. As a result of the action plan, the first family night community event was held September 21st, 2007 and over 50 people attended! All age groups were represented from babies to Elders. Parents played with their children and everyone had a lot of healthy fun playing board games and cards. The community members plan to hold more family fun nights and special cultural events (based on community feedback and wishes) throughout the year.
DEFENCES

Successfully defended:

MITSUHIRO KOMBA MSc
Summer, 2007
Extracellular Release of High Mobility Group Box1 Protein from Necrotic b-Cells in the Pathogenesis of Type 1 Diabetes Mellitus
Senior Supervisor: DIANE FINEGOOD
Supervisory Committee: Jan Dutz, UBC, CHARLES KRIEGER

OLIVIA LING-I TSENG MSc
Summer 2007
Numerical and Structural Abnormalities of Centrosomes in Oral Cancer and Premalignancy
Senior Supervisor: MIRIAM ROSIN
Supervisory Committee: Catherine Poh, LEWAI ZHANG

PONEH AFKARI – Summer 2007
Course Work Masters

HEIDI BALL – Summer 2007
Course Work Masters

JONI INMAN – Summer 2007
Course Work Masters

PAIGE STEVENS – Summer 2007
Course Work Masters

ANDREW BEAUDIN MSc
September 18th, 2007
Pulmonary ventilation following acclimation to a hot environment.
Senior Supervisor: MATT WHITE
Supervisory Committee: Bill Sheel, JIM MORRISON, MIKE WALSH, MAX DONELAN

PUBLICATIONS

ANDREW LAING (Supervisor, STEPHEN ROBINOVITCH) recently had a paper accepted for publication in Osteoporosis International. The study, entitled, “Effect of soft shell hip protectors on pressure distribution to the hip during sideways falls,” is the second paper Andrew has published as part of his Ph.D. thesis research on hip impact dynamics and interventions to reduce hip fracture risk in the event of falls.

ANDREW LAING (Supervisor, STEPHEN ROBINOVITCH) recently published a paper in Ergonomics (50:7:10921109) entitled “Effectiveness of a participatory ergonomics intervention in improving communication and psychosocial exposures.” It reports on the results of an occupational health and safety study he conducted with colleagues in Ontario.

TERRY FOX DAY

RESULTS

As captain of the Kinesiology team, I would like to thank all of the Kinesiology students, faculty, and staff who participated in the walk/run on September 20th, who worked as volunteers at the event, and who donated money to the Terry Fox Foundation.

There were 1006 registered participants in the walk/run, a decrease of 100 participants compared to 2006, but the weather was much better last year.

26 teams participated in the walk/run. The Team Challenge for the "Most Number of Participants" consisted of:
#1 Business: 124
#2 Education: 107
#3 Kinesiology: 105
#4 Student Services: 96

Team Challenge for the "Most Spirited Team": Education Matters! (Faculty of Education PDP teams)

Total Donations to the Terry Fox Foundation: $ 8,700
#1 Student Services
#2 Kinesiology
#3 LIDC

PHOTOGRAPHS

Photographs taken at the Terry Fox Day Event by KING CHAO, STEPHEN BROWN and myself can be viewed at the website address shown below.
http://fas.sfu.ca/kin/terryfox/

CRAIG ASMUNDSON

KINESIOLOGY SEMINAR SERIES

Join us at our Seminar Series, normally held on Tuesdays at 11:30 a.m. Seminars held thus far this Fall:

HAL WEINBERG, Professor Emeritus, School of Kinesiology, and Director, Research Ethics, Office of the VP Research, SFU, gave the following talk on Tuesday, September 11th, 2007:

Topic: A Return to the Concept of Distributed Function in the Brain

JACQUES DUYSENS, Professor, Dept of Rehabilitation Medicine, Radboud University, Nijmegen Medical Center and SMK-Research, Nijmegen, The Netherlands, gave the following talk on Monday, September 17th, 2007:

Topic: Perturbing gait with/without stimulation

JACK BOULANT, Hitchcock Professor in Environmental Physiology, Professor, Physiology, U of Rochester, Rochester, NY, and Postdoctoral Training, Yale University, gave the following talk on Tuesday, September 25th, 2007:

Topic: Hypothalamic neurons and the regulation of body temperatures

DOUGLAS J. WEBER, Dept of Physical Medicine and Rehabilitation, Dept of Bioengineering, U Pittsburgh, Pittsburgh, PA, will give the following talk on Tuesday, October 2nd, 2007:
Topic: Neural interfaces for Somatosensory Feedback

UPCOMING SEMINARS:

October 9th:
**ANDRE TCHNERNOF** Professor, Laval University.

October 16th:
**EDGAR YOUNG**, Assistant Professor and MSFHR Scholar, Department of Molecular Biology and Biochemistry, Simon Fraser University

October 23rd:
**JEAN-SEBASTIAN BLOUN**, Assistant Professor, Department of Human Kinetics, University of British Columbia

October 30th:
**URS RIBARY**, Professor and BC Leadership Chair, Department of Psychology, Simon Fraser University

November: TBA

KINESIOLOGY CHRISTMAS PARTY

You are invited!

When: Sat December 15th, 2007
Time: 7:00 p.m.
Place: Mountain Shadow Pub
Location: At the base of Burnaby Mountain at the intersection of Barnet Road and Pandora Street. We have reserved the second floor of the pub for our party.

www.shadowpub.com
Dress: Semi-formal

There will be great food, and of course great company! Be sure to book this social event on your calendars!

Details to follow when the Kinesiology Social Committee works them out.