The new program in Biomedical Engineering has now been approved at all levels within the University structure, and is scheduled to begin offerings in September 2005. The Biomedical Engineering Program will have a steering committee consisting of three members from Kinesiology, and three from Engineering Science. Andrew Rawicz of Engineering Science will chair the committee. Our representatives will be Parveen Bawa, Andy Hoffer, and Steve Robinovitch.

The website for the Graduate Program has been updated by Van Truong, Shona McLean and King Chao. This update reflects the acceptance of our new Coursework Masters Degree. You will remember that it is intended that we will establish an initial cohort of 10 M.Sc. (Coursework) students for the first offering in September ’05. We have had so far expressions of interest both from our own undergraduates as well as two chiropractors.

It was announced last week that plans for the expansion of Kinesiology in terms of space include: new laboratories in the TASC II building scheduled for completion in 2006 as well as new space on the 8000 level in the current building. As part of the deal, a laboratory will be allocated to a member of the Psychology Department. The net gain for the School of Kinesiology is approximately an extra 6000 sq ft. In addition, all Kinesiology faculty engaged in work using animal models have been accommodated in the new Animal Care Facility to be established in TASC II.

Advertisements for three vacant positions (two in cardiac physiology and one in biomechanics) have now been published and significant numbers of applications have been received. The Director’s Search Committee for a new director for the School of Kinesiology has also advertised that position.

JOHN DICKINSON

ANDY HOFFER presented a seminar to the SFU Biophysics group on January 25th on the topic "Biophysical basis for neuroprostheses", and a special lecture on February 16 to the Physics 102 class on a similar topic. He has also been invited to present the results from the first patient in an 8-month long Pilot Feasibility Trial using Neurostep, a fully implanted electrical stimulation device that assists walking in hemiplegic subjects with paralysis from a stroke, at a special session of Closed-Loop Control of Functional Electrical Stimulation at the IFESS 2005 international meeting, to be held in Montreal in July.

Congratulations to Scott Lear who was one of three recipients of CIHR Funding recently at SFU (together with Nicholas Harden and Dipankar Sen). The event was held as a BC Regional funding announcement hosted by President Michael Stevenson, VP Research Mario Pinto, and Diane Finegood of Kinesiology representing CIHR. Scott gave a short presentation of his work at the event.

Dan Robinson has accepted a nomination as an Industry Representative of the Canadian National Committee on the International Organization for Standardization (CNC/ISO) for a three-year term. CNC/ISO provides guidance to the Standards Council of Canada related to ISO policies, standards development and related conformity issues.

Wade Parkhouse has accepted a two-year reappointment to the President Research Grants Committee. Charles Krieger has accepted an appointment as a Consultant to that committee specifically with the role of adjudicating applications made to the William and Ada Isabel Steel Fund.

MATTHEW D. WHITE, AARON L. CHU, OLLIE JAY. Independent and combined effects of hypoxia and elevated esophageal temperature on the pattern of
human exercise ventilation.
International Hypoxia Symposia,
Lake Louise, Feb 22-27, 2005.
AARON L. CHU, OLLIE JAY,
MATTHEW D. WHITE. The
interaction of hypoxia and core
temperature on ventilation
during sub-maximal exercise.
Experimental Biology/International
Union of Physiological
Science Meeting, San Diego,
March 31-April 5, 2005.

JULIA P. H. CHRISTENSEN, OLLIE
JAY, MATTHEW D. WHITE. Cold
shock response during sudden
face only immersion at lower
water temperatures. Experimental
Biology/International Union of
Physiological Science Meeting,
San Diego, March 31-April 5,
2005.

DEFENCES

QUAN HONG       M.SC.
Friday, April 8th, 2005
9:30 a.m., K9624
Kinesiology Seminar Room
Supervisor: STEVE ROBINOVITCH,
TED MILNER

SUCCESSFULLY DEFENDED:

XIAO YANG SHAN                      M.SC.
Thursday, March 10th, 2005
10:00 a.m., ASB 9705
Distribution in murine transgenic
model of amyotrophic lateral
sclerosis.
Supervisor: CHARLES KRIEGER

XUAN GENG           M.SC.
Monday, March 14th, 2005
2:00 p.m., ASB 9896
Macrophage clearance defects
prior to the onset of diabetes in
nod mice.
Supervisor: DIANE FINEGOOD

LORI CUNNINGHAM      M.SC.
Friday, March 18th, 2005
2:00 p.m., ASB 9896
Alterations in the P13-K/Akt
Signalling Pathway with
Progressive Skeletal Muscle
denervation.
Supervisor: WADE PARKHOUSE

KINESIOLOGY STUDENT
ASSOCIATION (KSA)

Thank you to everyone who
participated in the Kin Kup game
recently, both the players and
organizers. The KSA appreci-
ates everyone’s involvement in
making this the first (of many)
Kin Kup events a success.

A recap: The undergrads
jumped out to a 2-1 lead at
halftime with great two-way play
from a myriad of excellent
players. The lead did not hold
however, as the faculty-grad
team, on the backs of solid
goalkeeping by RICHARD WARD
and a multi-goal effort by FABIO
FELDMAN stormed to a 5-2 lead.
JAMES COOPER scored to pull the
undergrads to within two, but
then the faculty-grads shut the
door to become the first team to
capture the new Kin Kup by a 5-3
final. GLENN DAVIDSON and
RICHARD WARD were named
MVP’s from the undergrads and
faculty-grads.

Be on the lookout for future Kin
Kup events, where the faculty-
grad team will put their title on
the line and undergrads (or other
potential challengers) will attempt
to prove that this time was just a
fluke. The Kin Kup is a multi-
sport event so future events may
include volleyball, basketball,
bowling and others.

KINESIOLOGY SEMINAR

JENNIFER SOLOMON
Ph.D. Candidate
Brain Research Lab
School of Kinesiology

TOPIC: The role of
hematogenous cells in a mouse
model of amyotrophic lateral
sclerosis.

DATE: Monday, April 18th, 2005
TIME: 12:30 to 1:30 pm.
PLACE: ASB 9705

Light refreshments will be served

UPDATE ON CAREERS
IN KINESIOLOGY

This year’s Careers in
Kinesiology event was a huge
success! Over 60 students
attended the event held on
March 16th at the Halpern
Centre to interact with
kinesiology industry
professionals Kerry Senchyna
(Kinesiologist and owner of
West Coast Kinesiology), Dr.
Debbie Pollard (Chiropractor),
BRENT GALL (SFU Kinesiology
alumnus and medical student at
UBC), John Shepherd
(Pedorthic Technician and
General Manager of Kintec
Footlabs, Surrey) and ANNE-
KRISTINA ARNOLD (Ergonomist
and SFU School of Kinesiology
lecturer).

The feedback from students and
guest speakers alike was
overwhelmingly positive.
Students especially enjoyed
being able to interact with
experts in a variety of
kinesiology-related fields and
they came away with some very
valuable insights and wisdom
that they will use toward
furthering their education and
career choices. All of the
featured speakers enjoyed
interacting with the students and
were impressed with their
enthusiasm and interest.

Planning for next year’s event is
already underway as the
organizing committee works
toward making the 2006 event
even bigger and better!

dickinso@sfu.ca / lazaro@sfu.ca