It’s good to see – and feel – the sun again! Along with singing birds and budding trees, there is an avalanche of good news. Several of our faculty members have received tri-council funding in recent competitions. GLEN TIBBITS received a renewal of his CHIR funding. MATT WHITE and yours truly were awarded with NSERC funds. MAX DONELAN and SCOTT LEAR were recognized with CIHR New Investigator Awards. Notably, these latter two were the only such awards at SFU. For the sake of comparison, only three such awards were made at UBC. This represents, therefore, a significant achievement for Kinesiology.

Spring has also brought winds of change to SFU. The Phase II Task Force on Academic Structure is busy determining the future configuration of the University, and Kinesiology made a very coherent submission to help guide that process. As part of the submission, the School has decided that it is time to change our name. The proposed new name: School of Biomedical Sciences. The gears of change grind slowly, however, and it will be some time before our vision for the future of our School becomes a reality.

The School has also embraced a new undergraduate program in Behavioural Neuroscience, to be jointly offered with the Department of Psychology. We are considering other new programs, as well as reconfiguring our undergraduate programs to become more consistent with our proposed new name and the research disciplines of our faculty.

Speaking of faculty, JAMES WAKELING will be joining our ranks in September to fill the Biomechanist position that became open when STEVE ROBINOVITCH was awarded his CRC. Dr. Wakeling’s research focuses “how muscle forces and power production contribute to movement, and how the body interacts with external forces.” Dr. Wakeling comes to us from the Royal Veterinary College at the University of London. We are looking forward to his arrival and the added dimension his presence will give our School.

PETER RUBEN

Congratulations to DIANE FINEGOOD who was included in the recent list of Canada’s Top 100 Most Powerful Women. This is a public recognition of her academic research and leadership in the Canadian Institutes of Health Research.

Dr. IRENE ROSSBERG-GEMPTON, Adjunct Professor, received a grant of $11,850 from the First Nations House of Healing. This funding was used to conduct a 9-day wellness program, “Elder’s Rediscovery,” at Tsa Kwa Luten, Quadra Island. Irene, together with her team of Co-facilitators and Elder leaders, was honoured to help First Nations Residential School Survivors in their healing journey through this wellness gathering, held from February 28th to March 9th, 2007.

Congratulations to MATT WHITE who has been awarded a 5-year NSERC Discovery Grant

Welcome to DR. KYONG TAE KIM Visiting Professor from Korea in MATT WHITE’S lab. Dr. Taekim is here to collaborate on projects in human metabolism and thermoregulation.
Welcome to Dr. Mike Koehle, MD, PhD, who is an NSERC funded Postdoctoral Fellow now completing his fellowship in MATT WHITE’s lab.

LuISA GILES, MSc Candidate has accepted a 1-year position as a Research Assistant in the Exercise & Environmental Physiology Lab (supervisor MATT WHITE).

Congratulations to SCOTT LEAR who has been awarded a CIHR New Investigator Award and, separately, a Heart and Stroke Foundation of Canada New Investigator Award.

Congratulations to MAX DONELAN who has been awarded a CIHR New Investigator Award.

ANDY HOFFER’S research was featured in the February 22nd, 2007 issue of SFU News as the next stage of human trials is planned to start for Neurostep. A pacemaker-like device that is fully implanted inside the thigh, Neurostep can restore the ability to walk in people suffering from neurological disabilities such as stroke, multiple sclerosis, spinal cord injury or cerebral palsy. To assist walking movements of the paralyzed leg, the Neurostep senses signals traveling along sensory nerves when the foot contacts the ground and controls the activation of the ankle dorsiflexor muscles. Hoffer and his SFU team pioneered investigational and clinical uses of nerve cuff electrodes, developed specialized amplifiers, patented assistive-device designs and applications, and created, in 1997, a spin-off company, Neurostream Technologies, which in 2004 was bought by Victhom Human Bionics. Hoffer is on Victhom’s Clinical Advisory Board and remains active in Neurostep product development and clinical validation.

DUNCAN MILNE reports that on March 15th, 2007 the School of Kinesiology’s Hypobaric Chamber set a single day personal best by flying 24 pilots in four separate flights to 25,000 feet. Supplemented by an aerospace physiology "ground school" session presented by ANDREW BLABER, the Environmental Physiology Unit’s High Altitude Indoctrination program is recognized by Transport Canada.

PUBLICATIONS


ANDREW BEAUDIN (supervisor MATT WHITE) presented the following at the North West Chapter of the American College of Sports Medicine meeting, February 16th & 17th, 2007 in Seattle Washington: AE BEAUDIN and MD WHITE Effect of water immersion on the normothermic central chemoreflex ventilatory response to hypoxic hypercapnic re-breathing.

CURTIS, CN, WALSH, ML and WHITE, MD. Influence of passive hyperthermia on human ventilation during rest and isocapnic hypoxia. Applied Physiol, Nutr, Metabol (accepted for publication)

ALEXANDROU, E, HERZBERG, GR and WHITE, MD. High-level medium chain triglyceride feeding and energy expenditure in normal weight women. Can J Physiol Pharmcol.


NSERC USRA’S

Congratulations to the following Kinesiology students who have been awarded an NSERC Undergraduate Student Research Award for the Summer of 2007:

KIM POONAM CHEEMA (supervisor STEPHEN ROVINOVITCH)

LADAN DAVALLOW GHAJAR (supervisor GLEN TIBBITS)

HEATHER MORE (supervisor MAX DONELAN)

BRITTENY TURKO (supervisor CHARLES KRIEGER)

DEFENCES

Successfully defended:

GUOBIN SUN MSc Friday, September 15th, 2006 Use of Multi-spectral Autofluorescence in the Detection of Oral Premalignant Lesions with High Risk Molecular Patterns Senior Supervisor: MIRIAM ROSIN Committee: LEWEI ZHANG, CATHERINE POH, AMANDIO VIEIRA
spoke with CBI representatives, a dental student, an ergonomist, a massage therapist and Kintec Foottabs staff members. All students participated in an interactive session with the employers of their choice.

Each student also received a delegate bag loaded with many goodies. They also had the opportunity to win door prizes. Speakers received a travel mug and an SFU notebook for their time and valuable advice.

Special thanks to the School of Kinesiology, Kinesiology Co-op, the Dean of Applied Sciences, SFU Bookstore, Lululemon and Starbucks Coffee for their sponsorship.

MELISSA CHUNG FAT
Project Assistant
Faculty of Applied Science Co-op

KINESIOLOGY SEMINAR SERIES

During January to April, the School of Kinesiology was privileged to hear the following speakers for the Kinesiology Seminar Series. Please check our website for future offerings at:

http://www.fas.sfu.ca:9093/KI NSeminarSeries/

KINESIOLOGY SEMINARS PRESENTED JANUARY TO APRIL 2007

PATRICK MACLEOD, PhD, MD
Fellow of the Royal College of Physicians, Fellow of the Canadian College of Medical Genetics, U Victoria & UBC

Tuesday, January 9th, 2007

TOPIC: What is it about my hands? Rett Syndrome as a movement disorder?

FABISL BEG, PHD
Assistant Professor
Co-Director, Medical Imaging Lab, SFU School of Engineering Science

Tuesday, January 16th, 2007

TOPIC: From images to inferences: Computational instrumentation for Computational Anatomy.

FAISAL BEG, PHD
Assistant Professor
Co-Director, Medical Imaging Lab
SFU School of Engineering Science

Tuesday, January 23rd, 2007

TOPIC: Falls and the Physical Environment

FABIO FELDMAN, PHD CAND
Injury Prevention & Mobility Lab
SFU School of Kinesiology

Tuesday, January 30th, 2007


ALEJANDRA FARIAS-GODOY MSC
Tuesday, April 3rd, 2007
A Comprehensive Event Analysis of the Extensive Lifestyle Management Intervention

SUSAN LEDERMAN, PhD, FRSC
Research Chair Psychology, Computing & Ctr for Neuroscience, Queen’s U

Friday, January 26th, 2007


CO-OP UPDATE

The Kinesiology Student Association (KSA) held the annual Careers in Kinesiology 2007 event at the Halpern Centre on March 14th, 2007. This event gave Kinesiology students the opportunity to talk to various professionals working in different fields to give students a clearer idea about what they can do with their Kinesiology degree. Students
TONY LEYLAND  
Senior Lecturer  
SFU School of Kinesiology  

Tuesday, February 20th, 2007  

TOPIC: Functional Fitness  

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VICTORIA CLAYDON, PHD  
Postdoctoral Fellow  
Int’l Collaboration on Repair Discoveries (ICORD), UBC  

Tuesday, March 13th, 2007  

TOPIC: Pathophysiological mechanisms underlying syncope: insights from the clinic and the mountains.  

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MIRIAM ROSIN, PHD  
Professor  
Cancer Prevention Lab  
SFU School of Kinesiology  

Tuesday, March 20th, 2007  

TOPIC: Cancer prevention in a technological era: A vision for change.  

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SCOTT KELSO, PHD  
Professor of Psychology,  
Biological & Biomedical Sciences  
Florida Atlantic University  

Tuesday, March 27th, 2007  


pruben@sfu.ca / lazaro@sfu.ca  

April 12th, 2007