The CCUPEKA Accreditation Visit (Canadian Council of University Physical Education & Kinesiology Administrators) took place on November 1 & 2, 2012. This was specifically for accreditation of the Active Health Program within the Kinesiology Major in BPK. Ryan Dill, Chair, Undergraduate Program Committee said the visit went very well. The CCUPEKA Team met with the Department Chair, UPC Chair, the KSA (Kinesiology Student Association), the FS Dean, the FS Associate Dean and the VP Academic. They also visited the laboratories in the Department and were taken to SFU Surrey for a visit and tour.

The CCUPEKA Team was very supportive of BPK’s Kinesiology Major program and they are committed to assisting us in maintaining our long-standing accreditation status. Web link: http://www.ccupeka.ca/en/

The Chronic Diseases 2012 Faculty Search Committee has completed interviews. These included seminars presented by the candidates and extensive individual and committee meetings with each candidate. A candidate has now been recommended to the department for a ratification vote. This vote was successful with the recommendation for appointment process now set in motion.

I wish you all the very best during this Holiday Season.

Glen Tibbits

Congratulations to Andy Hoffer, founder of Lungpacer Medical Inc, on winning the silver medal at the World’s Best Technologies Showcase (WBTS) in San Diego on October 26th, 2012. Lungpacer was among 100 emerging technology companies selected to present at the WBTS 2012. The Consulates of Canada in San Diego and Los Angeles sponsored and mentored 27 Canadian companies representing ICT, life sciences, ag/bio, medical devices, cleantech and aerospace/defence. For more information see www.lungpacer.com and http://www.canadainternational.gc.ca/los_angeles/events-evenements/Lungpacer.aspx?view=d

Congratulations to Thomas Claydon who has received a 2012 Dean of Graduate Studies (DGS) Award for Excellence in Graduate Leadership. The DGS Award for Excellence in Supervision is awarded annually to recognize excellence in the supervision of graduate students.

Up to three awards may be made each year, each consisting of a prize of one targeted graduate fellowship (GF) of $6,250 that can be awarded in the following academic year to a qualifying graduate student of their choice.

The recipient(s) receive a plaque, and his/her name is inscribed on a plaque in the Dean of Graduate Studies Office.

Congratulations to Iris Lesser (Supervisor, Scott Lear) on being awarded the Hari Sharma Annual Graduate Award in the amount of $10,000. Iris is a PhD student and her thesis topic is “to assess the effectiveness of a standard and a culturally relevant exercise intervention on body fat and cardiovascular risk in post menopausal South Asian women.”

The purpose of the Dr. Hari Sharma Foundation Annual Graduate Scholarship is to recognize and reward an outstanding student pursuing a graduate degree, whose field of study is of benefit to the South Asian community and pertains to South Asian history, culture, politics, or diaspora. http://www.sfu.ca/dean-gradstudies/awards/privateawards/all-awards/HariSharma.html

Congratulations to John Corlett, PhD Kinesiology & MSc Kinesiology, Simon Fraser University, on the following appointment announcement: http://www.uwinnipeg.ca/index/uvw-news-action/story.354/title.-john-corlett-named-uwinnipeg-vp-academic

The Board of Governors of MacEwan University, Edmonton is pleased to announce the appointment of Dr. John Corlett to the position of Vice-President, Academic and Provost effective March 1, 2013. Currently the vice-president, academic and provost at the
University of Winnipeg, Dr. Corlett has maintained an active research agenda during his academic and administrative career, and has published more than 50 peer-reviewed journal articles.

Dr. Corlett holds a PhD in Kinesiology and a Master of Science, Kinesiology, both from Simon Fraser University. Prior to his appointment at the University of Winnipeg, he was professor and dean, Faculty of Applied Health Sciences, Brock University. Previously, he held academic appointments at the University of Windsor, University of Botswana and the British Columbia Institute of Technology.

MacEwan University is pleased to welcome Dr. Corlett. His experience as an accomplished academic and administrator will bring important academic leadership to the university during these exciting times of growth and change. www.MacEwan.ca

**FIRST INTERNATIONAL WORKSHOP ON BALLISTOCARDIOGRAPHY & SEISMOCARDIOGRAPHY**

This workshop is being held December 11th-15th, 2012 in the Aerospace Physiology Lab.

Ballistocardiography & Seismocardiography are old techniques for measuring the mechanical performance of the heart. New technological advances have provided for new opportunities to use these old techniques for monitoring patients on Earth and astronauts in Space.

This development has recently generated much research activity around the world; however, this diversity of researchers, interests and backgrounds has also resulted in an ambiguity in terminology and technical definitions.

The goal of this FIRST international workshop in the field is to bring together as many of the most prominent researchers of the field as possible in order to record signals simultaneously and think of standardization of definitions and annotations of these signals.

SFU has been active in this particular field since 2005 and as a young university supports and promotes multidisciplinary research. As such we are happy to bring together esteemed scientists from around the world to provide a fresh engaged and innovative environment for the future development of Ballistocardiography & Seismocardiography.

Organized by: **KOUHYAR TAVAKOLIAN** (kouhyart@sfu.ca) and **ANDREW BLABER** (ablaber@sfu.ca).

**FACULTY, ADJUNCTS, GRADUATES, POST-DOCS**

Prof. **STEVE ROBINOVITCH** (Injury Prevention and Mobility Lab) reports that he and co-workers published an 8-page article on October 17th, 2012 in the top-ranked medical journal, *The Lancet*, titled "Video capture of the circumstances of falls in elderly people residing in long-term care: an observational study." Co-lead author on the study was BPK Adjunct Professor **FABIO FELDMAN** (PhD, 2008). Co-authors include two BPK graduate students (**YIJIAN YANG** and **MING LEUNG**) and one BPK undergraduate student (**REBECCA SCHONNOP**).

Falls are the leading cause of injuries and deaths due to injury in older adults. The article provides insight on the causes of imbalance, and activities leading to falls, based on video capture and analysis of 227 falls experienced by 130 residents in two long-term care facilities.

**FABIO FELDMAN**, BPK Adjunct Professor, and Manager, Seniors Fall & Injury Prevention, Older Adult Program, Fraser Health Authority, shares this Nov 7th, 2012 press release:

"SAFETY SUPERHEROES HELPING GRANDPARENTS DURING SENIORS FALLS PREVENTION AWARENESS WEEK"

BURNABY – Each year, thousands of seniors are taken to hospitals because of injuries sustained during a simple fall. About half of these falls happen in their own homes while performing normal activities such as getting up from a chair or bed, going up or down stairs, reaching for something, or going to the bathroom. The good news is that falling can be prevented, and the whole family can get involved.

**Safety Superheroes: Preventing Grandparents from Falling** by Crystal J. Stranaghan, Izabela Bzymek and FABIO FELDMAN

"Safe for Seniors, Safe for All" is an intergenerational falls prevention project using the book, "**Safety Superheroes**," as a teaching tool. This book is a great resource for encouraging and teaching about intergenerational fall prevention.
A senior volunteer visits local schools and uses the book to discuss fall prevention practices. The students are given a “Safety Superhero” checklist to complete at home and return to the school, and become a “Safety Ambassador” for their family.

The project is hosted by the Burnaby Fall Prevention Society, and is supported and funded by the Seniors Falls and Injury Prevention program at Fraser Health and by the Government of Canada under the New Horizons for Seniors Initiative.

Laura Dewar of the Molecular Cardiac Physiology Group Lab (Glen Tibbits, Supervisor) reports that she did a presentation at the Canadian Cardiovascular Congress in Toronto on October 29th, 2012 entitled "Current practices regarding the investigation of sudden unexpected death in the young (SUDY) in Canada".

From SFU News:
For the past two years, French biomedical engineer Carole Leguy (Post-doctoral Fellow with Andrew Blaber) has been working at the German Aerospace Centre (DLR), trying to unravel the effects of space flight on blood-pressure regulation. It’s an important research topic, she says, because astronauts returning to Earth are unable to regulate their blood pressure, leading to fainting spells and an inability to stand upright. The condition may last for several days depending on the length of their mission.

To further her research, Leguy arrived at SFU in September on a $280,000 Marie Curie International Outgoing Fellowship. She’ll spend two years researching the problem with kinesiologist Andrew Blaber, a space cardiovascular physiology expert, before completing the final year of her fellowship at DLR.

Leguy, who earned her PhD at Eindhoven University in the Netherlands, didn’t plan on a career involving the space program but says, “Space physiology is fascinating. You’re going to the limits of the body’s physiology so that you can understand more about physiological phenomena.”

Since arriving at SFU, Leguy has learned some new techniques for measuring blood pressure and analyzing its regulation. She says her two years at SFU also give her the opportunity to build a new network of colleagues and generate new ideas for collaborations to help her establish her own research lab when she returns to Europe.

http://www.sfu.ca/sfunews/stories/2012/curie-fellow-tackles-space-research.html

BPK Co-op Corner

Career Event

The annual Careers in Biomedical Physiology and Kinesiology event will take place on

CAREERS IN BPK
Wednesday, January 23rd, 2013
5:00 to 8:00 p.m.
Saywell Hall

Employers and alumni will be on-campus to talk with undergraduate and graduate students about their personal career paths. This event will again correspond with the Faculty of Science student-led "Geek Week," as will the BPK Research Day

Tuesday, January 22nd, 2013

BPK "W" Designation for Co-op:

In November 2012 Dr. Richard Ward and Anne-Kristina Arnold's proposal for BPK to offer a "W" designation option for KIN 451 passed through the Senate Committee on Undergraduate Studies (SCUS).

KIN 451 is the third course in a series of practicum (experiential learning) courses that BPK students can take towards earning a Co-operative Education Certificate (completion of three co-op work terms) or a Degree Designation (completion of four co-op work terms).

We are excited about the possibilities that this new course has to offer our students and look forward to its first offering this coming Summer 2013.

BPK USRA Competition

The BP K co-op office will again be coordinating the USRA competition for the department.

In 2011, 31 students competed for these awards. In 2012, we saw the number of undergraduate applicants rise to 50. In anticipation of another good competition, we are hosting two Undergraduate information sessions

December 13th, 2012
January 11th, 2013

so that undergraduate students can learn more about how to get involved in research opportunities within our department.

submitted by D. Bemister and C. Fiedler

Newcomers

Amarisa Hui-Yi Lai, 7 lbs 10 oz daughter born to Maggie Yeung (Financial Assistant) and Johann Lai on October 27th, 2012.
CTV News granted me ‘two minutes of fame’ with its transit commute story recently. I was interviewed and the cameraman rode along on my old commute from Langley to SFU, travelling for 90 minutes through four municipalities along the way (Langley, Maple Ridge, Coquitlam and Burnaby). Then on Monday, December 3rd the cameraman again rode along with me, this time on my new commute, boarding the 555 Express Bus from the newly opened Carvolth Exchange in Langley, travelling over the new Port Mann Bridge to the Skytrain at Braid Station in New Westminster, riding the Skytrain for two stops to Production Way, and then heading up to SFU via the 145 Production Way bus. It was an amazing 45 minutes, halving my commute time!

Fame is fun but also somewhat unnerving when the news link is posted not only on Facebook but also on international TV news stations, resulting in phone calls from family in Edmonton and as far away as the Philippines! I hope the positive press will (at least) encourage more students from ‘way out there in the valley’ to attend SFU, and by extension head straight into the best program offered, naturally none other than BPK.

MARIANNE LAZARO
Chair’s Secretary

Merry Christmas
Happy Hanukkah
Happy Holidays
and
Happy New Year!