Welcome to all our new and returning undergraduate and graduate students! Please join us for our Welcome Back BBQ on Tuesday, September 20th, 2011 so that we can meet you.

Be sure to join the BPK Team for the Terry Fox Day Walk/Run on September 21st, 2011. Not only is it a great way to remember Terry Fox and help raise funds for the Terry Fox Foundation, this is also a fun opportunity to get to know other BPK faculty, staff and students while walking/running together.

Our 3rd Annual BPK Research Day for all graduate and undergraduate students will be held on Tuesday, September 29th, 2011. This is your chance to find out about research happening in the various BPK labs, plus present a talk or poster to your colleagues.

I am also delighted to invite you to the new CIHR-funded discussion series presented by the BPK Department and the Faculty of Science, Café Scientifique @ Surrey. This 5-part series features discussions on health topics by faculty experts in BPK (see below for details).

Congratulations to James Wakeling who recently was granted tenure and promotion to Associate Professor.

Glen Tibbits

Learn more about the amazing research going on in the BPK department!

◊ Research in movement, physiology and health in BPK
◊ What your undergraduate colleagues have been working on in the lab
◊ What scientific research is all about

All Graduate and Undergrad students are welcome to attend! If you have further questions, please e-mail Susie Nugent at snugent@sfu.ca or Dr. Tom Claydon at twc5@sfu.ca

Terry Fox Day Walk/Run for BPK
September 21, 2011

Terry Fox Day at SFU will be held on Wednesday, September 21. The purposes of the event are: (1) to celebrate the memory of Terry Fox, who was an SFU Kinesiology student; (2) to raise money for the Terry Fox Foundation to help find a cure for cancer, and (3) to enhance community spirit at SFU.

Events Scheduled: 11:40 a.m.: Brief ceremony in Convocation Mall when SFU President Petter will present a gold medal and a plaque to the 2011 Terry Fox Gold Medal winner, Casey Ruff, who is a BPK student! Please go to
www.sfu.ca/terryfox/ceremony.html to read Casey’s biography.

11:45 11:55: A brief warm-up led by SFU Fitness Instructors begins. After this the President will invite the walk/run participants to follow the Piper to the Terry Fox Statue where the 4.4 km run and 2.8 km walk will begin. Participants can either walk a 2.8 km course or run a 4.4 km course

Please go to the SFU Terry Fox Day website for details on all aspects of Terry Fox Day: www.sfu.ca/terryfox

CRAIG ASMUNDSON, as captain of the BPK team, invites all BPK undergraduate and graduate students, faculty, and staff to participate!

Please register for the event by Tuesday, September 20 at 4:00 pm at www.sfu.ca/terryfox. Go to the online registration form. Answer “Yes” to the question “Do you wish to be part of a team?” Our team name is BPK.

IMPORTANT: Participants should register online if they want to be counted in the final tally for our team for the largest team award, and towards SFU’s overall participation count.

Fundraise for the Terry Fox Foundation as a member of the BPK team by going to the SFU Terry Fox Day website at www.sfu.ca/terryfox Select DONATE and follow the instructions.

Alternatively, you can make an in-person donation at the event on September 21 on behalf of the BPK team at donation tables in Convocation Mall from 11:15 to 1:30 pm.

Many volunteers are needed on September 21 to make this event successful. Select Get Involved on the SFU Terry Fox Day website or contact terryfox-volunteer@sfu.ca

Volunteers will officially count as members of the BPK team, if they register as team participants at the Terry Fox Day website as per above.

BPK team members should meet in Convocation Mall in front of the main entrance to the Library by 11:30 a.m. for a team photograph.

This year is the 31st anniversary of Terry’s Marathon of Hope run across Canada. It would be great to see a huge BPK turnout at the walk/run! The BPK team, formerly called the Kinesiology team, won the award for the team with the largest number of participants from 2001-2004, and from 2008-2010. We are the defending champions! We need you to participate in the walk/run event in order to retain our title as the team with the largest number of participants!

Last year, we were the number three fundraising team at SFU. We have been the number one fundraising team in a number of past years. Let’s be the number one team for fundraising again this year! Our team goal is to raise $2000 for cancer research.

Come out on September 21, get some exercise, have fun, meet fellow BPK students, faculty and staff, and celebrate the memory and legacy of Canada’s greatest hero, Terry Fox!

Café Scientifique
Café Scientifique is a concept used around the world to describe an informal discussion, rather than a public lecture, between researchers and members of the community. The Cafes usually take place in a pub or café. In our series, speakers will discuss their health-related topic for approximately 20 minutes. In the case of two speakers at a Café, each will talk for approximately 15 minutes. A discussion with the audience will ensue for about 45 minutes. Smaller breakout group discussions will also be encouraged as the evening wraps up.

Venue:
Central City Brew Pub
13450 - 102nd Avenue
Surrey, BC, V3T 5X3
www.centralcitybrewing.com

Schedule:

Wed Oct 19, 2011 7:30–9:00 PM
Are You at Risk? Ethnic and Environmental Determinants of Heart Disease

Wed Nov 9, 2011 7:30–9:00 PM
Big Food Companies: Friend or Foe in the Fight Against Obesity and Chronic Disease?

Wed Jan 18, 2012* 7:30–9:00 PM
Prevention of Falls and Mobility Impairments in Older Adults: from Lab to Life (*to be confirmed)

Wed Feb 8, 2012* 7:30–9:00 PM
How Does Salt and Blood Pressure Affect Kidneys in People with Diabetes? (*to be confirmed)

Wed Mar 7, 2012* 7:30–9:00 PM
Genetics of Sudden Cardiac Death (*to be confirmed)
BPK has a Senate-approved undergraduate program entitled Exercise and Nutrition in Health and Disease (ENHD), to be offered at the SFU Surrey campus. With an underlying goal of seeing this program come to life, DIANE FINEGOOD was appointed to lead the BPK Surrey Initiative Committee. The committee has been meeting monthly on average since May and has clarified their vision and values, reviewed teaching plans and use of space at Surrey campus as well as provided feedback on a proposal for an institute entitled Community Health Solutions (CHS).

The institute proposal, was developed by DIANE FINEGOOD and SCOTT LEAR, and involves creating a vibrant research environment as well as a unique experiential learning opportunity for students while engaging community members. The proposal has recently been sent to the Senate Committee on University Priorities and Diane and Scott have begun to liaise with key partners in the Surrey community.

This semester Diane is offering a “Coordinated” Directed Studies opportunity. Three students have taken up the challenge and will help to lay the foundations for ENHD and CHS by engaging in a novel experiential learning exercise.

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**OCTOBER CONVOCATION**

BPK Graduands Ceremony
to be held onFriday, October 7th, 2011at 2:30 p.m.

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**DEFENCES**

Successfully defended:

**OLLIE BLAKE** MSc
June 14th, 2011
"Muscular and Mechanical Efficiency in Cycling"
Examinining Committee:
Dr. THOMAS CLAYDON, Chair
Dr. JAMES WAKELING, Senior Supervisor
Dr. MAX DONELAN, Supervisor
Dr. DAVID SANDERSON, UBC
School of Human Kinetics, External Examiner

**CSILLA EGRI (Horvath)** MSc
June 16th, 2011
"C121W: A thermosensitive Sodium Channel Mutation"
Examinining Committee:
Dr. GLEN TIBBITS, Chair
Dr. PETER RUBEN, Senior Supervisor
Dr. THOMAS CLAYDON, Supervisor
Dr. HARLEY KURATA, UBC
Department of Pharmacology and Anaesthesiology, External Examiner

**CORAL-ANN LEWIS** PhD
August 12th, 2011
"Investigations into the Accumulation of Haematopoietic Cells in the Spinal Cord in a Murine Model of Motor Neuron Disease"
Examinining Committee:
Dr. ANGELA BROOKS-WILSON, Chair
Dr. CHARLES KRIEGER, Senior Supervisor
Dr. FABIO ROSSI, UBC
Department of Medical Genetics, Supervisor
Dr. NEIL WATSON, Supervisor
Dr. MIRIAM ROSIN, Internal Examiner
Dr. KATARINA DOROVINI-ZIS, UBC Department of Pathology and Laboratory Medicine, External Examiner

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**PUBLICATIONS**


**Book Chapter:**

**ALISON YUEH Li, JAEYONG LEE, DOMINIKA BOREK, ZBYSZEK OTWINOWSKI, GLEN F. TIBBITS, and MARK PAETZEL.** Crystal Structure of Cardiac Troponin C Regulatory Domain in Complex with Cadmium and Deoxycholic Acid Reveals Novel Conformation. Accepted to Journal of Molecular Biology. Available online Sept 6th, 2011 at:
Accepted for publication: Proton modulation of the cardiac voltage-gated sodium channel, NaV1.5 JONES, DK, CH PETERS, TW CLAYDON, PC RUBEN. Biophysical Journal.

**CO-OP CORNER**

**Recent BPK Co-op Stats**

Participation in the BPK co-op program is growing. One indicator is the Co-operative Education Program application process, which went online in the fall of 2008. Since this time, BPK Co-op has seen the yearly number of applications increase by 53%. Historically, BPK co-op averaged 62 co-op applications per year. Since moving the application process online, we are averaging 95 applications per year. We are excited about this increase translating into more experiential learning opportunities for BPK students and increasing community partnerships.

The strong interest in co-op by BPK students is above the campus average. At graduation, approximately 45% of students from the BPK department have participated in the co-op program. This is above the average co-op participation rate for all SFU undergrad students.

BPK Co-op Placements have remained strong, despite a small dip in placements during the economic downturn in 2008-2009. Comparing semester placement totals over the past year shows an increase of placements of 7% increase for the Spring term, a 9% increase for the Summer term, and a 31% increase for the Fall semester.

The BPK Co-op team strives to meet the needs of the increasing number of BPK co-op students. If you are aware of any opportunities, please be sure to let us know!

DARLEEN BEMISTER