DIRECTOR’S CORNER

From June 1st, 2000 JIM MORRISON and I have been officially Co-directors of the School of Kinesiology. Jim is on holiday at the moment and when he returns the process of handing over to him will begin. My term as Director ends officially on August 31st, 2000 but I will be taking off before that for some holiday. In the meantime, I hope to be able to share all important decision-making with Jim. When he returns, therefore, I should appreciate it if when you e-mail me with questions or information or opinions that you copy these to Jim, too.

Many of you will already have heard that the proposal to establish an Institute of Health Research and Education was approved by the Senate and will be voted upon at the Board of Governors. Subsequent steps include the determination of membership of the Institute, the establishment of a search committee to appoint the two associate directors, the creation of a steering committee, the establishment of a search committee for the position of director and the establishment of an advisory council. I have been asked, along with others on the Health Initiative committee, to suggest how membership in the Institute should be established. My preliminary recommendation is that quite simply all faculty in the University should receive an e-mail inviting them to become members and accepting all of those who express interest. Should you have any dissenting view on this, please let me know.

John Dickinson, Co-Director
Jim Morrison, Co-Director

CONVOCATION

Congratulations to the following graduating Kinesiology Majors. Special congratulations to DEAN BELWAY who was selected as the Faculty of Applied Sciences nominee for the Shrum Medal. The Reception held for Kinesiology graduates after Convocation was well-attended and enjoyed by all. Thanks to LAURIE KLAK for coordinating the reception.

October 1999 Convocation
MSc Graduates
Warren Fieldus
Farhad Sedarat
Rob Woskosky
Xiao-hua Xu

BSc Graduates
Amit Arya
Brent Bishop
Anne Brisbois
Karim Brown
Janice Cheung
Celia Coelho
Christopher Conklin
Binh Du
Brent Gall

Gurpreet Gill
Branwen Hide
Courtney Humphries
Michael Kennedy
Elizabeth Kinsel
Shereen Kumar
Anna Law
Jonathan Louie
Neil McClenaghan
Crystal Nguyen
Joon Park
Rebecca Seto
Kristiana Siegler
Roy Sillitoe
Cristina Sutter
Nancy Uppal
Paul Vilhena
Marie Wheelhouse

June 2000 Convocation
PhD Graduates
Michael Gaetz
K-J Jantzen
Yan Wang

MSc Graduates
Paula Fohit
David Franklin
Mark Lipsett
Regan Mandryk

BSc Graduates
Graham Archer
Hidayet Arslan
Michelle Astell
Petr Balcar
Daniel Baldwin
Ann Bangah
Dean Belway
Susan Budiman
Hsuan Chen
Sandra Chesworth
Chapman Cheung
Carla Clarke
Tami Coghill
Congratulations to LAURIE KLAK on her 25 years of service to the University.

Congratulations to CRAIG ASMUNDSON on his 25 years of service to the University.

The BC Foundation for Prostate Disease, of which CRAIG ASMUNDSON is the Vice-President, had its second annual "Do It For Dad" Walk/Run for prostate cancer at Burnaby Lake on Sunday, June 11. Craig was Chair of the Organizing Committee for the event. There were 85 volunteers, 55 entertainers, and 524 participants, up 60% from last year, in spite of the weather on Sunday not being the greatest. The run raised a profit of approximately $35,000. This money will be used to fund a research project which has been identified, to increase public awareness of prostate cancer, and to fund the operation of prostate cancer support groups.

Congratulations to REGAN MANDRYK on her NSERC Postgraduate Scholarship, valued at $19,100. Regan was featured in a Convocation article in Simon Fraser News, June 15, 2000.

ANDY HOFFER, presently on Study Leave, reports that NeuroStream Technologies, the SFU spin-off company that he founded, has signed a $1M investment agreement with the Business Development Bank of Canada and jointly with the Working Opportunity Fund. The first tranche investment of $500,000 was received this week and the second tranche will follow the completion of specified business and research milestones.

At this point, the Company's nerve cuff technology is protected by six exclusively licensed U.S. patents and three additional patents that have been recently filed. The new funding will allow NeuroStream to move into the next phases of R&D as well as develop the Company and its first commercial products.

Dr. Henry Geraedts will become the new Chief Executive Officer effective on June 15, with ANDY HOFFER remaining as President and Chief Scientific Officer. NeuroStream presently has a staff of five and will be hiring additional staff in the next months. Most of the Company's basic research on nerve cuffs and assistive devices for paralyzed or neurologically impaired people is currently being carried out in the Micromachining Facility, as per a License of Occupation Agreement with SFU. The planned new business activities will be housed in a new off-campus location. NeuroStream has signed an agreement with
an ISO 9001 compliant facility who will fabricate the devices to be implanted in patients and the Company is currently in negotiation with intended partners to jointly test nerve cuff-based systems in volunteers as required for approval by the FDA.

On June 18-21, ANDY HOFFER, Henry and KLAUS KALLESØE, the Company's Chief R&D Engineer, will be attending the International Functional Electrical Stimulation Society annual meeting to be held in Aalborg, Denmark, where NeuroStream will for the first time display its technology and products as a commercial exhibitor. Following the IFESS meeting Andy will also co-chair the V Triennial Neural Prostheses Conference to be held in Tversted, Denmark on June 21-23.

YANQING WANG presented, "The role of contextual haptic and visual constraints on object manipulation in virtual environments" at the Association for Computing Machinery Computer-Human Interaction Conference in Amsterdam, in April. Co-author: CHRISTINE MACKENZIE.

Colin Swindells (Co-op Eng.Sci student) presented "A Temporal Lag Diagnostic for Virtual and Augmented Environments" at the IRIS3/PRECARN meeting in Montreal, in May. Co-author: CHRISTINE MACKENZIE.

CHRISTINE MACKENZIE presented "Hierarchical decomposition of goal-directed activity: a valuable research and investigative tool for minimally invasive surgery" at the 7th World Congress of Endoscopic Surgery in Singapore, in June. Co-authors: CAROLINE CAO, JENNIFER IBBOTSON and ALAN LOMAX

Diabetes Research Laboratory MSc student CHERYL McDONALD received 1st prize for her poster presentation on a model of insulin secretion at the recent Mathematics for Information, Technology and Complex Systems Network Centre of Excellence Annual General Meeting in Toronto (June 4-7).

Cheryl also recently had a paper titled "Minimal-Model Estimates of Insulin Sensitivity are Insensitive to Errors in Glucose Effectiveness" accepted for publication in the Journal of Clinical Endocrinology & Metabolism.

PhD student BRIAN TOPP also presented a paper at the MITACS meeting in Toronto and a second poster titled "Contribution of Reduced Glucose-Stimulated Beta-cell Replication In Vivo to the Pathogenesis of Type 2 Diabetes in the Zucker Diabetic Fatty Rat" at the Annual Meeting of the American Diabetes Association in San Antonio, Texas (June 9-13).

Postdoctoral Fellow BRONWYN O'BRIEN was recently awarded a Juvenile Diabetes Foundation International Fellowship. Bronwyn also presented her work titled "Beta-Cell Apoptosis in the Neonatal BioBreeding Rat" at the American Diabetes Association Meeting.

MICHAEL GAETZ, DAVID GOODMAN and HAL WEINBERG have had their paper, "Electrophysiological Evidence for the Cumulative Effects of Concussion" accepted for publication in Brain Injury.

Additional May News Items:
In May, AMANDIO VIEIRA attended a meeting in Uppsala, Sweden related to metabolism and oxidative stress. He established collaborative projects with other participants dealing with cellular nutrient transporters and oxidative stress in aging.

In May, DIANE FINEGOOD and post-doctoral fellow BRONWYN O'BRIEN attended the Diabetes Endocrinology Research Center Symposium at the University of Washington in Seattle. Diane presented two talks on "Neonatal beta-cell Apoptosis: A trigger for T1DM" and "Apoptosis in T2DM." Bronwyn presented a talk titled "Morphologic Criteria and Problems." Bronwyn also presented a poster on beta cell death in the neonatal bio breeding rat at the North West Islet Club Meeting in Seattle this past May 15th, 2000.

Graduate student JACQUI TRUDEAU presented a talk entitled, "Direct visualization of a highly diabetogenic CD8+ T cell population in a model of autoimmune diabetes." at the American Association of Immunology meeting in Seattle, May 12-16, 2000 and she also presented a poster at that meeting.

**DEFENCES**

**Successfully Defended:**
RICK HALL MSc
May 26th 2000
Title: Design of a Force-Sensing Glove for Ergonomic Evaluation

Please submit your news items to: dickinso@sfu.ca / lazaro@sfu.ca