Let me start by wishing everyone a Happy New Year! You will notice that this edition of the Kines Newsletter is a semesterly one. Since this is the end of my first semester as Director, I have been very busy getting to “know the ropes,” and hence, was not able to put out a newsletter last semester.

First, of all, congratulations to DIANE FINEGOOD, on her recent appointment as a scientific director of the Canadian Institutes of Health Research (CIHR). Diane is among 13 Canadian scientists chosen to lead the federal government’s newly established network of virtual health institutes. As described below, Diane will lead the Institute of Nutrition, Metabolism and Diabetes.

The School of Kinesiology is fortunate to have one of it’s faculty members appointed to such a prestigious position. This will certainly increase our research profile in a most beneficial way. On behalf of the School, we wish Diane every success in her new role. As this is a full-time research/administration position, the School will receive funding in order to appoint a faculty replacement for Diane.

“SFU Kinesiology professor and diabetes expert DIANE FINEGOOD is among 13 Canadian scientists chosen to lead the federal government’s newly established network of virtual health institutes.

Created by the Canadian Institutes of Health Research (CIHR), a federal agency funding health research, the 13 institutes are not centralized “bricks and mortar facilities.” Electronically linked, they are responsible for specific areas of health research.

The network encourages researchers, volunteer health organizations, government and other partners to collaborate on shaping the future of Canada’s health research agenda. The network is also tasked with translating its research findings into practical health care solutions. The network brings together university scientists from a multitude of backgrounds. They are collaboratively studying four areas of health research: biomedical, clinical, health services and populations health.

As one of the newly appointed scientific directors of the 13 virtual health institutes, Finegood will lead the Institute of Nutrition, Metabolism and Diabetes. The institute is researching causes, prevention, screening, diagnosis, treatment, support systems, and palliation for a wide range of conditions and problems associate with hormone, digestive system, kidney and liver function. The institute’s research also supports health discoveries aimed at improving diet, digestion, excretion and metabolism.

Finegood is charged with developing national research initiatives for her institute, spanning the full spectrum of the CIHR’s health research mandate. Other responsibilities include forging and nurturing strategic partnerships with the public, private and volunteer sectors; and fostering translation of research outcomes into improved health.

Finegood is the director of a research network receiving $2.7 million in funding from the Juvenile Diabetes Research Foundation and the CIHR. She is the lead investigator on one of six key projects aimed at finding a cure for diabetes and preventing the disease in people with a high risk of developing it. The award-winning scientist is researching the earliest stages of the immune system’s attack on insulin-making beta cells in people with type 1 diabetes. The author of 70 peer-reviewed articles and book chapters, Finegood’s research crosses many disciplines, including integrative physiology, cell biology, mathematical modeling, metabolism, immunology and nutrition.

The virtual health institutes’ scientific directors will manage their institutes from within their home institution. They will be guided by advice from their Institute Advisory Board and the research community.

CIHR recently replaced the Medical Research Council (MRC) as the major federal agency responsible for funding health research in Canada. Its expanded mandate includes setting the overall strategic direction, goals
and policies of its 13 virtual institutes. The CIHR’s annual budget of $402 million will rise to $533 million next year.

### 3-Year Future Plan for Kinesiology

The School has just completed its first 3-Year Plan of the new millennium. While recognizing that this leaves another 997 years unplanned, it does provide a starting point. The plan includes a number of new initiatives in line with the University’s goal to expand into the areas of health research and information technology. It is expected that these developments will be mainly at the post-graduate level. It will also be dependent on the ability of the School to gain new faculty and laboratory space. At the undergraduate level, we are planning to revise our areas of concentration (i.e. undergraduate streams) and to include this information on students’ transcripts, and to strengthen our Co-op Program. We will also be introducing new technologies to our undergraduate teaching. This will include more web-based courses such as our Certificate for Applied Human Nutrition which is now available completely on-line, developing more computer based laboratory modules, and upgrading our website to include course materials on-line, more information on the structure of our program with links to Calendar information, and a new site for academic advising. If anyone wishes to view the 3-Year Plan, it is available from Marianne in the Director’s Office.

### Faculty, Adjuncts & Grad Students

Welcome to STEPHEN ROBINOVITCH, new faculty member since July 1st. His research focuses on the biomechanics of mobility, falls, and osteoporotic fractures in the elderly in his Injury Prevention and Mobility Laboratory. The mission of Stephen’s research is to improve the quality of life for elderly individuals by enhancing understanding of the cause and prevention of age-related changes in mobility and risk for fall-related injuries. Research projects are currently funded by grants from the U.S. National Institutes for Health (NIH) and Centers for Disease Control (CDC), and a President’s Research Grant from SFU. Students interested in potential research opportunities should call 291-3566.

Welcome to SCOTT LEAR who commenced a two-year Lectureship appointment September 1st, 2000. Scott has a B.Sc. Kinesiology and is presently working towards a Ph.D. in cardiovascular rehabilitation at UBC and St. Paul’s Hospital. Scott will be teaching our cardiac rehab courses, Kin 444 and Kin 445, as well as other course offerings in the area of fitness and health. At the moment, Scott is a 50% time appointment, and will move to full-time upon completion of his Ph.D. thesis work.

Welcome to RYAN DILL who began a one-year Lectureship appointment on January 1st, 2001. Ryan has an M.Sc. Kinesiology degree and has been working as a sessional instructor in the areas of nutrition, exercise management and physiology. In the Spring semester, Ryan will be team-teaching Kin 205 with PARVEEN BAWA, and teaching Kin 143.

DAN ROBINSON, Sessional instructor, is no longer with the Ergonomics and Human Factors Group at BC Research. He has established his own consultancy company, Robinson Ergonomics Inc. and can be reached there at 945-3723. Congratulations and best wishes, Dan.

### Undergrad Students

Congratulations to ANDREA HOLLEBASKEN who was a recipient of the Dr. Gordon L. Diewert Memorial Scholarship for the Fall 2000 semester.

### Staff

Congratulations to LAURIE KLAK on 25 years of service to Simon Fraser University. At our December Christmas Luncheon, Laurie was presented with her gift from the University.

Welcome to GARY SHUM who has joined our technical staff. Gary has a B.ASc in Engineering Science from SFU, and he will be assisting faculty with the selection, integration and maintenance of electronic systems, instrumentation and computers. Gary replaces our previous Electronics Engineer, STEPHEN STEWART.

### October Convocation

Congratulations to the following October 2000 graduates in the School of Kinesiology:

**M.Sc. in Kinesiology**
- Rick S. Hall
- Paul J. Stotz

**B.Sc. in Kinesiology**
- Ashdin T. Sasidharan (Honors)
- Ninh C. Tran (Honors)
- Douglas A. Ashley
- Bobby R. Bath
- Laura A. Burke
- Donald B. Carmichael
- Shawn N. Chaikin
- Stephen Dang
- Roy S. Falsetto
- Jason Faulkner
- Alexandra C. Foldes
- Sarah J. Glen
- Stephen Grimmett
- Irene F. Gutteride
- Calum J. Hughes
- Seunghee Jung
- Nikki L. Kassel
This fund was established in 2000, and is supported by many contributions from former students of the School. Award disbursements shall being when the principal of the Endowment Fund reaches $20,000. Bursaries will be awarded annually in any semester and granted on the basis of demonstrated financial need and satisfactory academic performance to students in the School of Kinesiology, and Alumni Scholarships will be awarded annually in any semester and granted on the basis of academic performance to students in the School of Kinesiology. The awards will be made by the Senate Undergraduate Awards Adjudication Committee.

Recent Publications


Co-op Program

As of December 8th, SOPHIE DUNBAR has left the Kines Co-op office to start her maternity leave. Special thanks to Sophie for doing such a great job with the Co-op program over the last several months. She made excellent contributions all around. Her input and professionalism was greatly valued by both employers and students. We all wish her well with the pending arrival of her new baby. We will keep you posted on any new developments there.

DARLEEN HEISLER is back in the Kines Co-op Office full-time as of December 11th and she is looking forward to a busy Spring semester, in preparation for the Summer placements. If you would like to accompany her on a co-op student work site visit, please let her know. She would be happy to make those arrangements and show you what our students are doing on the job. Great News for Co-op! NANCY JOHNSTON was the successful candidate for the full-time continuing position of Director of Co-operative Education at SFU. Nancy, as many of you know, started with SFU in '87 when she worked for Co-operative Education in the Faculty of Applied Science with Kinesiology Co-op and Computing & Math Co-op. The Kinesiology program has grown by leaps and bounds since those early days, mostly due to the solid foundation that Nancy laid for the program. Her hard work and dedication to Kinesiology Co-op will be missed, however, it is really great news for all of Co-op to have her heading up the entire program. Thank you Nancy for your many years of dedication to a program that we all know you love and care so much about.

AUSTRALIA CONNECTION
For a number of years the Kinesiology Co-op office has had an on-going relationship with the University of Ballarat in Australia. We have been sending students to work with a recreation employer called Leisure Management Marketing. All of the students that have gone "down under" have
loved the experience and we are thankful for the opportunity that it provides them. We currently have four students working there now. Thanks to Sophie’s hard work, we were able to make arrangements for the first time to have one of the University of Ballarat students come our way. In early January, GEORGE ELIAS will be joining the School of Kinesiology. He is a graduate student from the University of Ballarat and will be Teaching Assistant for Kines 143. He will also be volunteering for the Physiotherapy Clinic on-campus and working part-time for SFU Fitness in the Department of Recreation. By the way, George is looking for a place to stay. If you know of anything, please email him directly at g.elias@visto.com

Seminars

The Centre for Systems Science, together with the School of Kinesiology, presented two seminars by DR. FRANK TENDICK, Depts. of Biology, U of California-Berkeley & Surgery, U of California-San Francisco:

(1) “Human-Machine Interfaces for Minimally Invasive Surgery,” given December 11th, 2001 at 3:30 in AQ 4140, and


Thank you to CHRISTINE MACKENZIE for arranging these seminars.

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