A Taste of Technology

NOVEMBER 16-17, 2006

LOCATION:
Dr. Bill Black Auditorium
Glenrose Rehabilitation Hospital
10230-111 Avenue
Edmonton, Alberta
Boot Camp One: A Taste of Technology is a one-and-a-half day introduction to technology that will assist health care professionals understand and embrace the value of information and knowledge transfer, as well as innovative strategies that have an impact on today’s health care environment. Clinicians, researchers and exhibitors will be on hand to demonstrate the latest in health care technologies. The conference is structured to introduce various tools to participants via podium presentations, displays, and hands-on workstations.

The first full day of the course will introduce participants to applications used in health care, including electronic access to information, knowledge transfer, and an overview of assistive technology and virtual rehabilitation, including demonstrations of various devices and applications.

The second day is a half day designed for participants to gain more knowledge about specialized areas, such as neurotechnology, micro and nanotechnology, wireless technology, and prosthetics and orthotics. Each tool will be introduced through hands-on demonstrations.

FACULTY

Robert Hayward, MD
Associate Professor, Centre for Health Evidence, University of Alberta, Edmonton, AB

Shoo Lee, MBBS, FRCP, PhD
Scientific Director; Integrated Centre for Health Advancement through Research (iCARE), Edmonton, AB

Shannon Scott-Findlay, RN, PhD[c]
Post-Doctoral Fellow, Department of Pediatrics & Centre for Health Promotion Studies, University of Alberta, Edmonton, AB

Heidi Sveistrup, MA, PhD
Associate Professor, School of Rehabilitation Sciences, University of Ottawa, Ottawa, ON

Patrice L. (Tamar) Weiss, B.Sc. (OT), M.Sc., PhD
Head of the Laboratory for Innovations in Rehabilitation Technology, University of Haifa, Haifa, Israel

TARGET AUDIENCE

This conference is tailored for health care professionals who have a limited understanding of associated technologies and how they apply in day-to-day delivery of rehabilitation services. It is not recommended for technology experts.

RESEARCH POSTERS

A selection of research-based posters relating to the use of technology in health care will be on display during the conference.

EXHIBITS

A wide range of healthcare technologies will be displayed throughout the conference, including:

- Neurotechnology
- Micro and Nanotechnology
- Spasticity Management
- Telehealth
- Cardiac Rehabilitation Outreach Education (GOALS Program)
- Videofluoroscopy
- Clinical Databases [Assistive Technology and Scoliosis]
- Wound Management Research
11:15 PRESENTATIONS: Electronic Access to Information
- Goals (Guided Outreach for Advancing LifeStyles) Program
  Bill Daub, Cardiac Rehabilitation Program, Glenrose Rehabilitation Hospital
- Clinical Database – Assistive Technology
  Christine Beliveau, I CAN Centre, Glenrose Rehabilitation Hospital
- Clinical Database – Scoliosis
  Doug Hill, Rehabilitation Technology Program, Glenrose Rehabilitation Hospital

NOON LUNCH

12:30 Virtual Reality: Applications in Rehabilitation
Heidi Sveistrup
This presentation will provide a brief overview of the specific VR technology Dr. Sveistrup uses for balance training in adults following traumatic brain injury and stroke as well as selective motor control and reaching function in children with cerebral palsy. She will discuss the various research projects her group has completed, with some recently focused on the integration of the technology into the clinical setting. Dr. Sveistrup’s specific interest has been in understanding posture control and sensori-motor contributions to maintaining function.

1:00 PRESENTATIONS: Assistive Technology
These brief presentations will serve as an introduction to specific technologies that will be demonstrated in individual workstations in the next session.
- Language and Literacy
  Bruce Helmbold, I CAN Centre, Glenrose Rehabilitation Hospital
- Aging
  Darlene Broda Masiuk, I CAN Centre, Glenrose Rehabilitation Hospital
- Power Mobility
  Joan Mather, I CAN Centre, Glenrose Rehabilitation Hospital
- Robotics
  Kim Adams, I CAN Centre, Glenrose Rehabilitation Hospital
- Smart Houses/Environmental Controls
  Jenny Schmidt, I CAN Centre, Glenrose Rehabilitation Hospital
- HomeSitter
  David Bocking, Director of Innovation, Health Solutions, TELUS
- Virtual Rehabilitation
  Terry Blois, Rehabilitation Technology, Glenrose Rehabilitation Hospital

2:00 REFRESHMENT BREAK

2:30 HANDS ON WORKSTATIONS
1. Language and Literacy
2. Aging/Power Mobility/Robotics
3. Virtual Rehabilitation
4. Smart Houses/Environmental Controls and Home Sitter
5. Knowledge Management Computer Lab

4:30 WRAP-UP DISCUSSIONS
5:00 RECEPTION

HANDS-ON WORKSTATIONS
Delegates will have a chance to participate in several interactive sessions each day of the conference, including assistive technology, wireless technology and neurotechnology devices, prosthetics and orthotics, virtual rehabilitation demonstration, and a knowledge management computer lab.

FOR MORE INFORMATION, PLEASE CONTACT:
Education Coordinator, Education Services
Glenrose Rehabilitation Hospital
Room 19, 10230-111 Avenue
Edmonton, AB T5G 0B7
PHONE: 780-735-7912
TOLL FREE: 1-877-877-8714
FAX: 780-735-7924
EMAIL: GRHEdServices@cha.ab.ca
REGISTRATION FORM

Boot Camp One: A Taste of Technology

Early Bird Fee (up to October 27) $225
Regular Fee (October 28-November 10) $275
Late Fee (November 11-16) $325
Full-time Student (with valid ID) $175

CONTACT INFORMATION

LAST NAME: __________________________
FIRST NAME: __________________________
POSITION TITLE: __________________________
ORGANIZATION: __________________________
ADDRESS: please indicate Work/Home
CITY: __________________________
PROVINCE: __________________________ POSTAL CODE: __________________________
PHONE: (______) FAX: (______) EMAIL ADDRESS: __________________________

METHOD OF PAYMENT

☐ Cheque (payable to Capital Health)
☐ VISA ☐ MasterCard ☐ American Express

NAME ON CARD: __________________________
CARD NUMBER: __________________________ EXPIRY DATE: __________________________
SIGNATURE: __________________________ DATE: __________________________

Please send completed registration form and full payment to:

BY MAIL: Education Services
Glenrose Rehabilitation Hospital
Room 19, 10230-111 Avenue
Edmonton, AB T5G 0B7

BY FAX: 780-735-7924

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Registration fee includes conference materials, continental breakfast, lunch and refreshment breaks.

REGISTRATION AND REFUND/CANCELLATION POLICY
Payment by cheque or credit card must accompany the completed registration form. Cancellations will be accepted until October 27, 2006. No refunds will be issued after this date. A $50 processing fee will be charged for cancellations made on or before October 27, 2006.

REGISTRATION CONFIRMATION AND RECEIPT OF PAYMENT
A letter of confirmation and receipt of payment will be forwarded with the course schedule within five working days of receiving your completed registration form and full payment.

PARKING AT THE GLENROSE HOSPITAL
Underground parking is available at the hospital. You may purchase a parking pass ($10/day) for the duration of the conference at the Information Desk at the front entrance of the hospital. You may also purchase a daily parking ticket at the Pay and Display machine located next to the hospital entrance in the underground parkade. The ticket may be used in the parkade or at any of the parking meters in front of the hospital or on 102 Street.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT
The registration information is collected under the authority of the “Freedom of Information and Protection of Privacy Act”. The information you provide is required to register you in the course, prepare material for your use and will be used to notify you of other courses or pertinent information. Financial information is used to process applicable fees and is not retained for future reference. If you have any questions about the collection or use of this information, please call 780-735-7988.