University of Victoria
Centre on Aging

CIHR Institute of Aging and University of Victoria- Centre on Aging
Statistical Methods in Aging, Analytical Research Training (SMAART)*:*
Longitudinal Analysis 2011

CIHR IRSC
IA IV

May 16 to 20, 2011 at the University of Victoria

Aim/Objectives
This research training opportunity will provide both emerging and established researchers an overview of longitudinal design and analysis, with emphasis on skill development in current statistical approaches. Conceptual and research design issues will be examined focusing on alternative models for explaining and predicting individual-level change. Hands-on exercises will use longitudinal data to examine models with time invariant and time-varying covariates, factor-level outcomes, alternative time structures, as well as joint models of correlated outcomes. Participants will also have an opportunity to explore critical issues in longitudinal data analysis including data availability and access, ethics, and harmonization through formal and informal discussions with colleagues and mentors over the 4 ½ day program. This program is designed to help build national capacity for research using the Canadian Longitudinal Study on Aging (CLSA) data platform.

Eligibility
Trainee applicants (maximum of 30) must:

- be in enrolled full time or part time in a PhD program or hold a postdoctoral fellowship at a Canadian University; or be doing post-graduate clinical training that includes a program of research;
- be Canadian citizens or have landed immigrant status (a few positions may be open to trainees at Canadian institutions who do not meet either criteria);
- have research interests, a thesis subject or a post-doctoral project in the field of aging, or with an aging component;
- have familiarity with multivariate statistical methods including some familiarity with structural equation modeling (SEM);
- not be attending the 2011 CIHR-Institute of Aging's Summer Programs in Aging (SPA). Applicants may apply for both programs but, if selected for both, may participate in only one;
- have a commitment from the applicant's academic supervisor to provide a $200.00 + HST registration fee from his/her research funds if the applicant is accepted;
- commit to participating in the entire program.

Applicants who are ***established researchers*** (maximum of 10) must:

- have a faculty appointment at a Canadian academic institution and a program of research;
- have demonstrated success in research relevant to aging;
- have familiarity with multivariate statistical methods including some familiarity with structural equation modeling (SEM);
- commit to participating in the entire program;
- cover their own travel and accommodation costs.

Note: once the successful participants have been selected, 10 additional spaces may become available for eligible researchers at a cost-recovery fee of $500+ HST. These individuals would be responsible for their own travel and accommodations costs.

Go to: www.coag.uvic.ca

For more information contact:
Lois Edgar
Email: ledgar@uvic.ca; Telephone: (250) 721-6524