

PhD Work in Progress SEMINAR

Thursday 19th November 2009

Towards assessing the impact of population ageing and health outlays in Australia during the next 40 years: the development of a dynamic health microsimulation module within APPSIM

Presented by Sharyn Lymer

PhD Candidate

National Centre for Social and Economic Modelling
University of Canberra.

The ageing of the population in Australia, due to decreased fertility and increased longevity, is placing increased pressure on government budgets. This fiscal pressure is heightened by the large cohort of baby boomers reaching older ages. A key concern is the high level of public expenditure on older Australians - particularly in the areas of social security, health and aged care - and how these costs are going to be financed. In Australia, the development of APPSIM, a dynamic microsimulation model, has been funded by the ARC and 12 government agencies to develop a sophisticated policy decision making tool to look at the effects of ageing over the next 40 years. This presentation will discuss the development of the health module within APPSIM to date. The module is being developed to consider the effects of changing health status, as well as the effects of ageing, on health outlays by the Australian government over the next 40 years. Illustrative examples of the output from the APPSIM health module will be presented.

Sharyn Lymer is a second year PhD student at the National Centre for Social and Economic Modelling, University of Canberra, supervised by Prof. Ann Harding, Prof. Laurie Brown and Anthony King. Prior to commencing her PhD, she worked for NATSEM as a Senior Research Fellow for 4 years. She was the lead modeller in developing HEALTHMOD, the static microsimulation model of the Australian Medicare system and also played a significant role in small area microsimulation modelling of the need for aged care in Australia.

Date: Thursday 19th November 2009
Time: 11am - 12 noon
Venue: Demonstration Room, Ground Floor
170 Haydon Drive, Bruce, ACT 2617
Building 18 at University of Canberra

RSVP: Email: hotline@natsem.canberra.edu.au
Tel: (02) 6201 2780

If you would like to subscribe to the NATSEM seminar electronic mailing list please email hotline@natsem.canberra.edu.au