

Binod Nepal

Research Fellow

NATSEM, University of Canberra

Personal details

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Academic qualifications	2007 PhD in Demography, Australian National University 2001 MA (Demography), Australian National University 1996 M. Pop Studies Tribhuvan University, Nepal 1990 BSc Tribhuvan University, Nepal
Affiliations	

Professional history

Mar 2008 – present	Research Fellow, NATSEM, University of Canberra
Aug 2007 – Mar 2008	Senior Research Officer, NATSEM, University of Canberra
Feb 2007 – Aug 2007	Research Officer, NATSEM, University of Canberra
Jan 2002–Mar 2004	Program Associate, Center for Research on Environment, Health and Population Activities (CREHPA), a Kathmandu
Jan 1998 – Dec 2000	Research Associate/ Senior Research Associate, CREHPA, Kathmandu

Relevant experience

Development and application of simulation models	Binod has been involved at various capacities in the development and application of general microsimulation models, spatial microsimulation models and group-based models. The microsimulation models he is working on include the DYNOPTA microsimulation model to predict age-related disabilities and impact of modifying risk factors among ageing Australians, and APPSIM's aged care module to predict future demand for community and residential aged care services. He has also contributed to the updating of NATSEM's spatial models and has applied them to derive measures of housing stress and poverty at small area level. He has developed group-based models using Excel spreadsheets for comparative analysis of lifetime economic outcomes of various population groups; and for projection of population level impact of modifying lifestyle risk factors on dementia.
Policy analysis and basic research	Binod has conducted micro-data analysis and has used specialised models to undertake policy analysis as well as basic research into various socioeconomic issues such as aged

care, healthy life expectancy, informal care to people with a disability, indigenous wellbeing, housing affordability, and association of health and economic outcomes. He also has research experience on reproductive health and HIV/AIDS in Asia-pacific.

Grants

DCRC
(Commonwealth
funded)

Development of a cohort model to project the population level impact of behaviour change on dementia prevalence.

Publications and papers

Peer reviewed journal papers

Nepal B., L. Brown & G. Ranmuthugala (accepted on 2 Sept 2009) Modelling the impact of modifying lifestyle risk factors on dementia prevalence in Australian population aged 45 years and over, 2006-2011, *Australasian Journal on Ageing*.

Nepal B., Tanton R. and Harding A. (2010) Measuring housing stress: How much do definitions matter? *Urban Policy and Research* vol. 28, no. 2, pp. 211–224.

Ranmuthugala, G., **B. Nepal**, L. Brown & Percival, R. (2009) Impact of home based long term care on informal carers, *Australian Family Physician*, vol. 38, no. 8, pp 618-620.

Nepal B., L. Brown & G. Ranmuthugala (2008) Years of life lived with and without dementia in Australia, 2004-2006: a population health measure, *Australian and New Zealand Journal of Public Health*, vol.32, no. 6, pp. 565-568.

Nepal B., G. Ranmuthugala, L. Brown & M. Budge (2008) Modelling costs of dementia in Australia: evidence, gaps, and needs. *Australian Health Review* 32(3): 479-487.

Nepal, B. (2007) AIDS denial in Asia: dimensions and roots. *Health Policy* 84 (2–3): 133–141.

Nepal B. (2007) Prosperity, equity, good governance and good health: focus on HIV/AIDS pandemic and its feminization. *World Health and Population* 9(3):73-80.

Nepal, B. (2007) Population mobility and spread of HIV across the Indo-Nepal border. *Journal of Health, Population and Nutrition* 25(3): 267–277.

Tamang, A., **B. Nepal**, M. Puri & D. Shrestha (2001) Sexual behaviour and risk perception among Young Men in Border Towns of Nepal, *Asia-Pacific Population Journal* 16(2):195-210.

Books / Monographs

Tamang, A., M. Puri, **B. Nepal** & M. Dahal (2000), *Women in Prison in Nepal for Abortion: A Study on Implications of Restrictive Abortion Law on Women's Health and Social Status*. CREHPA, Kathmandu.

Book chapters

Tamang, A., **B. Nepal**, P. Yadav & K. Maskey (2003). Understanding culturally specific explanations for menstruation-related problems from the perspectives of adolescent girls in rural Nepal, In G. Ersheng et al (Eds.), *Reproductive Health of Adolescents and Unmarried Youth: Status, Perspectives and Strategies: Anthology of Treatises of the International Symposium on Reproductive Health Research and Policy Issues of Adolescents and Unmarried Young Adults* 19-21 Oct 2000 (pp. 436-442). Shanghai: Shanghai Institute of Planned Parenthood Research.

Tamang, A. & **B. Nepal** (2003) Constraints on condom use among young men in border towns of Nepal, in *Towards adulthood: Exploring the sexual and reproductive health of adolescents in South Asia*, p114-115. Department of Reproductive Health and Research (RHR), WHO, Geneva.

Tamang, A. & **B. Nepal** (2000), Providing adolescent health services: The Nepalese experience, in *Sexual and Reproductive Health: Recent Advances, Future Directions*, Vol. 1 p. 379-398. Edited by C. P. Puri & P. F. A. Van Look. New Age International, Mumbai.

Research reports / Working papers

Nepal, B., A. Payne & L. Brown (2009) Healthy, wealthy and wise?: The relationship between health, employment and earnings in Australia, AMP.NATSEM Income and Wealth Report Issue 23, AMP, Sydney

Cassells, R., R. Miranti, **B. Nepal** & R. Tanton (2009) She works hard for the money: Australian women and the gender divide. APM.NATSEM Income and Wealth Report Issue 22. Sydney: AMP.

