

# Major Depression in Seniors and Individuals with disabilities

JianLi Wang, PhD  
Departments of Psychiatry and of Community Health Sciences  
Faculty of Medicine  
University of Calgary



# Objectives

- Among seniors aged 65+
  - Examine employment status
  - Estimate the prevalence and incidence of major depression and comorbid chronic conditions
  - Describe home care needs in seniors with major depression
  - Factors related to later occurrence of major depression
  - Impacts of employment and major depression on transition from independent living to institution
  - Impacts of employment and major depression on health



# Objectives

- Among individuals with disabilities
  - Estimate the prevalence and incidence of major depression
  - Describe labor force participation, job profile, living arrangement and activity restriction in those with and without major depression
  - Home care needs
  - Factors associated with the risk of major depression
  - Factors associated with cognitive decline



# Date Sources

- Canadian Community Health Survey (CCHS)
  - Cross-sectional (n = 130,000)
- Canadian Community Health Survey – Mental Health & Wellbeing (CCHS-1.2)
  - Cross-sectional (n = 36,984)
- National Population Health Survey (NPHS)
  - Longitudinal cohort (n = 17,276)
  - From 1994/95 to present
  - Every two years



# Work-in-Progress

- Started in January 2010.
- Data analysis is progressing according to the plan
- Having generated some interesting results
  - Posters (Cook, Kirsten)
  - Presentation to partner on Nov. 9<sup>th</sup>, 2010
  - One manuscript (in press) in the Journal of Affective Disorders
  - Manuscripts in preparation



# Work-in-Progress

- Two CRGI studentships
- Collaboration with partner – involvement in the data analysis
- Data analyst



# Future Plan

- Complete the data analysis as planned
- Get the results to peer-reviewed journals
- Work closely with collaborative partners
- Other stakeholders

