

Provision program

Unpacking GBD

Workshop description

The Global Burden of Disease Study (GBD) provides estimates of burden for over 300 diseases and injuries. To date, it is the largest and most comprehensive effort to describe the impact of disease, injuries, and risk factors in 195 countries. GBD findings are freely and publicly available but it is important to know how to access and use this information.

The workshop will provide an opportunity to learn about the methods used in GBD and how to access, interpret, and apply GBD findings in research and in health policy and planning. There will be speakers from a range of disciplines, and presentations will incorporate live demonstrations. Importantly, the workshop will encourage open discussion and an exchange of ideas around the applications of GBD data.

Agenda

Day One: GBD methods 101

Session One: What is GBD?

Prof Harvey Whiteford, Dr Holly Erskine, and Dr Fiona Charlson – *9.00am to 12.00pm (morning tea : 10.30am – 10.45am)*

- Introduction
- History and importance of GBD
- Brief overview of implications for science, policy and public discourse
- Project structure, governance and collaborative network
- Transparency in the GBD
- TED Talk: Prof Chris Murray (15 mins)

Lunch: 12.00pm to 1.00pm

Session Two: GBD Metrics and Mechanics

Dr Holly Erskine and Dr Fiona Charlson – *1.00pm to 3.00pm*

Part A – Dr Holly Erskine

- How do we measure burden and how does this actually happen?
- Estimating disability-adjusted life years
- Estimating years of life lived with disability
 - Exercise: Depression as a case study

Afternoon tea: 2.00pm – 2.15pm

Part B – Dr Fiona Charlson

- Estimating years of life lost
 - Exercise: Drug use disorders as a case study
- Open discussion

Guest Speaker

Dr Ann Kristin Knudsen – 3.00pm-3.30pm/3.45pm

Day Two: Applying GBD in practice

Session One: Accessing GBD results

Dr Holly Erskine – 9.00am to 11.30am (*morning tea: 10.15am – 10.30am*)

- Finding publications
- Downloading data
- Navigating visualisations (GBD Compare)

Guest Speaker

A/Prof Kim Ilburg – 11.30am – 12.00pm

Lunch: 12.00 to 1pm

Session 2: Applications of GBD results

Dr Fiona Charlson – 1.00pm to 3.00pm (*afternoon tea: 2.00pm – 2.15pm*)

Guest Speaker

Prof Dan Chisholm – 3.00pm-3.30pm/3.45pm

Conclusion

Prof Harvey Whiteford

- Closing remarks
- Final questions and open discussion