

## Syllabus for lectures by Seema Jayachandran at BREAD-IGC-ISI Summer School 2012

### 1. Lecture on Causal Identification

This lecture will discuss identification of causal effects, focusing on the Rubin Causal Model framework. We will also discuss instrumental variables estimation.

*Reading list (Please read in advance the articles marked with an asterisk)*

\* Angrist, Joshua D., Guido W. Imbens, and Donald B. Rubin (1996). Identification of Causal Effects Using Instrumental Variables," *Journal of the American Statistical Association*, 91(434), 444-455.

### 2. Lecture on Health

This lecture will discuss research topics on health within development economics. We will discuss both the determinants of health and the effects of health on other economic outcomes.

*Reading list (Please read in advance the articles marked with an asterisk)*

\* Jayachandran, S., and A. Lleras-Muney (2009). "Life Expectancy and Human Capital Investments: Evidence from Maternal Mortality Declines," *Quarterly Journal of Economics*, 124(1), 349-397.

\* Thomas, Duncan et al. (2006). "Causal Effect of Health on Labor Market Outcomes: Experimental Evidence," mimeo, UCLA.

Miguel, Ted and Michael Kremer (2004), "Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities," *Econometrica* 72 (1): 159-217.

Acemoglu, Daron and Simon Johnson (2007). "Disease and Development: The Effect of Life Expectancy on Economic Growth", *Journal of Political Economy* 115(6), 925-985.

Banerjee, Abhijit, Angus Deaton and Esther Duflo (2004). "Wealth, Health, and Health Services in Rural Rajasthan," *American Economic Review* 94(2), 326-330.