

Institute for Evaluation of Labour Market and Education Policy (IFAU) and  
Uppsala Center for Labor Studies (UCLS), Uppsala University

invite to a PhD/Post doc course in

## **Methods for Evaluating Social Programs**

June 2-5, 2014 at Uppsala University, Sweden

**The course is lectured by Professor Petra E. Todd, Alfred L. Cass Term  
Professor of Economics, University of Pennsylvania**

This course will examine econometric methods for evaluating effects of program interventions. Typical interventions that might be of interest include job training or other active labor market programs, education programs (such as school subsidy programs), or health programs.

The first part of the course will examine ex post evaluation methods that are applicable after the program has been implemented and data are available on persons who participated in the program and possibly also on a group of people who did not participate. We consider both the case where the program was randomly assigned and when assignment was not random. We will consider questions related to implementation and design of randomized experiments and methods for nonexperimental data, including regression estimators, matching estimators, control function estimators, regression discontinuity methods, IV and LATE estimators, and MTE estimators.

The second part of the course will consider methods for ex ante evaluation, that is, methods for evaluating programs that do not yet exist or for evaluating modified versions of existing programs. These methods typically make more extensive use of structural models. We will consider mainly static and dynamic discrete choice finite horizon models as frameworks for social policy evaluation. It is recommended that students who take this course have a good background with microeconomic methods, including panel data methods and nonparametric regression/density estimation.

Ex post evaluation

- 1: The evaluation problem, random assignment
- 2: Regression estimators
- 3: Review of kernel density and regression estimators, Matching Methods
- 4: Control function, Instrumental variables, Local Average Treatment Effects
- 5: Marginal Treatment Effects, Regression Discontinuity



### Ex ante evaluation

- 6: Use of static and dynamic discrete choice models for ex ante evaluation
- 7: Estimating Discrete Choice Dynamic Programming models and examples

The course will be given as morning lectures with paper presentations in the afternoon.

The course is limited to 30 students only. The number of papers to be presented is limited to 6. The program committee together with Professor Todd will select the papers to be presented.

**Please register and send in papers for potential presentation to [anette.olsson@ifau.uu.se](mailto:anette.olsson@ifau.uu.se) no later than May 1, 2014.**

Please include if you have any dietary requirements.

**Welcome to Uppsala!**

Per-Anders Edin and Per Johansson