



[www.statistics.org.il](http://www.statistics.org.il)

---

A Special Workshop Given By

**Professor Steven Fienberg**  
Maurice Falk University Professor  
Carnegie Mellon University

*Privacy Protection and Record Linkage*

Friday 29 May 2015  
09:00 – 12:00

Melamed Auditorium  
Tel Aviv University

Privacy protection and record linkage remain joined at the hip. Statisticians do record linkage to enhance the information available on individuals beyond that in individual databases. Doing such linkage well enhances the scientific credibility and statistical validity of any resulting analyses. But if we are concerned about privacy protection we think in terms of protecting individuals in a database from identification through linkage attacks by an intruder! This two-part short course will review recent advances in these two domains, especially efforts to ensure that methods in both domains scale to as the size of databases grow. On the linkage side we will discuss propagating linkage error into subsequent analyses. On the privacy protection side we will describe the technique of differential privacy which protects “probabilistically” against all linkage attacks.

Professor Fienberg is an internationally known expert on statistical aspects of privacy. The Israel Statistical Association is honored to sponsor this workshop with him.

Cost: 100 NIS for members of the Israel Statistical Association, 120 NIS for non-members; students can attend at no cost.

Advance registration is required. You can pay registration fees at <https://www.tixwise.co.il/event/40439/1e559518fdee86c8bfef909bda86249271bc6f9f87600>

Students should register from a link on the ISA web site: [www.statistics.org.il](http://www.statistics.org.il)

Melamed Auditorium is in the Exact Sciences Building. We will switch to a larger room if needed, based on the registration. Check the ISA web site for information.