

Transportation Center Seminar.....

Beyond Transport Time: modeling time use, understanding time values

Sergio Jara-Diaz

**Professor of Transport
Economics & Provost
Universidad de Chile**



Thursday –Jan. 21, 2016

4:00 - 5:00 pm
(refreshments at 3:30 pm)

Location:

Transportation Center
Chambers Hall- Lower Level
600 Foster, Evanston

Abstract:

Travel time has understandably received great attention in transport systems analysis, a field of study where time related data has been systematically collected for now many decades. In this presentation we argue that understanding travel time values requires a clear understanding of the value of leisure (and work), which in turn requires understanding how people allocate time to activities and what are the values that command those decisions. We begin by showing the origins of the connection between the wage rate and the value of travel time savings calculated from discrete choice models. After making a link with the theories of time use, we explain how the approach has evolved towards the formulation and estimation of general time use models where the identification of activity types and their relations with goods consumption plays a key role besides income and time constraints. This evolution is illustrated with time use models that we have estimated using data from different cities and countries on time allocation, income and expenditures for different socio-economic categories.

Bio

Sergio Jara-Diaz is Professor of Transport Economics and Provost at Universidad de Chile. Ph.D. and M.Sc. from MIT, M.Sc. in Urban Planning from U. Católica de Chile and Civil Engineer from U. de Chile. He is the founding member of the Transport Division at U. de Chile. Is author of Transport Economic Theory (Elsevier, 2007) and more than 80 research articles on users' behaviour, value and use of time, industry structure on transport networks, public transport, optimal pricing and transport project appraisal. He resides in Santiago, Chile, with his only wife with whom he shares two sons and four grandchildren.