

## CENTRE FOR INCREASING RETURNS AND ECONOMIC ORGANISATION

### Seminar by Bruce Weinberg

The CIREO and the Department of Econometrics would like to invite you to a special seminar that will be delivered by **Bruce Weinberg of Ohio State U. on the topic of 'Scientific Leadership'**. It is scheduled to take place next Wednesday July 23 at 11:00am in room E269, Building 11, Monash University.

Bruce has done extensive work on the Economics of innovation, technical change, and creativity and his work has appeared in many leading journals including the *American Economic Review*, and the *Journal of Political Economy*.

The abstract of Bruce's presentation is as follows:

The 20th century saw dramatic shifts in international scientific leadership. At the beginning of the 20th century, Europe as a whole and Germany in particular dominated science. Today, the United States does. Traditionally, the shift of scientific leadership from Europe and Germany to the United States has been linked to (1) the Nazis' driving out star scientists; (2) the United States sending young researchers to Europe to study with European masters; and (3) investments in science in the United States. Using rich datasets on Nobel laureates in Chemistry, Medicine, and Physics, and highly cited publications, we show that investments in science and a competitive market for science in the United States were likely the most important factors, with the Nazis playing a relatively modest role. Our estimates suggest that scientific leadership is more fluid than generally believed.

Co-sponsorship of this seminar by CIREO reflects the Centre's increasing interest in the economic organisation of science, research, and education in Australia where specialisation across universities and division of labour within universities are becoming increasingly relevant.