

Ariel Pakes

Ariel Pakes is a Professor of Economics in the Department of Economics at Harvard University, where he teaches courses in Industrial Organization and in Econometrics. Before coming to Harvard in 1999, he was the Charles and Dorothea Dilley Professor of Economics at Yale University (1997-99). He has held other tenured positions at Yale (1988-97), the University of Wisconsin (1986-88), and the University of Jerusalem (1985-86). Pakes received his doctorate degree from Harvard University in 1980, and he stayed at Harvard as a Lecturer until he took up a position in Jerusalem in 1981. Pakes received the award for the best graduate student advisor at Yale in 1996 and his past students are now faculty at several leading economic departments.

Pakes was elected fellow of the American Academy of Arts and Sciences in 2002. He received the Frisch Medal of the Econometric Society in 1986, and was elected as a fellow of that society in 1988. He is an Editor of the *RAND* Journal of Economics, an associate editor of *Economic Letters* and of the *Journal of Economic Dynamics and Control*, a research associate of the NBER, and a member of the AEA Committee on Government Statistics. In the past Pakes has been a chair of the AEA Census Advisory Panel, Associate Editor of *Econometrica*, the *Journal of Econometrics*, the *International Journal of Industrial Organization*, and the *Economics on Innovation and New Technology*. He also co-edited a *Proceedings of the National Academy of Science* issue on "Science, Technology and the Economy".

Pakes has given symposium lectures to several broad professional groups including the National Academy of Science, the Econometric Society, the American Academy of Arts and Sciences, and the National Council on Research and Development in Israel. He has also served on numerous NSF panels, including the Economics Advisory Panel, Global Change, Computational Economics, Data Opportunities and the Presidential Fellow Advisory Board. In addition Pakes has done work for a number of consultancies, government agencies, and large firms.

Professor Pakes' research has been in Industrial Organization (I.O.), the Economics of Technological Change and in Econometric Theory. He and his co-authors have recently focussed on developing techniques which allow us to empirically analyze I.O. models. This includes theoretical work on how to estimate demand and cost systems and then use the estimated parameters to analyze equilibrium responses to policy and environmental changes, empirical work which uses these techniques to analyze the implications of alternative events in different industries, and the development of a framework for the numerical analysis of dynamic oligopolies (with and without collusive possibilities).

The recent empirical work includes an analysis of the impact of the break up of AT&T on productivity in the telecommunication equipment industry, an analysis of the impact of Voluntary Export Restrictions on the profits and consumer welfare generated by the sales of new cars, and an analysis of the impact of the entry and exit of goods on the price index for personal computers. His previous work outside of I.O. proper included the co-development of simulation estimators (in Econometric Theory), and the development of measures of the costs and returns to research and patenting activities (in Technological Change).

Pakes is married to Juliana Rojas Pakes and has two children.