



STANFORD PROJECT ON REGIONS OF  
INNOVATION AND ENTREPRENEURSHIP  
THE WALTER H. SHORENSTEIN ASIA-PACIFIC RESEARCH CENTER

## Innovation and the State: High Technology Industries in a World of Fragmented Production—Ireland, Israel, & Taiwan

**Dr. Dan Breznitz**, SPRIE Visiting Scholar and Assistant Professor at the Sam Nunn School of International Affairs and the School of Public Policy at Georgia Tech

One of the most unexpected changes of the 1990s was that firms in a number of emerging economies not previously known for high-technology industries moved to the forefront in new information technologies (IT). Surprisingly, from the perspective of comparative political economy theories, the IT industries of these countries use different business models and have carved out different positions in the global IT production networks. Of these emerging economies, the Taiwanese, Israeli, and Irish have successfully nurtured the growth of their IT industries.

Breznitz argues that emerging economies have more than one option for developing their high technology industries. His research shows how state actions shaped the structure of these three IT industries and that the industry's developmental path was influenced by four critical decisions of the state. His work provides a basis to advance a theoretical framework for analyzing how different choices lead to long-term consequences and to the development of successful and radically different industrial systems.

**Dan (Danny) Breznitz** has extensive experience in conducting comparative in-depth research on the international IT industry and its globalization. He is in the midst of organizing two new projects on the internationalization of R&D and the opportunities and limits of innovation policy as an impetus for economic growth. A former founder and CEO of a small software company, Breznitz is also a research affiliate of MIT's Industrial Performance Center. His book, *Innovation and the State: Development Strategies for High Technology Industries in a World of Fragmented Production*, is forthcoming from Yale University Press.

**Tuesday, March 14, 2006, 12:00pm–1:15pm**  
**Philippines Conference Room**  
**Encina Hall, Third Floor, Central**

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This program is free, open to the public and you are welcome to bring a lunch. Reservations are not required. For more information, please contact George Krompacky at [kongjie@stanford.edu](mailto:kongjie@stanford.edu) or call 650-725-1885.