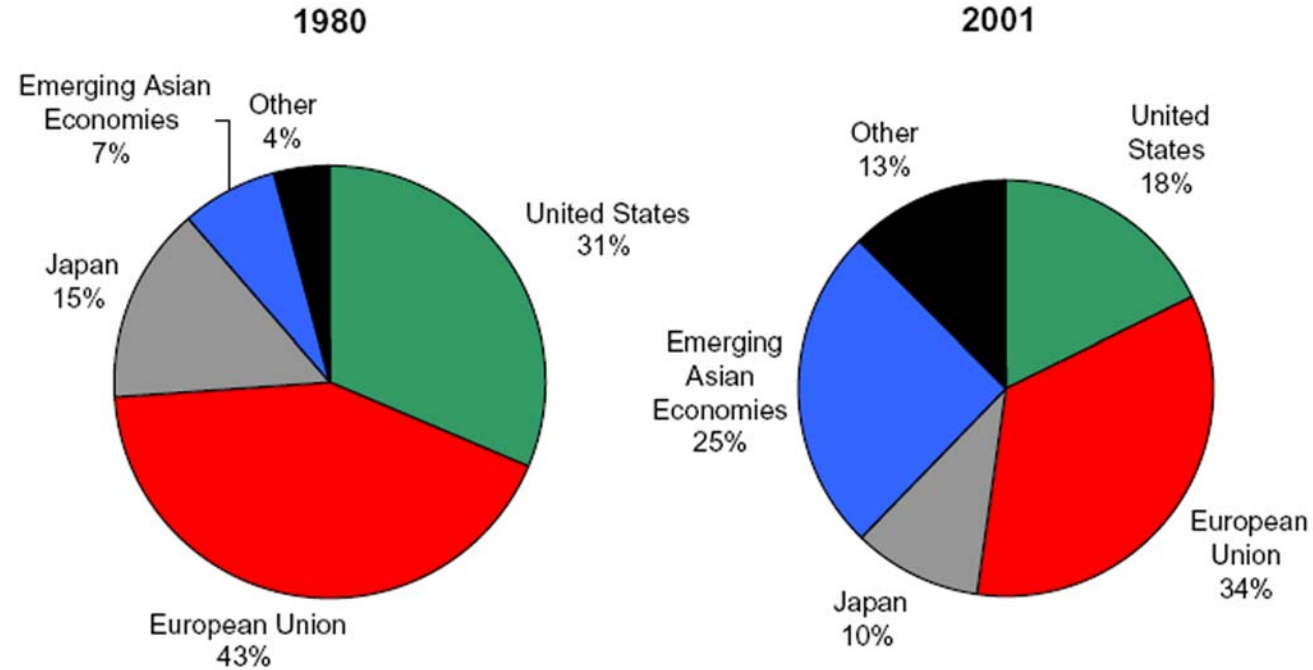


Growing Challenges to U.S. Competitiveness

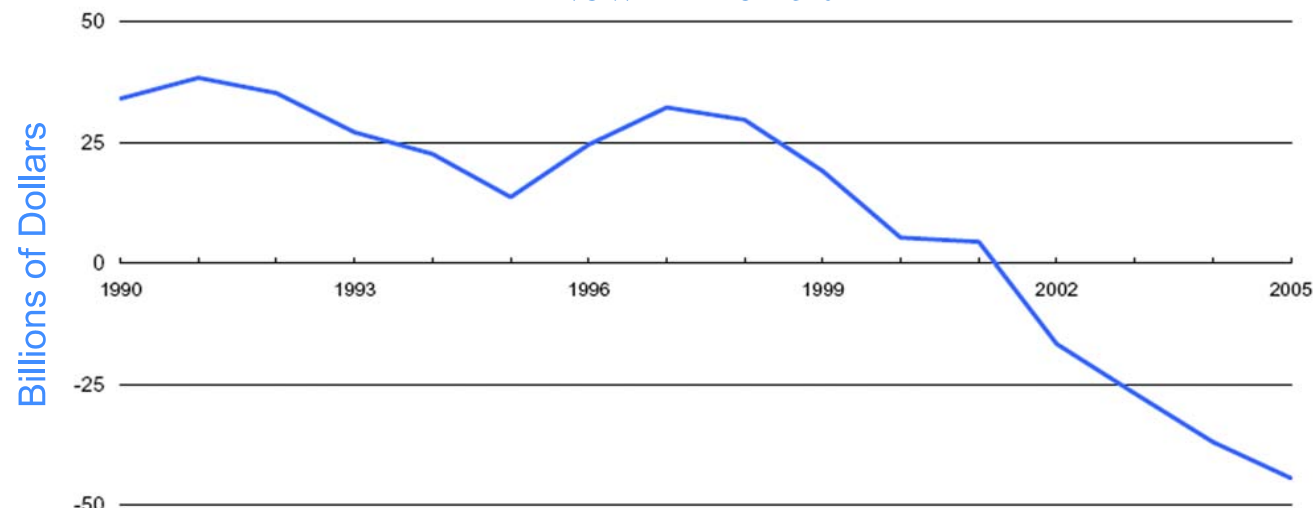
U.S. Losing Share of High Tech Market



Emerging Asian Economies: China, South Korea, Taiwan, Singapore, Hong Kong, India

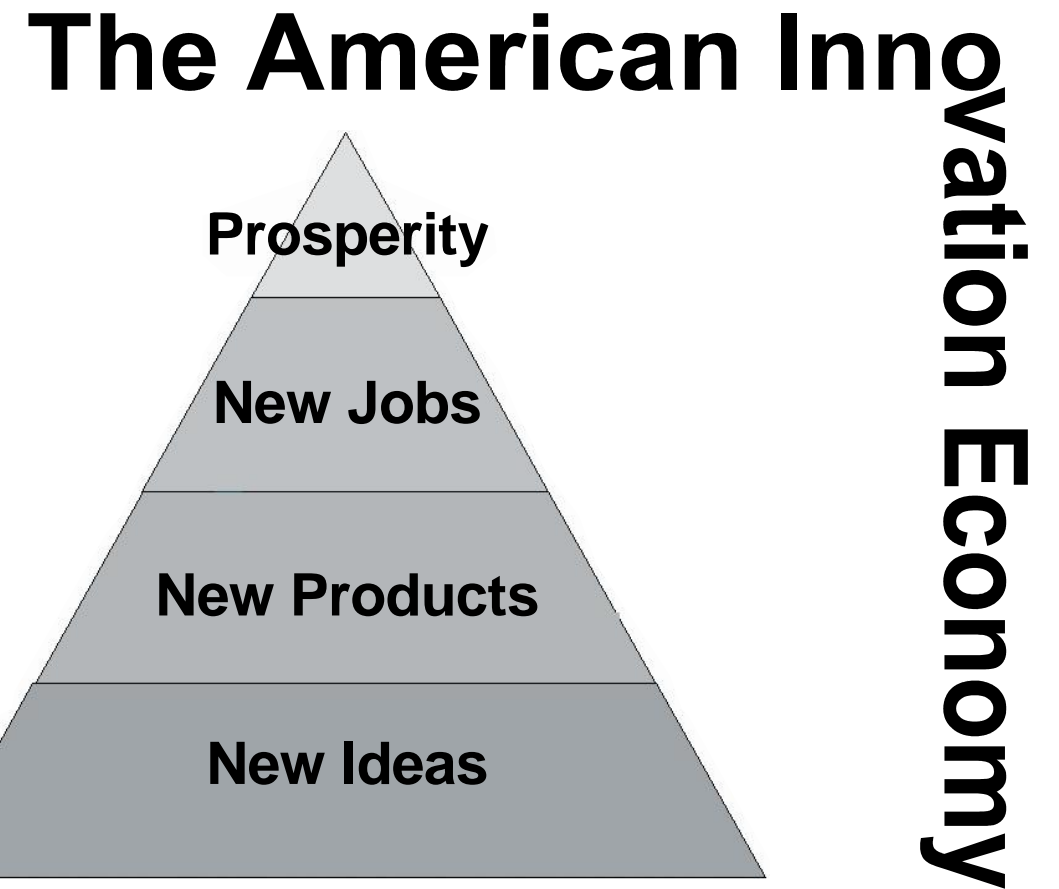
Source: National Science Foundation, *Science and Engineering Indicators 2004*, Appendix Table 6-1. Compiled by the Association of American Universities.

U.S. Trade Balance for Advanced Technology Products Now in Deficit



Source: U.S. Census Bureau Foreign Trade Statistics, *U.S. International Trade in Goods and Services*. Compiled by the APS Washington Office

APS Washington Office
529 14th Street N.W., Washington, D.C. 20045
Ph: (202) 662-8700 Fax: (202) 662-8711
opa@aps.org



Basic Research

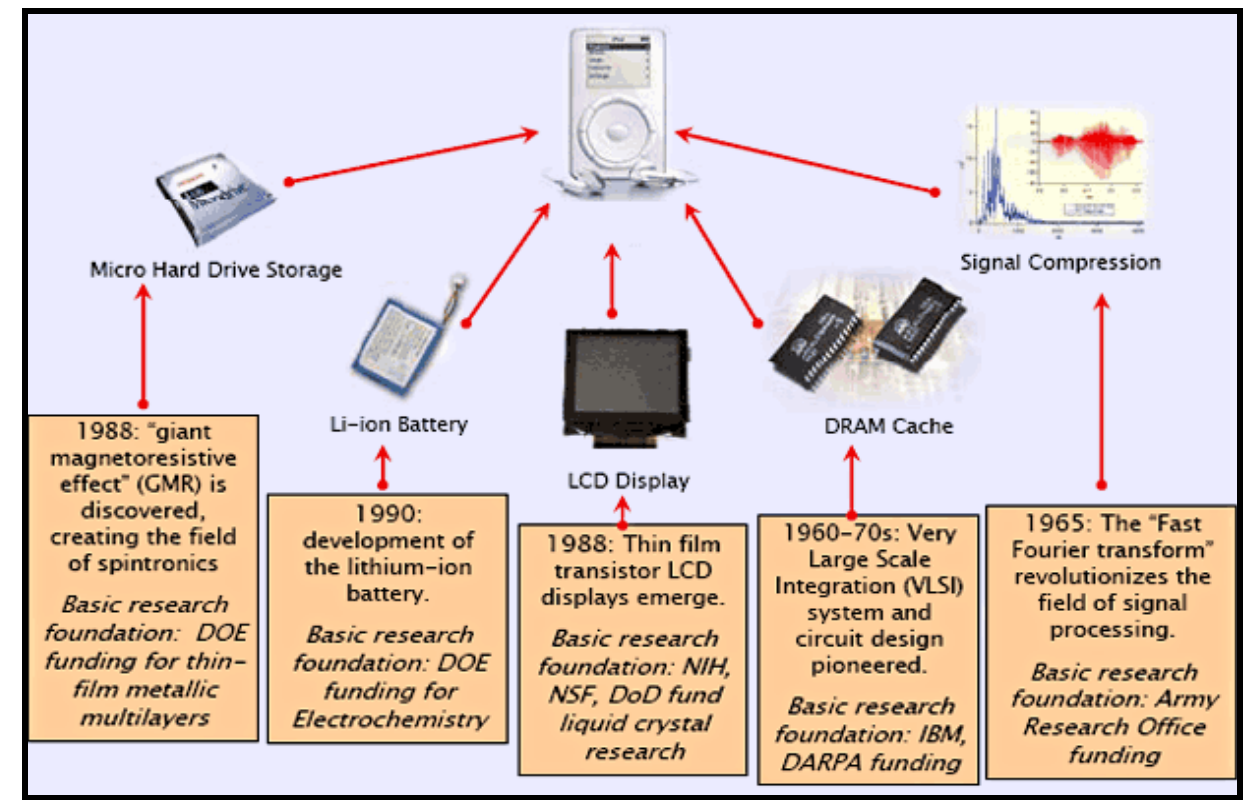
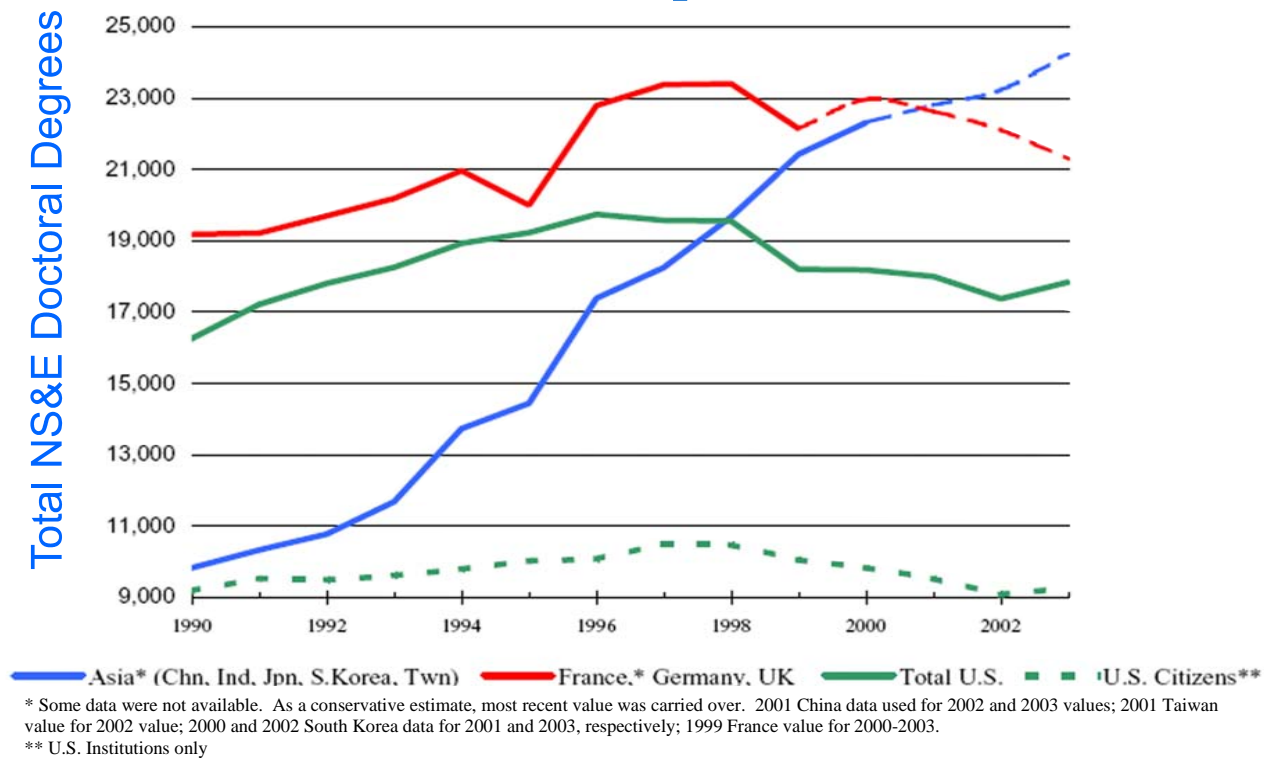


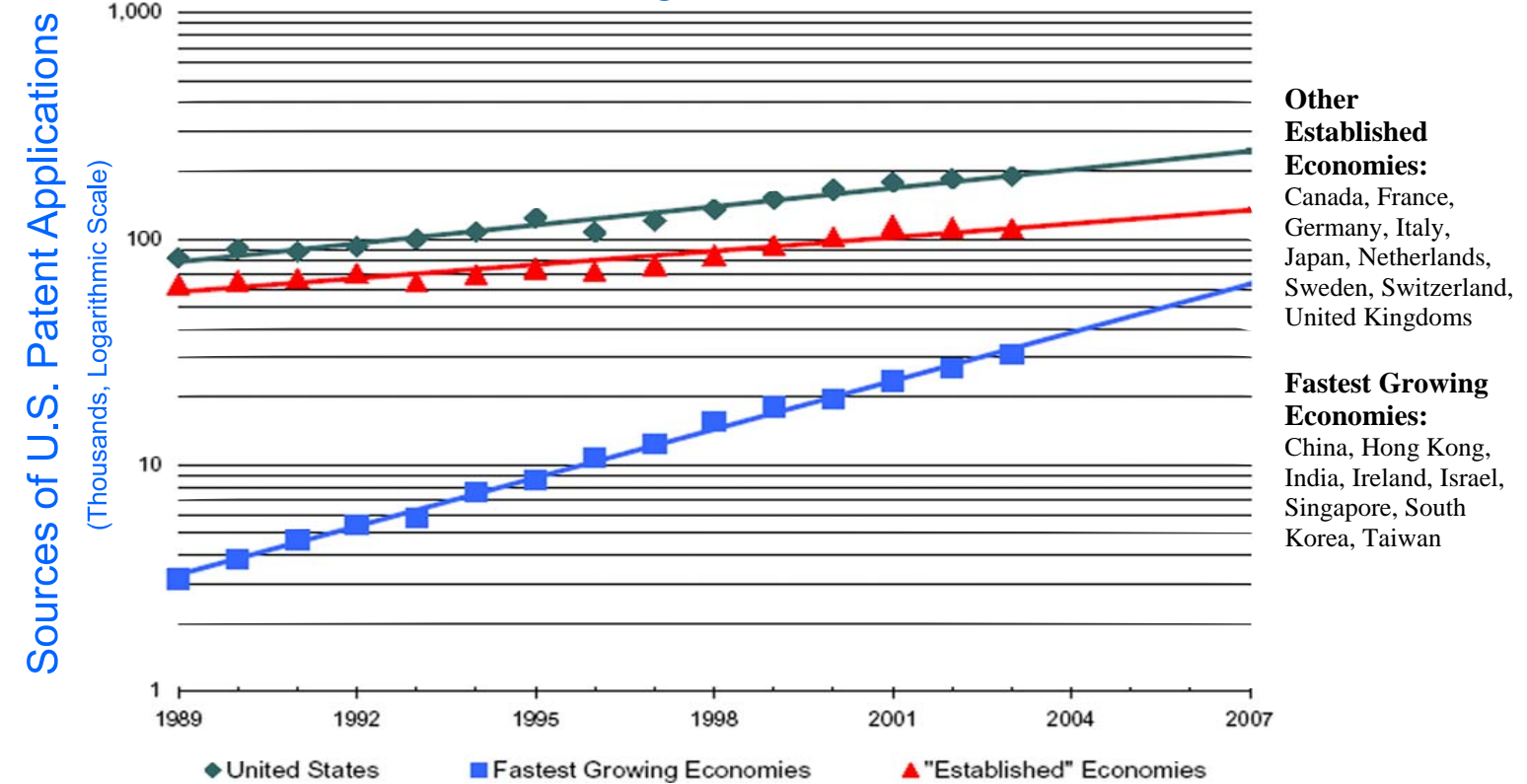
Image from American Competitiveness Initiative, 2006; <http://www.whitehouse.gov/stateoftheunion/2006/aci/index.html#section4>

The Foundation of Innovation

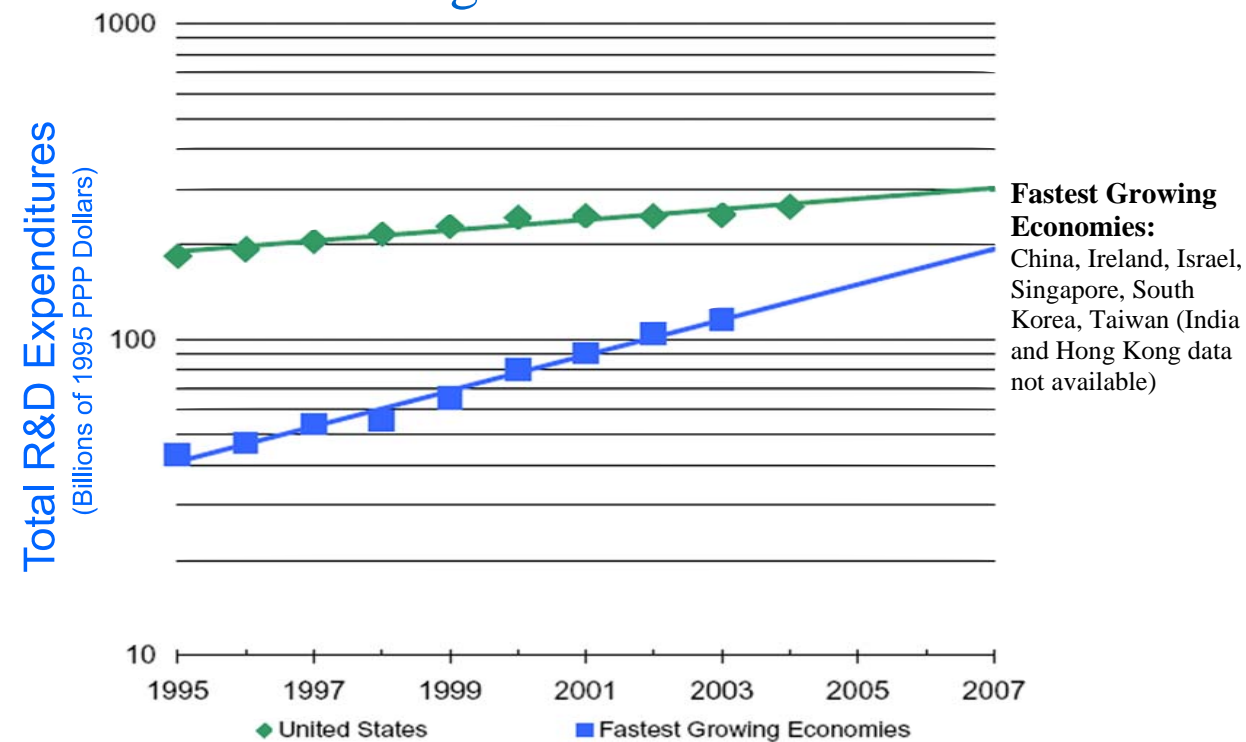
Number of U.S. Ph.D.s Awarded Stagnant; Asia on Steep Ascent



China and India Making Large Technological Advances



Emerging Economies Rapidly Increasing R&D Investments



U.S. Leadership in Science & Engineering Articles Eroded

