

Competitiveness, Innovation, S&E Workforce and STEM Education Major Reports, Books and Activities

Reports and Papers

Books

Workshop/Conference Proceedings and Summaries

Letters and Correspondence

Reports and Papers:

- **The White House**, *American Competitiveness Initiative: Leading the World in Innovation*, February 2006
<http://www.ostp.gov/html/ACIBooklet.pdf>
- **Association of American Universities**, *National Defense Education and Innovation Initiative: Meeting America's Economic and Security Challenges in the 21st Century*, January 2006.
<http://www.aau.edu/reports/NDEII.pdf>
- **The National Summit on Competitiveness**, *Statement of the National Summit on Competitiveness: Investing in U.S. Innovation*, December 2005.
http://www.usinnovation.org/pdf/National_Summit_Statement.pdf
- **The Manufacturing Institute, The National Association of Manufacturers, and the Deloitte Consulting LLP**, *2005 Skills Gap Report – A Survey of the American Manufacturing Workforce*, November 2005.
http://www.nam.org/s_nam/bin.asp?CID=89&DID=235731&DOC=FILE.PDF
- **The National Center for Public Policy and Higher Education**, *Policy Alert, Income of U.S. Workforce Projected to Decline if Education Doesn't Improve*, November 2005.
http://www.highereducation.org/reports/pa_decline/pa_decline.pdf
- **The National Academy of Sciences, National Academy of Engineering, and Institute of Medicine, Committee on Prospering in the Global Economy**, *Rising Above the Gathering Storm: Energizing and Employing America for a Brighter Economic Future*, October 2005.
<http://books.nap.edu/catalog/11463.html>
- **Center for Strategic and International Studies (CSIS)**, *Waiting for Sputnik: Basic Research and Strategic Competition*, October 2005.
http://www.csis.org/media/csis/pubs/051028_waiting_for_sputnik.pdf
- **Council of Graduate Schools**, *NDEA 21: A Renewed Commitment to Graduate Education*, Revised October 2005. <http://www.cgsnet.org/pdf/NDEA21RevOct05.pdf>
- **National Association of Manufacturers**, *Looming Workforce Crisis: Preparing American Workers for 21st Century Competition*, September 2005. http://www.nam.org/s_nam/index.asp

A press release and related statement from John Engler, President, National Association of Manufacturers can be found at:

http://www.nam.org/s_nam/bin.asp?CID=202378&DID=235160&DOC=FILE.PDF and
http://www.nam.org/s_nam/doc1.asp?CID=202003&DID=235067.

- **Richard Freeman**, *Does Globalization of the Scientific/Engineering Workforce Threaten U.S. Economic Leadership?*, **National Bureau of Economic Research**, Working Paper 11457, July 2005. <http://www.nber.org/papers/w11457>
- **Business Roundtable and 14 other Business Organizations**, *Tapping America's Potential: The Education for Innovation Initiative*, July 27, 2005. <http://www.businessroundtable.org>
- **Center for Strategic and International Studies (CSIS)**, *Technology Futures and Global Power, Wealth, and Conflict*, May 2005. <http://csis.zoovy.com/product/0892064633>
- **Telecommunications Industry Association**, *Investing in Telecom for Tomorrow's Innovations: The Case for Increased Telecommunications Research Funding*, March 2005. <http://www.tiaonline.org/documents/TIATelecomResearchFundingFinal.pdf>
- **Business-Higher Education Forum**, *A Commitment to America's Future: Responding to the Crisis in Mathematics and Science Education*, February 2005. <http://www.bhef.com/media/feb1605.cfm>
- **Defense Science Board**, *High Performance Microchip Supply*, February 2005 <http://www.acq.osd.mil/dsb/reports.htm>.
- **AeA**, *Losing the Competitive Advantage?: The Challenge for Science and Technology in the United States*, February 2005. http://www.aeanet.org/Publications/idij_CompetitivenessMain0205.asp
- **Task Force on the Future of American Innovation**, *The Knowledge Economy: Is the United States Losing Its Competitive Edge*, February 2005. <http://www.futureofinnovation.org>
- **National Research Council, Committee on Department of Defense Basic Research**, *Assessment of Department of Defense Basic Research*, January 2005. <http://books.nap.edu/catalog/11177.html>
- **Council on Competitiveness**, National Innovation Initiative (NII), *Innovate America Report*, December 2004. Omnibus legislation aimed at implementing key NII recommendations to be introduced by Senator Ensign and Senator Lieberman in the fall. <http://www.compete.org>
- **National Intelligence Council**, *Mapping the Global Future*, **Central Intelligence Agency**, December 2004. http://www.cia.gov/nic/NIC_globaltrend2020.html.
- **Office of Senator Joseph I. Lieberman**, *Offshore Outsourcing and America's Competitive Edge: Losing Out in the High Technology R&D Services Sectors*, May 11, 2004. <http://lieberman.senate.gov/documents/whitepapers/Offshoring.pdf>
- **Electronic Industries Alliance (EIA)**, *The Technology Industry at an Innovation Crossroads*, May 2004. http://www.eia.org/docs/innovation_playbook.pdf

Books:

- **Richard Florida**, *The Flight of the Creative Class: The New Global Competition for Talent*, Harper Collins, 2005.
- **Ted C. Fishman**, *China, Inc.: How the Rise of the Next Superpower Challenges America and the World*, Simon & Schuster, Inc., 2005.
- **Thomas L. Friedman**, *The World Is Flat: A Brief History of the Twenty-first Century*, Farrar, Straus and Giroux, 2005.
- **Edward E. Gordon**, *The 2010 Meltdown: Solving the Impending Jobs Crisis*, Praeger Publishing, 2005.
- **David Heenan**, *Flight Capital: The Alarming Exodus of America's Best and Brightest*, Davies-Black Publishing, 2005.
- **Kent H. Hughes**, *Building the Next American Century: The Past and Future of American Economic Competitiveness*, Woodrow Wilson Center Press, 2005.
- **Clyde Prestowitz**, *Three Billion New Capitalists: The Great Shift of Wealth and Power to the East*, Basic Books, 2005.
- **Oded Shenkar**, *The Chinese Century : The Rising Chinese Economy and Its Impact on the Global Economy, the Balance of Power, and Your Job*, Wharton School Publishing, 2005.

Workshop/Conference Proceedings and Summaries:

- **The National Summit on Competitiveness: Investing in U.S. Innovation**, December 6, 2005. Sponsored by the U.S. Department of Commerce at the request of Rep. Frank Wolf. Hosted by the AeA, the Business Roundtable, the Council on Competitiveness, the National Association of Manufacturers, the Northern Virginia Technology Council and George Mason University. <http://www.usinnovation.org/>
- **Accelerating Innovation Foundation**, *Accelerating Innovation 2005 Conference*, October 2005. <http://innovationconf.org/>
- **National Defense Industrial Association (NDIA) and Aerospace Industries Association (AIA)**, *National Security Workforce: Challenges and Solutions Workshop Proceedings* December 2004. http://www.ndia.org/Content/NavigationMenu/Meetings_and_Events/Past_Events/534E_National_Security_Workforce.htm

Letters and Correspondence:

- **Rep. Frank Wolf (R-VA)**, Letter to President Bush urging the tripling of nation's innovation budget - federal basic research and development - over the next decade. <http://www.house.gov/wolf/news/2005/05-03innovation.html>.