

AAAS and Science Education Policy

Jo Ellen Roseman

Project 2061 Director

AAAS, Advancing Science, Serving Society

AAAS Policy Resources: Evolution

http://www.aaas.org/news/press_room/evolution/

- **"Texas Case Threatens Education and Competitiveness Nationally,"** Peter Agre and Alan I. Leshner, *San Antonio Express-News* online edition, 23 March 2009
- **"Board's Actions Could Put Students at a Disadvantage,"** Alan I. Leshner, *Houston Chronicle*, 22 October 2008
- **"'Academic Freedom' Bill Dangerous Distraction,"** Alan I. Leshner, *Shreveport Times*, 28 May 2008
- **Letter to Oklahoma Governor Brad Henry,** Alan I. Leshner, 14 May 2008
- **"Free Florida's Students From Lagging Behind"** Alan I. Leshner and Maryann Fiala, *Orlando Sentinel*, 7 April 2008
- **"Teaching Evolution and Creationism"** Alan I. Leshner, *The Diane Rehm Show*, American University Radio (WAMU), 7 January 2008

AAAS Policy Resources: Climate Change

http://www.aaas.org/news/press_room/climate_change/

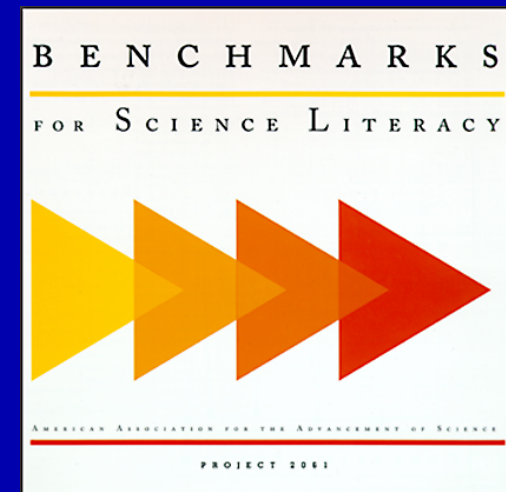
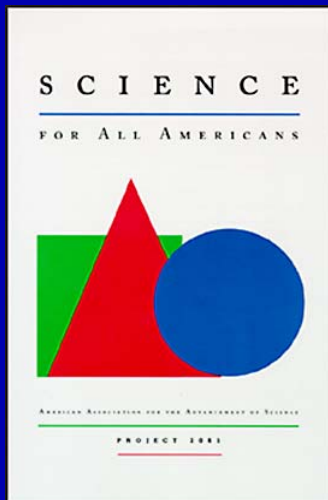
- "[Don't let the climate doubters fool you](#)," Alan I. Leshner, WashingtonPost.com, 9 December 2009 (at [WashingtonPost.com](#) or as a [PDF](#))
- "[Holdren on Letterman](#)," past AAAS President John P. Holdren talking to Dave Letterman about climate change, *The Late Show*, CBS, 17 April 2008
- "[Time to get serious about climate change](#)," by John P. Holdren, past AAAS President, director of the Woods Hole Research Center and the Teresa and John Heinz Professor of Environmental Policy at Harvard University, and Alan I. Leshner, AAAS CEO and executive publisher of *Science*, *San Francisco Chronicle*, 30 July 2006

AAAS Policy Resources: Science Standards

http://www.aaas.org/programs/centers/pe/news_svc/#commentary

- "[School Standards Needed](#)," Alan I. Leshner and Jo Ellen Roseman, *Daily News-Miner* of Fairbanks, AK, 17 June 2009
- "[Adopt National Standards to Help Children Compete](#)," Alan I. Leshner and Jo Ellen Roseman, *Houston Chronicle*, 10 June 2009
- "[A Wake-up Call for Science Education](#)," Alan I. Leshner, *Boston Globe*, 12 January 2009
- "[National Standards: The time is now for Washington to heed the call](#)," Alan I. Leshner, *The Washington Times*, 15 August 2007

A Coherent Set of Science, Mathematics, and Technology Learning Goals for All Students



Goals-Based Implementation Tools

- R&D process and criteria for assessment analysis and design
- Science assessment items
- R&D process and criteria for analysis and design of curriculum materials and teaching,
- Research findings on student understanding and on the quality of curriculum materials and teaching

How NARST Can Influence Policy

- Conduct research in areas that policy makers care about.
- Translate and interpret research to make clear how it informs policy issues.
- If you have data and sound arguments to support certain policy positions, work through legislative liaisons to get the message to policy makers.