



CSPO Perspectives

"Nanotechnology Under Democratic Control?" by Edward Woodhouse is now available on the CSPO website at <http://www.cspo.org/home/perspectives/>. Ned is a professor in the Department of Science and Technology Studies, Rensselaer Polytechnic Institute.

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Will Human Enhancement Make Us Better?

The flip of the steroid scandal in baseball is the announcement of the first cloned dog. Ballplayers are punished for using pharmaceutical technologies to improve their physical abilities, while scientists are rewarded for pushing toward a similar goal — in the words of artificial intelligence techno-visionary Ray Kurzweil, "reverse engineering our biology and then reprogramming it." In this opinion piece for the *Los Angeles Times*, Dan Sarewitz questions the notion that nothing but good can come from human-performance enhancement. The article can be found on the CSPO website at <http://www.cspo.org/ourlibrary/articles/HumanEnhance.htm>.

Nanotechnology and the Developing World: Will Nanotechnology Overcome Poverty or Widen Disparities?

Nanotechnology proponents expect that it will offer solutions to key problems facing developing countries. In this *Nanotechnology Law and Business* article, Noela Invernizzi and Guillermo Foladori argue that this optimistic view overlooks the social factors that shape science and technology development. They argue that applications that may benefit poorer nations are only a starting point and that dominant socioeconomic hierarchies may still prevent nanotechnology from benefiting the poor. By recognizing these realities, the nanotechnology community can avoid repeating the mistakes of the pharmaceutical and biotechnology industries and enable nanotechnology to become a tool to alleviate rather than widen disparity. The article is available at <http://pubs.nanolabweb.com/cgi/viewcontent.cgi?article=1089&context=nlb>.

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College of Liberal Arts and Sciences
PO Box 874401, Tempe AZ 85287-4401, Phone: 480-727-8787, Fax: 480-727-8791
<http://www.cspo.org> . Email: cspo@asu.edu