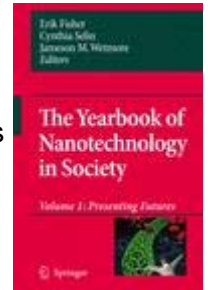




Yearbook of Nanotechnology in Society

The first volume of the *Yearbook of Nanotechnology in Society: Presenting Futures* will be published this summer. Edited by CSPO Assistant Research Professors **Erik Fisher** and **Cynthia Selin** and CSPO Assistant Professor **Jameson M. Wetmore**, this volume highlights a variety of ways that nanotechnology actors think about and seek to shape the future. The chapters document various approaches to the future and how contemporary cultural conceptions about science, technology, and society are created and ultimately influence our own cognitive frames, social contests, and material practices. For more information, visit <http://www.springer.com/economics/r+%26+d/book/978-1-4020-8415-7>.



Characterizing the Public Value of Interagency Climate Science

At last month's Copenhagen International Public Value Workshop, CSPO graduate research associate **Ryan Meyer** presented his research on the public value of interagency climate science in the United States, focusing on the 1990 Global Change Research Act's requirement of making progress toward addressing the climate change problem. The text of Ryan's talk is available at www.cspo.org/documents/Public%20Value%20of%20Interagency%20Climate%20Science%20PDF.pdf and other papers presented at the workshop can be accessed at www.polsci.ku.dk/english/public_value_workshop/workshop_papers/.

Trends in Ecological Research

In an article recently accepted for publication in the journal *Scientometrics*, CSPO graduate research associate **Mark Neff** and CSPO affiliate **Elizabeth Corley** use bibliometrics to examine trends in subjects and methods of ecology over the past 35 years. Their analysis, based on the nearly 160,000 articles published in ecology journals, reveals a number of themes that have exhibited strong growth across that discipline's varied subfields, such as predictive modeling, climate change, and the use of genetic techniques within ecological studies. Not all of ecology has grown to this same extent—the relative amount of attention dedicated to net photosynthesis, primary production, and a number of other themes has significantly decreased. Tracking these changes in the subjects and methods of ecology improves our understanding of the policies and processes that shape research priorities. Because research conducted in the earth sciences (e.g., ecology) plays a central role in identifying and framing environmental policy problems, knowledge of how research priorities emerge is critically important to understanding the role that science plays in broader policy processes. For more information, contact Mark.Neff@asu.edu.

Agricultural Adaptation and Technological Innovation in Nepal

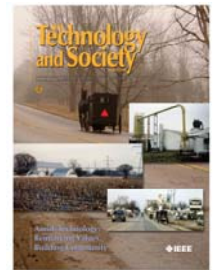
CSPO Assistant Professor **Netra Chhetri** gave a presentation on agricultural adaptation and technological innovation in Nepal on June 2, 2008, at the DFID/DSA Policy Forum on International Development in the Face of Climate Change. The Forum was jointly organized by DFID (U.K. Department for International Development), DSA (Development Studies Association), the Tyndall Centre for Climate Change Research, SouthSouthNorth, and the University of Greenwich. Netra's presentation is available at http://www.cspo.org/documents/Chhetri_DIFID_DSA.pdf. Additional information on the Policy Forum, including the discussion group summary reports, is available at <http://climateanddevelopment.nri.org/>.

National Citizens' Technology Forum on Human Enhancement, Identity and Biology

The Center for Nanotechnology in Society (CNS) at Arizona State University held its first National Citizens' Technology Forum (NCTF) during March. Seventy-four individuals at six locations across the country participated in a unique effort to formulate recommendations about how to manage an emerging array of technologies that promise to substantially and powerfully enhance human abilities. Details about the NCTF process, as well as the reports written by citizens at six locations, are now available at <http://www4.ncsu.edu/~pwhmds/>. For more information on the Center for Nanotechnology in Society at Arizona State University, visit cns.asu.edu. For highlights from the CNS Year 3 Annual Report, visit cns.asu.edu/highlights/. To receive news about CNS-ASU activities and other items of interest regarding nanotechnology in society, subscribe to the newsletter by contacting cns@asu.edu.

Award Winning Article on Amish Technology

CSPO Assistant Professor **Jameson Wetmore** was awarded the Society of Technical Communication–Philadelphia Metro Chapter's 2007 Award of Excellence in Technical Publications for "Amish Technology: Reinforcing Values and Building Community." Jamey attended the June 2008 International Symposium on Technology and Science in Fredericton, New Brunswick, Canada to receive the award. The article is available at <http://www.cspo.org/documents/Wetmore-AmishTechnology-v2.pdf>.



NanoFutures: Exploring the Future of Nanotechnology

In May 2008, the Center for Nanotechnology in Society (CNS) at Arizona State University launched the [NanoFutures](http://cns.asu.edu/nanofutures/) project, inviting citizens, scientists and engineers, social scientists, policy makers, and others interested in nanotechnology to assess the potentials and perils of nano-enabled futures. The website (<http://cns.asu.edu/nanofutures/>) presents six possible futures of nanotechnology that are extrapolations from actual current nanotechnology developments vetted by scientists working in nanoscale research. Their realistic nature should stimulate users to reflect upon the meanings, potentials, and problems surrounding nanotechnology. The goal is to cultivate our collective ability to govern the implications of our technological ingenuity. On the NanoFutures site, users can read the scenes, revise them via a wiki (or create alternate scenes), and post comments about the scenes.

Transhumanism, Technology, and Culture

CSPO Co-Director **Dan Sarewitz** and CSPO affiliate **Brad Allenby** spent the past year as [Templeton Research Fellows](#) with the [Center for the Study of Religion and Conflict](#). This year the focus was on transhumanism, technology, and culture. In the fall, Brad gave a Templeton Lecture on "From Human to Transhuman: Technology and the Reconstruction of the World" (available at <http://www.cspo.org/documents/Templeton%20Public%20Lecture%20-%20FROM%20HUMAN%20TO%20TRANSHUMAN.pdf>) and this spring Dan's Templeton Lecture asked the question "Can Technology Make You Better?" (available at http://www.cspo.org/documents/Sarewitz_TransH1-TechMakeUBetter-circ.pdf). Related to these events, Brad and Dan hosted a Lincoln Center Seminar on Real Life Ethics focused on "The Ethics of Transhumanism" and Dan presented the keynote address at the Templeton-sponsored Workshop on Transhumanism and the Meanings of Progress. His talk, "Technology in the Culture of Progress," is available at http://www.cspo.org/documents/Sarewitz_TransH2-TechandProgress-circ.pdf.

CSPO Fulbright Scholars

CSPO intern **Taylor Spears** and former CNS intern **Zachary Pirtle** both received [Fulbright](#) grants for the coming academic year. Taylor, a recent graduate in economics and math, will enter a master's program in science and technology policy at the University of Sussex in England. Zach, currently an ASU master's student in environmental engineering, will study developments in nanotechnology in Mexico and their consequences, interviewing key researchers and scientists.

CSPOres in the World

CNS interns **Derrick Anderson** (BS Political Science with a certificate in International Studies) and **Rebecca Hudson** (BS Economics with a minor in Political Science) graduated in December 2007. Derrick has spent the last six months working as a management intern at CSPO and, this fall, will begin a Master of Public Policy at ASU focused on science and technology policy. Rebecca worked as an intern for the Arizona Department of Environmental Quality from January to May and this fall she will be working towards a Master in Public Administration with an emphasis in environmental and natural resource management, along with a MS in Environmental Studies at the University of Washington. **Dr. Quinn Spadola**, a member of the first class of CNS-Biodesign Fellows, completed her PhD in Physics this May and will be moving to sunny Bozeman, MT, to begin an MFA program in Science and Natural History Filmmaking at Montana State University. This fall, **Shannon Lidberg**, a CNS research assistant who graduated in May with a Master of Science in Design, will begin the new ASU PhD program in the Human and Social Dimensions of Science and Technology. Shannon will continue to work with CNS on projects that examine the relationship between people and technology. SPARC intern **Uven Chong** graduated in May with a BS in Mechanical Engineering and a BA in Economics. Uven will spend part of the summer in Ecuador working with Engineers without Borders and then head to the University of Cambridge (UK) to begin a Master of Philosophy in Engineering for sustainable Development. CSPO/CNS intern **Richard (Tobie) Milford** graduated in May with a BS in Biology and Society. This fall Tobie will be part of the MS program in Biology in Society at ASU. CSPO intern **Taylor Spears** graduated in May with a BS in Economics and a BS in Math. This fall Taylor will begin a Master of Philosophy in Science and Technology Policy at SPRU – Science and Technology Policy Research at the University of Sussex (UK).

CSPawn

We've had a CSPO baby boom this year: In October, **Regan Anne Marie** was born to CSPO management intern **Derrick Anderson**. Former CSPO Administrative Associate **Misty (Wing) Drye** gave birth to daughter **Addison Rose** in November. December saw two births, a little girl, **Phoenix Samia**, to CNS graduate research associate **Sean Hays** and a little boy, **Samuel Francis**, to CSPO Associate Research Professor **Daniel Barben**. And in early June, **Jay David** was born to Associate Professor **Clark Miller**.

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