



The Rightful Place of Science?

CSPO Conference 2010
May 16-19 / Tempe, Arizona

You're invited

CSPO Conference 2010: Next Generation of Science and Technology Policy Leaders

Concurrent with its conference *The Rightful Place of Science?*, CSPO is conducting an NSF-funded Workshop for the Next Generation of Science and Technology Leaders, which aims to build a community of science policy scholars who can span the terrains of intellectual inquiry and real-world practice. Participants will present at roundtable sessions throughout the conference, sharing their work within CSPO's program areas: Responsible Innovation; Sustainability and Adaptability; Science, Technology and Global Affairs; Technological Systems and Infrastructures; Healthy and Just Societies; and Securing Our Common Future. Congratulations to the select group of 12 who have been chosen to participate:

- **Elizabeth Popp Berman**, assistant professor, Department of Sociology and Department of Public Policy, University at Albany, SUNY
 - **Adam Brigggle**, assistant professor, Department of Philosophy and Religion Studies, University of North Texas
 - **Samuel A. Evans**, postdoctoral fellow, Program on Science, Technology, and Society and School of Engineering and Applied Sciences, Harvard University
 - **Lekelia "Kiki" Jenkins**, postdoctoral scholar and research associate, School of Marine Affairs, University of Washington
 - **Florian Kern**, research fellow, SPRU – Science and Technology Policy Research, University of Sussex
 - **Jeremy S. Littell**, research scientist, JISAO CSES Climate Impacts Group, University of Washington
 - **Jennifer A. Liu**, Freeman Foundation Postdoctoral Fellow, Center for East Asian and Pacific Studies, University of Illinois
 - **Dean Nieusma**, assistant professor, Science & Technology Studies, School of Humanities, Arts and Social Sciences, Rensselaer Polytechnic Institute
 - **Gwen Ottinger**, program researcher, Center for Contemporary History and Policy, Chemical Heritage Foundation
 - **Mark Schafer**, director of Climate Services, Oklahoma Climatological Survey, The University of Oklahoma
 - **Sonja D. Schmid**, assistant professor, Department of Science & Technology in Society, Virginia Tech
 - **Jeannette Sutton**, disaster sociologist, Institute of Behavioral Science, University of Colorado at Boulder, and assistant research professor, Trauma, Health and Hazards Center, National Institute for Space, Science and Security Centers, University of Colorado at Colorado Springs
- [\[Find out more about conference\]](#)

Ponder Now

The health care reform sky is falling

As a former health care administrator, **Catherine Slade**, a CSPO postdoctoral research associate discusses the current push back on health care reform in her current Soapbox post, "[The Health Care Reform Sky is Falling.](#)" She believes that it is more the result of lack of understanding of broken parts of the system and how the system evolved over the last 50 years rather than rejection of the need for reform. [\[Go to Soapbox\]](#) [\[Subscribe now\]](#)



"On humid summer mornings, weather forecasters will often predict an afternoon thunderstorm, but sensible people know they probably won't have to cancel plans for a picnic," says Dan Sarewitz in *Nature*.



"Informing scientists and engineers in-the-making of how they participate in ongoing

CSPO debuts searchable online library

CSPO has unveiled its new online library, a large repository of a variety of publications and presentations by current and past CSPO and Center for Nanotechnology in Society (CNS) personnel and affiliates that relate to CSPO's mission and work. The library database is updated on a continuing basis, and it is fully searchable. Also, it is indexed by author, title, year and publication type for easy reference. Bookmark the CSPO Online Library as a primary source for expert information and research findings. [\[Visit the library\]](#)

Tomorrow never knows

Science should focus more on understanding the present and less on predicting the future, argues **Dan Sarewitz** in his January column "**Tomorrow never knows**" in *Nature*. "Strange as it may seem, the right lessons for the future of climate science come not from the success in predicting thunderstorms, floods and hurricanes, but from the failure to predict earthquakes," says Sarewitz. "If wise decisions depended on accurate predictions, then in most areas of human endeavor wise decisions would be impossible." [\[Nature issue online\]](#)

Learn Now

Summer session in Washington, D.C.

Now in its fifth year, "**Science Outside the Lab: A Policy (dis)Orientation**" is a hands-on and on-location summer experience in Washington, D.C. for science and engineering graduate students from around the globe. It is the only program of its kind, providing an intensive 2-week immersion in the policy and culture of our nation's capital with unparalleled access to the people who fund, regulate, shape, critique, publicize and study science. There will be two sessions this year: Session I, May 24-June 4, and Session II, June 14-25. The program fee is \$3,500 and includes all program activities and materials, lodging, food and transportation while in Washington, D.C. For more information and an application, contact CSPO faculty member, **Ira Bennett**, at Ira.Bennett@asu.edu. [\[download flier\]](#)

Application deadline extended for Professional Science Masters

CSPO now offers a one-year **Professional Science Master's Degree program in Science & Technology Policy**. Housed jointly by the ASU College of Liberal Arts and Sciences and the Graduate College, in partnership with CSPO, the program provides students with essential skills, knowledge and methods for analyzing innovation, expertise and large-scale technological systems, with particular emphasis on the political and societal impacts of science and technology. The deadline to apply for Fall 2010 has been extended. Priority consideration will be given to those applications received by April 1, 2010. If openings remain, applications will continue to be accepted through June 15, 2010. [\[More on PSM\]](#) [\[List of CSPO affiliated degrees\]](#)

Read Now

A case for students' informed consent

CSPO's **Erik Fisher** and Michael Lightner, a professor at the University of Colorado and a former president and CEO of IEEE, have published a paper in the latest issue of *Social Epistemology*. The paper, "**Entering the Social Experiment: A Case for the Informed Consent of Graduate Engineering Students**," argues that engineering research laboratory directors have a responsibility to inform graduate engineering students who participate in their research projects of the potential broader social dimensions of those projects. They suggest that the budding scientific and engineering workforce should be given opportunities to engage in laboratory discussions that situate the technical aspects of research within broader social and ethical contexts, and that such discussion can be integrated directly into the group research meetings and mentorship activities that typically already go on. Moreover, they say, it can actually be seen to benefit engineering practices. [\[Read more\]](#)

Teacher education accreditation in Turkey

CSPO faculty member, **Gary Grossman**, has coauthored a paper in the January issue of *International Journal of Educational Development*. "**Teacher Education Accreditation in Turkey: The Creation of a Culture of Quality**," with coauthors Margaret K. Sands and Barbara Brittingham, examines the introduction of new standards of accreditation into the dynamic environment that characterized Turkish teacher

projects of social experimentation would respect their moral integrity—and at the same time help them become more effective
public agents of disclosure when such civic roles are called for,” says Erik Fisher, CSPO assistant professor and principle investigator on the Socio-Technical Integration Research (STIR) project.

education in the late 1990s and analyzes the response of teacher educators to the introduction of accreditation criteria and the way in which they were introduced. [\[Read more\]](#)

Of risks and regulations

CSPO & CNS associate professor, **Elizabeth Corley**, and CNS affiliate **Dietram Scheufele** and graduate research associate **Qian Hu** have coauthored a paper in the October 2009 issue of *Journal of Nanoparticle Research*. "**Of Risks and Regulations: How Leading U.S. Nano-Scientists Form Policy Stances about Nanotechnology**" explores the relationship between nanoscientists' risk and benefit perceptions and their support for nanotech regulation. The authors conclude that nanoscientists are more supportive of regulating nanotechnology when they perceive higher levels of risks; yet, their perceived benefits about nanotechnology do not significantly impact their support for nanotech regulation. [\[Read more\]](#)

Toward anticipatory governance

CSPO co-director, **David Guston**, has coauthored with Risto Karinen, a doctoral student in the School of Politics and Global Studies, a chapter in the newly published *Sociology of the Sciences Yearbook, Governing Future Technologies: Nanotechnology and the Rise of an Assessment Regime*. "**Toward Anticipatory Governance: The Experience with Nanotechnology**" explores "the concept of anticipatory governance, one of the ways that scholars are developing not only to study nanotechnologies but to begin to integrate their work with NSE research, engage the public about its priorities and values, and anticipate and assess nanotechnological futures." [\[Read more\]](#)

Listen Now

Bodily assistive devices and sport

Who will be the future Olympic and Paralympic athlete? CSPO affiliate **Gregor Wolbring** discusses the impact of advances in science and technology and bodily assistive devices on sport in a podcast as part of the online "Intellectual Muscle: The Talks." As Canada prepares to host the world's best, Vancouver 2010, The Globe and Mail and the University of British Columbia, in collaboration with universities across Canada, are partnering on this unique project inviting the public to flex their intellect via podcasts by some of the country's best minds on topics related to the 2010 Winter Games. [\[Listen now\]](#)

Congratulate Now

CSPO welcomes new affiliate faculty

- **Karin Ellison**, associate director, Center for Biology and Society, ASU School of Life Sciences
- **Monica Casper**, director of the Division of Humanities, Arts and Cultural Studies, ASU New College of Interdisciplinary Arts & Sciences
- **Jim Collins**, Virginia M. Ullman Professor of Natural History and Environment, ASU School of Life Sciences
- **Joel Garreau**, Lincoln Professor of Law, Culture and Values and director of The Prevail Project: Wise Governance for Challenging Futures, ASU Sandra Day O'Connor College of Law

Support now

CSPO thrives with your support

Your involvement with CSPO at any level is appreciated. The continued success of CSPO depends on you. If you would like to show your support through a financial contribution, we have set up a secure **online form** for your convenience. Your financial contribution is tax deductible, and will be processed by the ASU Foundation, a nonprofit organization that exists to support Arizona State University. Your contribution to CSPO is greatly appreciated. Thank you! [\[Support CSPO\]](#)

"The important thing in science is not so much to obtain new facts as to discover new ways of thinking about them."

Consortium for Science, Policy and Outcomes

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- Sir William Bragg (1862-1942)