

Publications Review CNS-ASU Contributions in Anticipation & Engagement

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CNS-ASU's central, strategic vision is "anticipatory governance," or the capacity to manage emerging technologies before they become unmanageable. While many in the science and technology studies (STS) accept considerations of social responsibility and long-term

outcomes as an essential part of the innovation process, other STS circles remain critical.

Much of critics' resistance to anticipatory governance, David Guston asserts in the April 2014 issue of SSS, can be tied to incomplete understanding of what anticipatory governance actually is. To engage with those critics, Guston examines the genealogy of "anticipatory governance" to provide a more nuanced understanding of its definition, theories, practices, and intentions. He also addresses three central critiques that focus on anticipatory governance's closeness to nanotechnology, the public, and technosciences, proximities that often raise skepticism.

Guston, D. Understanding 'Anticipatory Governance.'
Social Studies of Science 44(2): 218-242.
doi: 10.1177/0306312713508669

Moving citizens from understanding to engagement offers the opportunity to improve both democratic participation and scientific literacy, asserts David Guston in the January 2014 issue of *Public Understanding of Science*.

To that end, he reviews the public engagement activity and outcomes of the National Citizens' Technology Forum on nanotechnology and human enhancement. He continues with a discussion of two spin-off activities—the Danish Board's global engagement activity World Wide Views and the more concrete and experiential material deliberation activities of CNS-ASU.

He concludes that while engagement cannot overcome all of the challenges to democracy or for science, they do provide solid opportunities for intervention.

Guston, D. Building the Capacity for Public Engagement with Science in the United States. *Public Understanding of Science* 23(1): 53-59.
doi: 10.1177/0963662513476403



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