

Suggested Projects: White House Innovation Fellows
3 - An <http://www.videocast.nih.gov> for Energy Research
and Fast Discovery Science

I [suggest] a global Webcasting service and online archive (using Internet technology) to accelerate scientific innovation in energy research and other fields. Beginning with Department of Energy capture points, the project will identify leading edge research colloquia and lecture series, upload them to a DOE site, and Webcast and archive them. This DOE service will provide leading edge energy research ideas (often 1-2 years ahead of print publication) quickly, and without charge, to desktops worldwide. The Website will include user-friendly features (Viewers Who Watched this Presentation Also Viewed . . .). Copies of papers, abstracts, and links to the authors' own Websites will be included.

The Energy Research Service can evolve into a broader government service, with uploads from leading scientific centers and professional societies.

This vision to accelerate science by wider access to government resources builds on <http://www.videocast.nih.gov> that uses the NIH campus as a capture point . (Their service benefits NIH directly: it allows time-shifted viewing by many NIH scientists who can attend in person.) An NIH Director's series flags (for researchers at its 27 Institutes and Centers and to wider audiences) high-visibility presentations of new ideas that can cut across disciplinary boundaries. The service also is available to the private sector, without charge, to accelerate their work and translational medicine. Academic researchers, graduate students, and undergraduates can have immediate desktop access to leading edge ideas even if library budgets are restricted or where the scientific funds for national and international travel are being limited. The speakers' series of every 4-year college in the country will be upgraded to a level that only leading DOE labs and research universities can afford.

I [suggest building] the site with a Department of Energy - After Hours area where student conferences, presentations, and discussions also can be uploaded.

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