



Call for Participation and Speaker Nominations

NSF Cyberlearning Research Summit
Wednesday, January 18, 2012, Washington, DC
<http://cyberlearning.sri.com>

The Cyberlearning Research Summit will be a high-profile gathering in Washington DC, featuring top quality research-based speakers, who will share visions for the future of learning with emerging technologies, in style of the TED conferences. Building on those visions, participants will gather as birds-of-a-feather to crystallize a sense of the unique opportunities that should be the focus of the research community now. We seek a community sense of how to couple the learning sciences with related fields of innovation to leverage new technology affordances for the deepest learning outcomes. Through the contributions of diverse participants, the summit seeks to exemplify the “transformative potential” of cutting edge research and development to dramatically advance learning – and is expected to be influential in identifying promising directions for advanced R&D efforts. The summit is sponsored by the National Science Foundation as a means to engage the community in accelerating the focus on transformative R&D in Cyberlearning and related programs, and is hosted by SRI International, the National Geographic Society, and the Lawrence Hall of Science, signaling a strong commitment to innovative STEM learning both in schools and beyond schools.

Topics of Interest

We invite presenters who will give short lively uninterrupted talks about a *cyberlearning idea that matters*, in the style of the TED conference, on topics such as:

- Augmented Reality
- Data Acquisition and Sensors
- Deeply Digital Texts
- Distributed Sensing
- Educational Data Mining
- Full-body and Intelligent Interfaces
- Large-scale Interactive Media
- Mobile Learning
- Peer Production
- Programmable Learning Environments
- Serious Gaming
- Smart Representations
- Social Media
- Virtual Learning Communities
- Visualization

Objectives of the summit include:

- Developing and articulating a clear role for emerging technology in the process of learning.
- Addressing not only an individualized or personalized view of learning, but also the equally important view of learning as social and cultural and as something that people best do together.
- Seeing how the process of learning can be connecting across the different settings of everyday life, allowing meaningful ties among across school, home, community and other sites of learning.
- Envisioning the necessary systems to bring learners, technologies, content, and context could come together in cohesive ways

- Articulating new approaches to democratizing access to advanced STEM knowledge and accelerate learners' progress along learning progressions towards deep disciplinary understandings.
- Generating excitement and stimulating interest in pursuing innovative cyberlearning research.

Becoming a Participant

There is no fee to attend the conference and all talks will be webcast live on the day of the event, allowing a broader audience to watch and interact. To facilitate collegial participation at the physical location of the summit, in-person attendance will be limited to a total of 25 speakers and 75 additional participants (not including NSF and other government attendees).

We encourage participation from NSF's Cyberlearning: Transforming Education program grantees as well as from researchers, professionals, educators, and students in the U.S. and around the world whose work resonates with the theme of "cyberlearning." To the extent it is necessary to select among applications, our program committee will seek to ensure diverse participation. Beyond this goal, selection to the physical event will be by lottery and all participants will be invited to attend by webcast. Participants must cover their own travel expenses, but food and drinks will be provided during the day.

To apply to participate, visit: <https://www.surveymonkey.com/s/1-18-12SummitApplication>

Nominating a Speaker

We ask members of communities that participate or could participate in Cyberlearning to nominate speakers. We are particularly looking for nominations of speakers who can:

- Share a big idea at intersection of emerging technology and research on learning;
- Articulate the "transformative potential" of a direction or approach;
- Communicate a sense of a research frontier that is broader than their own work;
- Engage, inspire and stimulate others.

The nominee can be:

- An awardee in the NSF Cyberlearning or a related program;
- A university or non-profit based researcher working on STEM learning, teaching, or professional learning within or outside school;
- An industry-based leader who can strongly engage researchers working at the intersection of research on STEM learning and development of transformative technologies

We are not looking for typical conference papers, project reports, or demonstrations of technologies. We are not looking for "solutions" but rather for provocative ideas that can propel cyberlearning research and development forward.

Speakers can self-nominate, if they wish, but should be aware that the selection committee believes in power of social networks to contribute valuable information to the selection process. Thus it is likely to be helpful for a speaker to be nominated by more than one distinct voice. The nomination process is open from **now to October 1, 2011**. Go to <http://surveyMonkey.com/s/NominateSpeaker> to nominate a speaker.

Nominees will be asked to submit a speaker application with a description of their topic, the plan for their presentation, and a sample of their presentation style (which can be a link to a recording of a prior presentation). They will have about two weeks to submit.

Nominations and applications will be reviewed by committee and selected based upon their topic, timeliness and relevance of the topic, the power of the recommendations, and tangible indications that the speaker can meet the criteria above. Honoraria (\$750 USD) will be provided to the accepted speakers.

In addition to nomination of speakers, there will also be opportunities to be engaged in creating a living document that captures the state of our field and where we should be in 5-10 years. This community resource and parallel activity to the Cyberlearning Research Summit will be facilitated by our team of

Cyberlearning Wiki editors (see below), and extended and elaborated by the field. We will also accept nominations or an expression of interest in helping to create this research resource to help support the future of the field.

Meeting Location:

National Geographic Society
1145 17th Street Northwest
Washington D.C., USA

Important Dates

How & When to Submit

All proposals must be submitted online. The online forms, including complete details and instructions, will be available starting **September 1, 2011**.

The deadline for proposal submissions is October 1, 2011.

Final acceptance and regret notifications will be sent by **November 1, 2011**.

The conference will take place on **Wednesday, January 18th, 2012**.

Questions? Contact cyberlearning-info@sri.com

Summit Chairs

Jeremy Roschelle, SRI International, Menlo Park
Sherry Hsi, Lawrence Hall of Science, UC Berkeley

Advisory Committee, Reviewers, & Editors

Daniel Atkins, University of Michigan
Chad Dorsey, Concord Consortium
Daniel Edelson, National Geographic Education Foundation/National Geographic Society
Judi Fusco, SRI International
Margaret Johnson, Google
Chad Lane, University of Southern California
Linda Polin, Pepperdine University
Mimi Recker, Utah State University
Patricia Schank, SRI International

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