

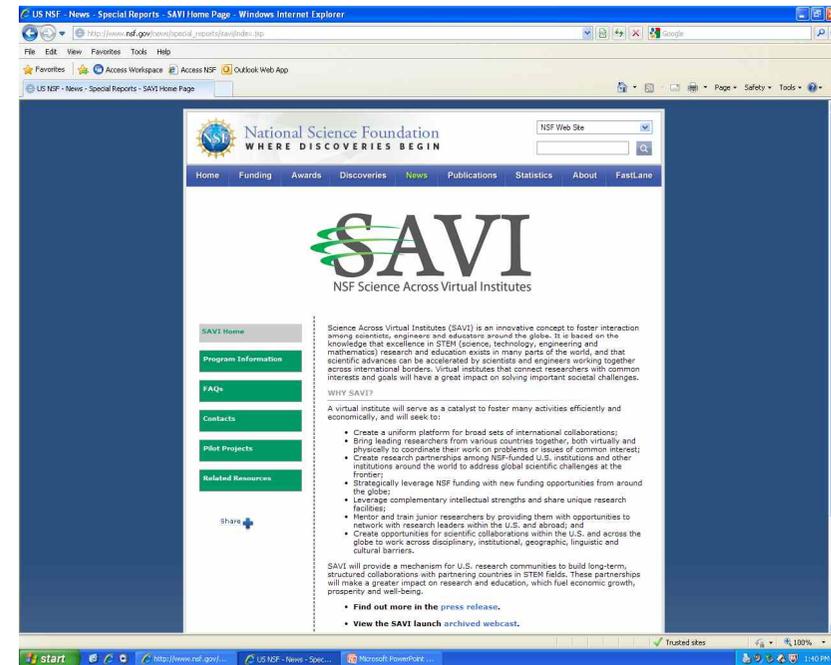


# Science Across Virtual Institutes

## SAVI

[www.nsf.gov/savi](http://www.nsf.gov/savi)  
National Science Foundation

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# SAVI: Overview

- A concept to foster interactions among STEM researchers/ educators around the globe based on the principle that excellence in STEM research and education exists in many parts of the world, and that scientific advances can be accelerated by scientists, engineers, and educators working together wherever they are.
- Builds on many successful practices of international engagement from across NSF to create a structured platform for broad sets of international collaborations.

# SAVI: Objectives

- Stimulate networking among NSF-funded researchers with shared goals to form a coherent team (i.e. a virtual institute);
- Create research partnerships between NSF-funded research centers/institutes and their international counterparts;
- Provide students, postdocs and junior faculty opportunities for research experiences abroad that lead to long-lasting professional relationships; and
- Strengthen connections between NSF and counterpart STEM research funding organizations around the globe by leveraging each other's investments in fundamental research, research infrastructure, and human resource development.

# SAVI: Characteristics

- SAVI is not a stand-alone program. SAVI proposals can be submitted to an existing, active NSF program that best fits the proposed subject matter.
- SAVI will support a team of NSF-funded investigators: A team can be: 1) an existing NSF center/institute awardee; or 2) a virtual center/institute consisting of multiple investigators holding individual NSF awards with shared research/education interests.
- SAVI funds facilitate networking activities— collaborative research, team meetings, focused workshops, advanced study institutes, seminars, college-level courses, international research experiences for students and post-docs.
- \$50,000-\$400,000 / yr for up to 5 years from NSF
- NSF funds support U.S. participants; international partners are to be supported by their own funding sources.

# SAVI: Some Examples

***Wireless Innovation Between Finland and U.S. (Wi.Fi.US)***

***The Physics of Living Systems Student Research Network*** (Brazil, France, Germany, Israel, Singapore, United Kingdom)

***A Max Planck/Princeton Research Center for Plasma Physics***

The image displays two screenshots of web browsers. The left browser window shows the NSF PoLS SRN website, titled "National Science Foundation Physics of Living Systems - Science Across Virtual Institutes (SAVI) Student Research Network". It features a navigation menu on the left with links to Home, North America Nodes, South America Nodes, Europe Nodes, Asia Nodes, Science Across Virtual Institutes (SAVI), Summer Workshops, 2012 - Yale, 2011 - UCSD, OS Campus Ambassadors, Student Members, NSF PoLS Program, Contact Information, and CTBP. The main content area includes a tree icon and text describing the PoLS [graduate] Student Research Network (SRN) as a trans-institutional community-based network of graduate students and graduate student educators. A "NEWS" section highlights "Biophysics and Computation in Neurons & Networks" and "iPoLS: An International SAVI-PoLS meeting for students and faculty will be held in Montpellier, France, April 22-24." The right browser window shows the iPoLS 2012 website, titled "iPoLS 2012". It features a navigation menu on the left with links to Welcome, Venue, Program, Registration, Bursar/Fee waivers, Hotel Reservations, and Contact. The main content area includes a header for "iPoLS April 22-24 in Montpellier France" and a welcome message: "Welcome to the Home page for the iPoLS kickoff meeting to be held April 22-24 in Montpellier France." Below this, it states: "iPoLS is an international network of academic and research groups involved in scientific discovery in the field of physics of living systems. The network is supported currently by the National Science Foundation and the Centre National pour la Recherche Scientifique. Other national funding agencies are currently considering support options." It also lists the objectives of the workshop and the organizers, including Inserm and UFJF.

# SAVI: Contacts

- For foreign investigators: their US partners
- For US investigators: NSF program in the research area of interest
- General inquiries: NSF Office of International Science and Engineering:
  - DeAndra Beck: [dbeck@nsf.gov](mailto:dbeck@nsf.gov) tel: (703) 292-8998
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