



PORTAL
to the Public

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Portal to the Public Network

CAISE Broader Impact Convening
April 7, 2015

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PORTAL to the Public

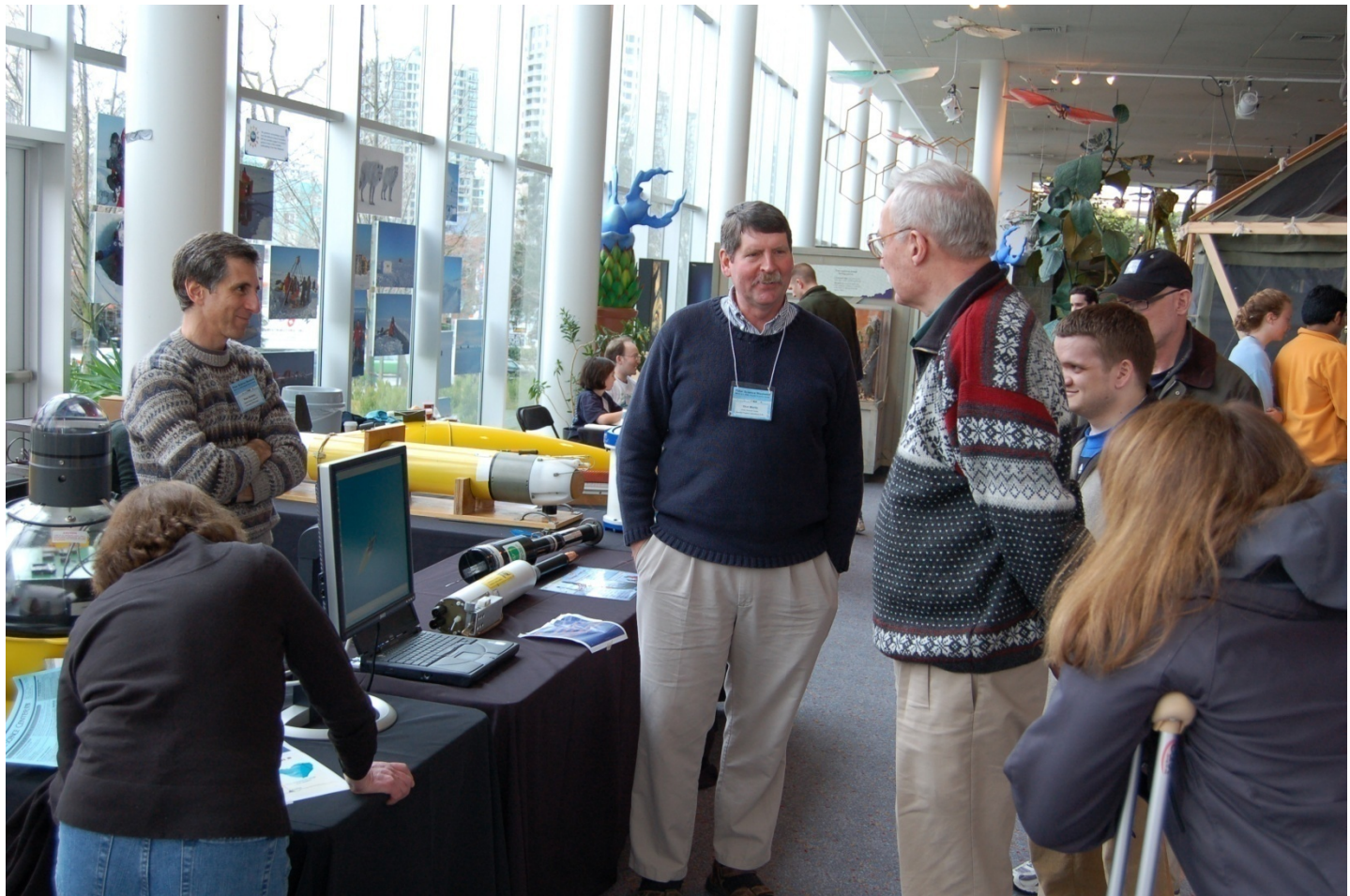
Portal to the Public developed a proven, scalable framework to engage scientists and the public in face-to-face interactions that promote appreciation and understanding of current scientific research and its application





PORTAL
to the Public

Connects to Real Scientists and Real Equipment



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Connects to Real Scientists and Real Equipment



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PORTAL
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Puts A Human Face On Science



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Provides a Role Model



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Science Communication Fellows



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Support for Scientists Professional Development Activity Development Consultation



Workshops are engaging and dynamic!



PORTAL
to the Public



How public audiences learn and understand science



PORTAL to the Public



A chance to reflect, plan and practice



From the perspective of the participating scientists and science-based institution

- Scientists reported an increase in their ability to communicate their work after participating Portal to the Public professional development
- There is strong interest by most scientists to continue their participation
- Although the time commitment was the biggest challenge, there are sufficient numbers of scientists willing to make this commitment because of the value received from the opportunity to reach the public and/or gain public communication skills.
- Scientists appreciated the opportunity to engage with public audiences



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Summative Evaluation and Research

From the perspective of the participating scientists and science-based institution

- Scientists saw the ISE institution as a new forum and access to a new audience for communicating their research
- Scientists appreciated the ease of participating in the program (i.e. venue and materials were ready for them when they arrived)
- The skills they gained transferred to other venues where they had to communicate their research.
- Many scientists identified benefit in participating in their community and networking among like-minded science professionals

Joined in 2007

- 1 Pacific Science Center
- 2 Explora
- 3 North Museum of Natural History and Science

Joined in 2009

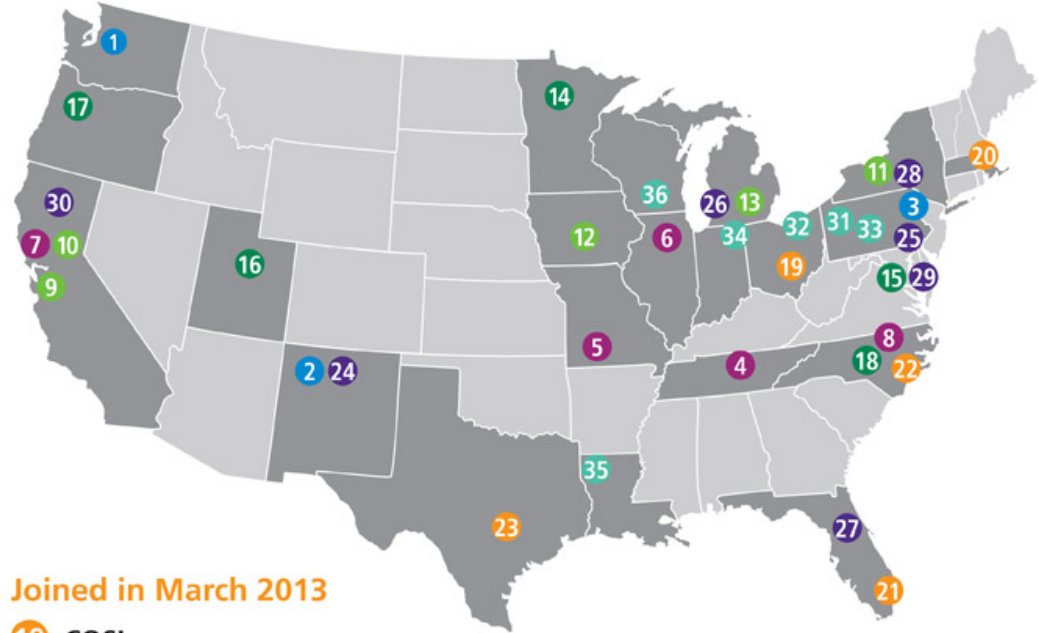
- 4 Adventure Science Center
- 5 Discovery Center of Springfield
- 6 Discovery Center Museum
- 7 Explorit Science Center
- 8 Museum of Life and Science

Joined in June 2012

- 9 California Academy of Sciences
- 10 Powerhouse Science Center
- 11 Rochester Museum & Science Center
- 12 Science Center of Iowa
- 13 University of Michigan Museum of Natural History

Joined in December 2012

- 14 Headwaters Science Center
- 15 Marian Koshland Science Museum
- 16 Natural History Museum of Utah
- 17 Oregon Museum of Science and Industry
- 18 University of North Carolina Morehead Planetarium and Science Center



Joined in March 2013

- 19 COSI
- 20 The Discovery Museums
- 21 Patricia and Phillip Frost Museum of Science
- 22 North Carolina Museum of Natural Sciences
- 23 Thinkery

Joined in December 2013

- 24 Bradbury Science Museum
- 25 Da Vinci Science Center
- 26 Detroit Zoological Society
- 27 Florida Museum of Natural History
- 28 Sciencenter

- 29 Smithsonian Institution National Museum of Natural History
- 30 Turtle Bay Exploration Park

Joined in September 2014

- 31 Carnegie Science Center
- 32 Great Lakes Science Center
- 33 Phipps Conservatory and Botanical Gardens
- 34 Science Central
- 35 Sci-Port: Louisiana's Science Center
- 36 University of Wisconsin-Madison



National Girls Collaborative Project



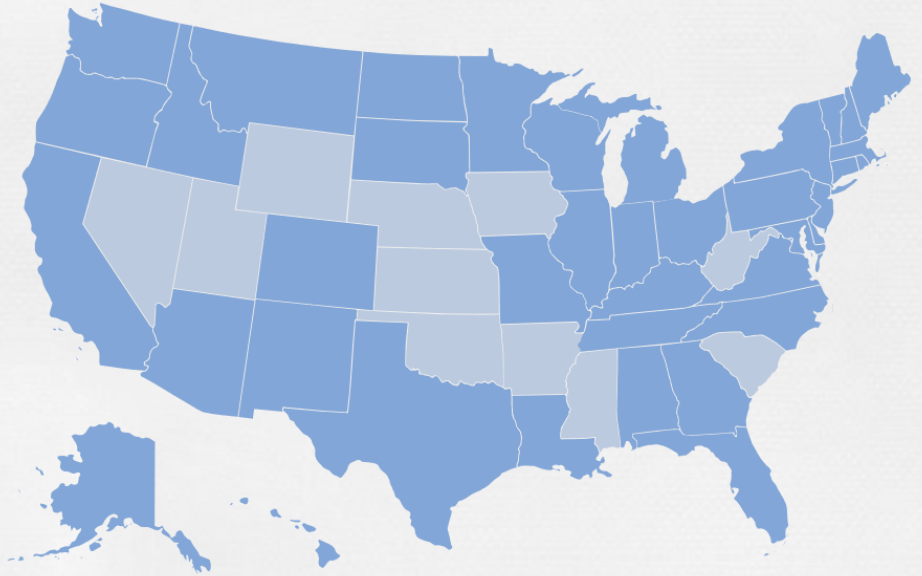
FIND
A Collaborative in your Area.

SUBMIT
Your Program to our Directory.

CONNECT
With Resources and Partners.

Search Collaboratives

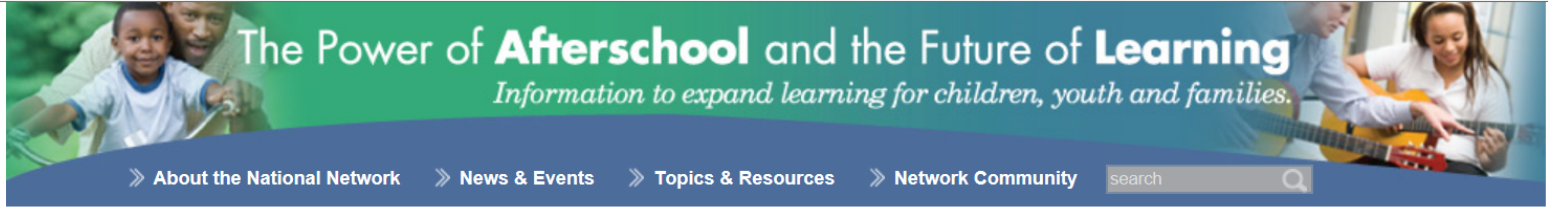
NGCP United States National Regions & Local Collaboratives



This is the United States national page. To search Internationally visit our [Global](#) page.

● States with a Local Collaborative

[VIEW FULL LIST](#)



News in Afterschool

Addressing the Skills Gap Through After-School and Summer Programs

02.17.15
Alli Lidie of the New York State Afterschool Networks explains how afterschool and summer programs help youth develop the skills needed to fill the skills gap.

Return on Investment in Expanded Learning More Than Double for Vermont

01.08.15
VT report finds investment in afterschool and summer learning puts more students on track for college and career success.

Hot Topic

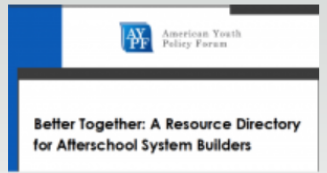


First Outcomes from the National Summer Learning Study

The study, commissioned by The Wallace Foundation, is the first randomized controlled trial to test the effectiveness of large-scale, district-run, voluntary summer learning programs. Early outcomes of the five-year demonstration project in five urban school districts show programs had a significant positive effect on students' mathematics achievement.

▶ more

FEATURED RESOURCE



Better Together: A Resource Directory for Afterschool System Builders

A comprehensive directory that identifies over 50 organizations offering resources and tools on afterschool system building

▶ more

track for college, leading to higher-paying jobs and greater contributions to the state tax base.

▶ [more news in afterschool](#)

Upcoming Events

Indiana Summit on Out-Of-School Learning

04.13.15

Be part of the 2015 Indiana Summit on Out-of-School Learning, the state's most recognized and comprehensive conference on Afterschool!

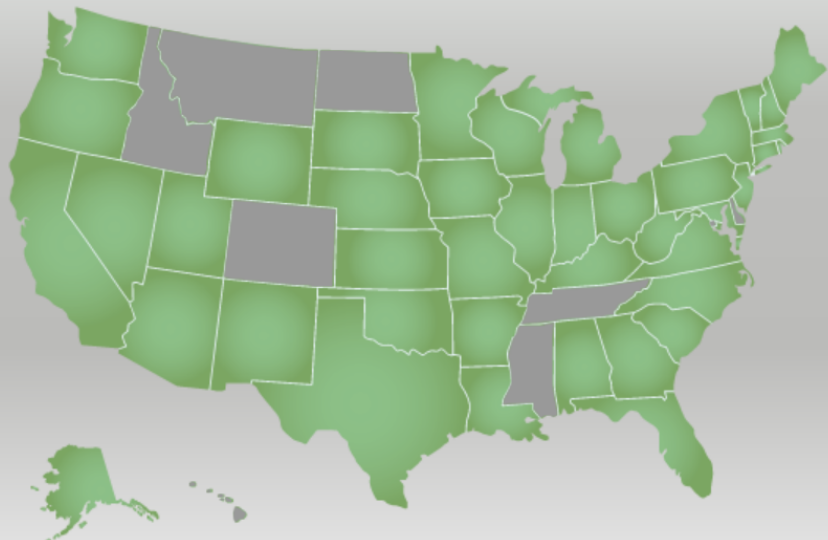
Iowa Impact After School Conference

04.23.15

Join the Iowa Afterschool Alliance or their 3rd Annual Impact After School Conference in Des Moines, IA!

▶ [full calendar](#)

Statewide Afterschool Networks



FIND YOUR NETWORK

Scroll over each state for network information.



- [Find Funding](#)
- [A-Z Index of Funding Opportunities](#)
- [Recent Funding Opportunities](#)
- [Upcoming Due Dates](#)
- [Advanced Funding Search](#)
- [Interdisciplinary Research](#)
- [How to Prepare Your Proposal](#)
- [About Funding](#)

Proposals and Awards

- [Proposal and Award Policies and Procedures Guide](#)
 - [Introduction](#)
 - [Proposal Preparation and Submission](#)
 - [Grant Proposal Guide](#)
 - [Grants.gov Application Guide](#)
 - [Award and Administration](#)
 - [Award and Administration Guide](#)
- [Award Conditions](#)
- [Other Types of Proposals](#)

Centers for Chemical Innovation (CCI) Active Awards

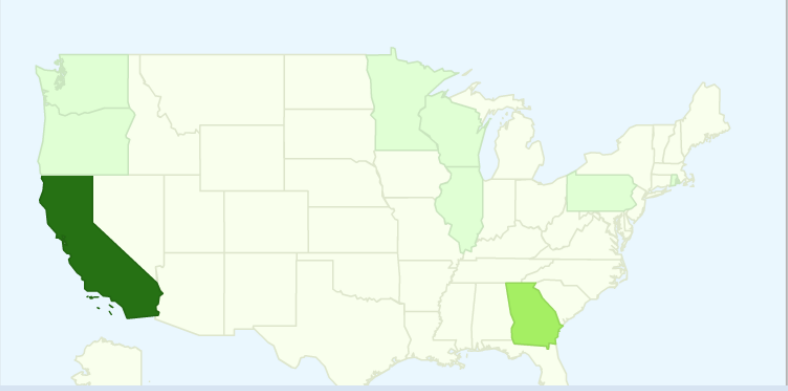
This page displays active awards for CCI graphically. You can also [view lists of awards made by CCI](#) or [view an HTML only version of this page](#).

Click on a state in the map or a name in the table below to view active awards in that state, territory, or country. Note: Territories and countries only appear in the table.

All Awards

Show total number of awards Show total dollar amount of awards

Show only American Recovery and Reinvestment Act of 2009 (ARRA) awards





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Science and Technology Centers - Active

CLASS OF 2013



Biology with X-Ray Free Electron Lasers

Proposal: [1231306](#)
Website: <http://www.bioxfel.org/>
Center Director: Eaton Lattman
Lead Institution:
University at Buffalo
Partner Institutions:
Arizona State University
CFEL Science
Cornell University
The Hauptman-Woodward Institute
Lawrence Berkeley National Laboratory
Lawrence Livermore National Laboratory
Rice University
Stanford University
University of California - Davis
University of California - San Francisco
University of Wisconsin - Milwaukee



MRSEC Centers

[Show addresses]

- Brandeis University Constraints and Frustration in Nano-Structured and Biomolecular Materials
Two page e-brochure: [eMRSEC_Brandeis.pdf](#)
- Colorado School of Mines Renewable Energy Materials Research Science and Engineering Center
Two page e-brochure: [eMRSEC_Colorado_School_of_Mines.pdf](#)
- Columbia University MRSEC Center for Nanostructured Materials, Columbia Center for Integrated Science and Engineering
- Cornell University Cornell Center for Materials Research
Two page e-brochure: [eMRSEC_Cornell.pdf](#)
- Duke University - NC State University - UNC Chapel Hill - NCCU Research Triangle MRSEC
Two page e-brochure: [2012 ebrochure TMRSEC 08102012.pdf](#)
- Georgia Institute of Technology Laboratory for New Electronic Materials
Two page e-brochure: [eMRSEC_Georgia.pdf](#)
- Harvard University Harvard Materials Research Center
Two page e-brochure: [MRSEC_Harvard_PP1.pdf](#)
- Massachusetts Institute of Technology Center for Materials Science and Engineering
Two page e-brochure: [eMRSEC_MIT.pdf](#)

Contact Info

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- [Mailing Addresses](#)
- [MRSEC Directors](#)
- [Education Directors](#)
- [Facilities Directors/Coordinators](#)
- [Industry Outreach Contacts](#)
- [PREM Partners](#)
- [Alumni MRSEC Centers](#)
- [PREM Program Website](#)

Large Facility Projects

Rev: 11/03/14

Facility	Acronym	Location	Status	Recipient	DIR/DIV	Program Officer	Phone	Email
Atacama Large Millimeter Array	ALMA	Chile	Operation	Associated Universities, Inc.	MPS/AST	Philip J. Puxley/ Dana E Lehr	(703) 292-7835	ppuxley@nsf.gov
United States Antarctic Program	ANT	--	Operation	--	GEO/PLR	Scott Borg	(703) 292-7142	sborg@nsf.gov
Antarctic Infrastructure Modernization for Science	AIMS	Antarctica	Planning	Lockheed Martin	GEO/PLR	Brian Stone	(703) 292-7458	bstone@nsf.gov
Arecibo Observatory	AO	Arecibo, PR	Operation	SRI International	MPS/AST and GEO/AGS	Eric Bloemhof and Bob Robinson	(703) 292-8529	mrobinso@nsf.gov
Academic Research Fleet	ARF	Distributed	Operation	Various academic institutions	GEO/OCE	Rose Dufour	(703) 292-8811	rdufour@nsf.gov
Alaska Region Research Vessel	ARRV	Mobile	Construction	University of Alaska, Fairbanks	GEO/OCE	Bauke H. Houtman	703-292-7704	bhoutman@nsf.gov
Regional Class Research Vessel	RCRV	Mobile	Planning	Oregon State University	GEO/OCE	Midsom, Brian P	(703) 292-8145	bmidsom@nsf.gov
Cornell High Energy Synchrotron Source	CHESS	Ithaca, NY	Operation	Cornell University	MPS/DMR	Thomas P. Rieker	(703) 292-4914	trieker@nsf.gov
Geodesy Advancing Geosciences and EarthScope	GAGE	distributed	Operation	UNAVCO	GEO/EAR	Russ Kelz	(703) 292-4747	rkelz@nsf.gov
GEMINI Observatory	GEMINI	Chile, Hawaii	Operation	AURA	MPS/AST	Gary D. Schmidt	(703) 292-4899	gschmidt@nsf.gov
JOIDES Resolution	JOIDES	Mobile	Operation	Texas A&M Research Foundation (TAMRF)	GEO/OCE	James F. Allan	(703) 292-8144	jallan@nsf.gov
Large Hadron Collider, A Toroidal LHC Apparatus (ATLAS) and Compact Muon Solenoid (CMS) Detectors	LHC	--	Operation	Princeton (CMS) and Columbia (ATLAS) Universities	MPS/PHY	Saul Gonzalez Martirena	(703) 292-2093	sgonzale@nsf.gov
Large Hadron Collider, A Toroidal LHC Apparatus (ATLAS)	LHC	France/Switzerland	Operation	Columbia (ATLAS) Universities	MPS/PHY	Saul Gonzalez Martirena; James Shank; Mark Coles	(703) 292-2093	sgonzale@nsf.gov
Large Hadron Collider, Compact Muon Solenoid (CMS) Detectors	LHC	France/Switzerland	Operation	Princeton (CMS)	MPS/PHY	Saul Gonzalez Martirena; James Shank; Mark Coles	(703) 292-2093	ishank@NSF.gov
Laser Interferometer Gravitational-wave Observatory	LIGO	Louisiana	Operation	California Institute of Technology (Caltech)	MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov
National Center for Atmospheric Research	NCAR	Distributed	Operation	University Corporation for Atmospheric Research (UCAR)	GEO/AGS	Sara Ruth	(703) 292-7594	sruth@nsf.gov
George E Brown, Jr. Network for Earthquake Engineering Simulation	NEES	distributed	Operation	NEES Inc.	ENG/CMMI	Joy M. Pauschke	(703) 292-7024	ipauschk@nsf.gov
National High Magnetic Field Laboratory	NHMFL	Florida/New Mexico	Operation	Florida State University	MPS/DMR	Thomas P. Rieker	(703) 292-4914	trieker@nsf.gov
National Nanotechnology Infrastructure Network	NNIN	distributed	Operation	13 member university consortium	ENG/ECCS	Lawrence S. Goldberg	(703) 292-8339	lgoldber@nsf.gov
National Optical Astronomy Observatory	NOAO	Arizona	Operation	Association of Universities for Research in Astronomy (AURA)	MPS/AST	Vernon L. Pankonin	(703) 292-4902	vpankoni@nsf.gov
National Radio Astronomy Observatory	NRAO	Distributed	Operation	Associated Universities Incorporated (AUI)	MPS/AST	Dana Lehr	(703) 292-7456	dlehr@nsf.gov
National Superconducting Cyclotron Laboratory	NSCL	Michigan	Operation	Michigan State University	MPS/PHY	Bradley D. Keister	(703) 292-7377	bkeister@nsf.gov
National Solar Observatory	NSO	New Mexico/ Arizona	Operation	Association of Universities for Research in Astronomy (AURA)	MPS/AST	Dave Boboltz	(703) 292-4909	Boboltz, David dboboltz@nsf.gov
Seismological Facilities for the Advancement of Geoscience and EarthScope	SAGE	distributed	Operation	IRIS Consortium	GEO/EAR	Greg Anderson	(703) 292-4693	greander@nsf.gov
Advanced Laser Interferometer Gravitational-wave Observatory	Advanced LIGO	Washington, Louisiana	Construction	California Institute of Technology (Caltech)	MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov



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Asked to Consider One Area Not Fully Realized



How Do We Connect the Dots

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Asked to Consider One Area Not Fully Realized



How Do We Connect the Dots
And How to Do this Sustainably

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Portal to the Public Network

<http://popnet.pacificsciencecenter.org/>

Portal to the Public Overview Video

<http://www.pacificsciencecenter.org/portal/video>

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