

NSF Major Facilities

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Send questions or comments on the content to: arockwel@nsf.gov

Major Facility	Sort Column	Acronym	Location	Stage	Awardee	DIR/DIV	Program Officer(s)	Phone	Email
U.S. Arctic Program	ARC	ARC	Arctic	Operations	Battelle Arctic Research Operations	GEO/OPP	Renee Crain	(703) 292-4482	rcrain@nsf.gov
United States Antarctic Program	ANT	USAP	Antarctica	Operations	Leidos	GEO/OPP	Stephanie Short	(703) 292-2155	sashort@nsf.gov
Antarctic Infrastructure Modernization for Science	ANT-AIMS	ANT-AIMS	Antarctica	Construction	Leidos	GEO/OPP	Ben Roth	(703) 292-7857	broth@nsf.gov
Antarctic Research Vessel	ANT-AIMS	ANT-ARV	Antarctica	Design	Leidos	GEO/OPP	Tim McGovern Mike Prince	(703) 292-4248 (703) 292-4764	tmcgover@nsf.gov jprince@nsf.gov
Academic Research Fleet	U.S. ARF	ARF	Distributed	Operations	Various (18 individual CA awards for Research Vessels)	GEO/OCE	Rose Dufour	(703) 292-8811	rdufour@nsf.gov
Regional Class Research Vessel	ARF-RCRV	RCRV	Mobile	Construction	Oregon State University	GEO/OCE	Brian P. Midson	(703) 292-8145	bmidsn@nsf.gov
Geodetic Facility for the Advancement of Geosciences	NGEO-GAGE	GAGE	Distributed	Operations	EarthScope Consortium Inc	GEO/EAR	Margaret Benoit	(703) 292-7233	mbenoit@nsf.gov
Green Bank Observatory (FFRDC)	GBO	GBO	West Virginia	Operations	Associated Universities Incorporated	MPS/AST	Harshal Gupta	(703) 292-5039	hgupta@nsf.gov
IceCube Neutrino Observatory	Ice Cube	ICNO	Antarctica	Operations	University of Wisconsin	GEO/PLR MPS/PHY	Vladimir O. Papitashvili; William Wester	(703) 292-7425; (703) 292-4677	vpapita@nsf.gov wwester@nsf.gov
IceCube Upgrade, Phase 1	Ice Cube	ICNO	Antarctica	Implementation	University of Wisconsin	MPS/PHY GEO/PLR	William Wester; Vladimir O. Papitashvili	(703) 292-4677; (703) 292-7425	vpapita@nsf.gov wwester@nsf.gov
International Ocean Discovery Program (JOIDES Resolution)	JOIDES	IODP	Texas & Mobile	Operations	Texas A&M Research Foundation	GEO/OCE	Kevin Johnson	(703) 292-7442	ktjohnso@nsf.gov
International Ocean Discovery Program (Science Support Office)	JOIDES	IODP	California	Operations	University of California-San Diego, Scripps Institution of Oceanography	GEO/OCE	Kevin Johnson	(703) 292-7442	ktjohnso@nsf.gov
Leadership-Class Computing Facility	LCCF	LCCF	Texas	Design	University of Texas, Austin	CISE/OAC	Ed Walker	(703) 292-4863	edwalker@nsf.gov
Large Hadron Collider	LHC	LHC	Switzerland	Operations / Construction	Various	MPS/PHY	James Shank	(703) 292-4516	jshank@nsf.gov
A Toroidal LHC Apparatus (ATLAS) Detector Operations	LHC-ATLAS	ATLAS	Switzerland	Operations	SUNY - StonyBrook	MPS/PHY	James Shank	(703) 292-4516	jshank@nsf.gov
A Toroidal LHC Apparatus (ATLAS) Detector High Luminosity Upgrade	LHC-ATLAS	ATLAS	Switzerland	Construction	Columbia University	MPS/PHY	James Shank	(703) 292-4516	jshank@nsf.gov
Compact Muon Solenoid (CMS) Detector Operations	LHC-CMS	CMS	Switzerland	Operations	University of Nebraska-Lincoln	MPS/PHY	James Shank	(703) 292-4516	jshank@nsf.gov
Compact Muon Solenoid (CMS) Detector High Luminosity Upgrade	LHC-CMS	CMS	Switzerland	Construction	Cornell University	MPS/PHY	James Shank	(703) 292-4516	jshank@nsf.gov
Laser Interferometer Gravitational-wave Observatory	LIGO	LIGO	Louisiana & Washington	Operations	California Institute of Technology	MPS/PHY	Pedro Marronetti	(703) 292-7372	pmarrone@nsf.gov
LIGO A+ Project	LIGO	LIGO	Louisiana & Washington	Implementation	California Institute of Technology	MPS/PHY	Pedro Marronetti	(703) 292-7372	pmarrone@nsf.gov
National Center for Atmospheric Research (FFRDC)	NCAR	NCAR	Colorado, Wyoming, Hawaii	Operations	University Corporation for Atmospheric Research	GEO/AGS	Bernard Grant	(703) 292-8521	bgrant@nsf.gov
National Ecological Observatory Network	NEON	NEON	Distributed	Operations	Battelle Memorial Institute	BIO/DBI	Charlotte Roehm	(703) 292-4218	croehm@nsf.gov
National High Magnetic Field Laboratory	NHMFL	NHMFL	Florida & New Mexico	Operations	Florida State University	MPS/DMR	Leonard Spinu	(703) 292-2665	lspinu@nsf.gov
Mid-scale RI-1: Preliminary & Final Design of the 40T All-Superconducting Magnet	NHMFL	40T SCM	Tallahassee, FL	Design	Florida State University	MPS/DMR	Leonard Spinu	(703) 292-2665	lspinu@nsf.gov
NSF's National Optical-Infrared Astronomy Research Laboratory, FFRDC (formerly NOAO)	NOAO	NOIRLab	Arizona & Chile	Operations	Association of Universities for Research in Astronomy	MPS/AST	Christopher Davis	(703) 292-4910	chrdavis@nsf.gov
Gemini Observatory	GEMINI	Gemini (NOIRLab)	Chile & Hawaii	Operations	Association of Universities for Research in Astronomy	MPS/AST	Martin Still	(703) 292-4290	mstill@nsf.gov
Vera C. Rubin Observatory		Rubin (NOIRLab)	Chile	Pre-Operations	Association of Universities for Research in Astronomy	MPS/AST	Edward Ajhar	(703) 292-7456	eajhar@nsf.gov
Vera C. Rubin Observatory (formerly Large Synoptic Survey Telescope)	LSST	Rubin	Chile	Construction	Association of Universities for Research in Astronomy	MPS/AST	Edward Ajhar	(703) 292-7456	eajhar@nsf.gov
National Radio Astronomy Observatory (FFRDC)	NRAO	NRAO	Distributed	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov
Atacama Large Millimeter/Submillimeter Array	NRAO-ALMA	ALMA	Chile	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov
Very Large Array	NRAO-VLA	VLA	New Mexico	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov
Very Long Baseline Array	LBO	VLBA	Distributed	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov
National Solar Observatory (FFRDC)	NSO	NSO	New Mexico & Arizona	Operations	Association of Universities for Research in Astronomy	MPS/AST	Carrie Black Allison Peck	(703) 292-2426 (703) 292-2522	cblack@nsf.gov apec@nsf.gov
Daniel K. Inouye Solar Telescope	DKIST	DKIST	Hawaii	Operations	Association of Universities for Research in Astronomy	MPS/AST	Carrie Black	(703) 292-2426	cblack@nsf.gov
Ocean Observatories Initiative	OOI	OOI	Distributed	Operations	Woods Hole Oceanographic Institution	GEO/OCE	George Voulgaris	(703) 292-7399	gvoulgar@nsf.gov
Seismological Facility for the Advancement of Geoscience	NGEO-SAGE	SAGE	Distributed	Operations	EarthScope Consortium Inc	GEO/EAR	Margaret Benoit	(703) 292-7233	mbenoit@nsf.gov