

NSF Research Infrastructure - Major Facilities

Rev: 2020-07-29

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

Facility	Acronym	Location	Stage	Recipient	DIR/DIV	Program Officer(s)	Phone	Email
United States Antarctic Program	USAP	Antarctica	Operations	Leidos	GEO/PLR	Stephanie Short	(703) 292-2155	sashort@nsf.gov
-- Antarctic Infrastructure Modernization for Science	AIMS	Antarctica	Construction	Leidos	GEO/PLR	Ben Roth	(703) 292-7857	broth@nsf.gov
Arecibo Observatory	AO	Puerto Rico	Operations	University of Central Florida	MPS/AST GEO/AGS	Ashley Zauderer Carrie Black	(703) 292-2428 (703) 292-2426	bezauder@nsf.gov cblack@nsf.gov
Academic Research Fleet	ARF	Distributed	Operations	Various (18 research vessels)	GEO/OCE	Rose Dufour	(703) 292-8811	rdufour@nsf.gov
-- Regional Class Research Vessel	RCRV	Mobile	Construction	Oregon State University	GEO/OCE	Brian P. Midson	(703) 292-8145	bmidsn@nsf.gov
Green Bank Observatory	GBO	West Virginia	Operations	Associated Universities Incorporated	MPS/AST	Harshal Gupta	(703) 292-5039	hgupta@nsf.gov
IceCube Neutrino Observatory	ICNO	Antarctica	Operations	University of Wisconsin	GEO/PLR MPS/PHY	Vladimir O. Papitashvili; James Whitmore	(703) 292-7425; (703) 292-8908	vpapita@nsf.gov ; jwhitmor@nsf.gov
International Ocean Discovery Program (JOIDES Resolution)	IODP	Texas & Mobile	Operations	Texas A&M Research Foundation	GEO/OCE	James F. Allan	(703) 292-8144	jallan@nsf.gov
-- International Ocean Discovery Program (Science Support Office)	IODP	California	Operations	University of California-San Diego, Scripps Institution of Oceanography	GEO/OCE	James F. Allan	(703) 292-8144	jallan@nsf.gov
Leadership-Class Computing Facility	LCCF	Texas	Design	University of Texas, Austin	CISE	Ed Walker	(703) 292-4863	edwalker@nsf.gov
Large Hadron Collider	LHC	Switzerland	Operations / Construction		MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov
-- A Toroidal LHC Apparatus (ATLAS) Detector Operations and High Luminosity Upgrade Design	ATLAS	Switzerland	Operations	SUNY - StonyBrook	MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov
-- A Toroidal LHC Apparatus (ATLAS) Detector High Luminosity Upgrade	ATLAS	Switzerland	Construction	Columbia University	MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov
-- Compact Muon Solenoid (CMS) Detector Operations and High Luminosity Upgrade Design	CMS	Switzerland	Operations	Princeton University	MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov

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-- Compact Muon Solenoid (CMS) Detector High Luminosity Upgrade	CMS	Switzerland	Construction	Cornell University	MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov
Laser Interferometer Gravitational-wave Observatory	LIGO	Louisiana	Operations	California Institute of Technology	MPS/PHY	Mark W. Coles	(703) 292-4432	mcoles@nsf.gov
National Center for Atmospheric Research (FFRDC)	NCAR	Colorado & Wyoming	Operations	University Corporation for Atmospheric Research	GEO/AGS	Sarah Ruth	(703) 292-7594	sruth@nsf.gov
Natural Hazards Engineering Research Infrastructure	NHERI	Distributed	Operations	11 Individual Awards to Various Universities	ENG/CMMI	Joy M. Pauschke	(703) 292-7024	jpauschk@nsf.gov
National Ecological Observatory Network	NEON	Distributed	Operations	Battelle Memorial Institute	BIO/DBI	Roland Roberts	(703) 292-7884	rolrober@nsf.gov
Geodetic Facility for the Advancement of Geoscience	GAGE	Distributed	Operations	UNAVCO, Inc.	GEO/EAR	Margaret Benoit	(703) 292-7233	mbenoit@nsf.gov
Seismological Facility for the Advancement of GEoscience	SAGE	Distributed	Operations	Incorporated Research Institution for Seismology (IRIS)	GEO/EAR	Margaret Benoit	(703) 292-7233	mbenoit@nsf.gov
National High Magnetic Field Laboratory	NHMFL	Florida & New Mexico	Operations	Florida State University	MPS/DMR	Leonard Spinu	(703) 292-2665	lspinu@nsf.gov
NSF's National Optical-Infrared Astronomy Research Laboratory, FFRDC (formerly 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	Chile & Hawaii	Operations	Association of Universities for Research in Astronomy	MPS/AST	Christopher Davis Martin Still	(703) 292-4910 (703) 292-4290	chrdavis@nsf.gov mstill@nsf.gov
-- Vera C. Rubin Observatory (formerly Large Synoptic Survey Telescope)	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	Distributed	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov
-- Atacama Large Millimeter/Submillimeter Array	ALMA	Chile	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov
-- Very Large Array	VLA	New Mexico	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov

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-- Very Long Baseline Array	VLBA	Distributed	Operations	Associated Universities Incorporated	MPS/AST	Joe Pesce	(703) 292-7373	jpesce@nsf.gov
National Superconducting Cyclotron Laboratory	NSCL	Michigan	Operations	Michigan State University	MPS/PHY	Allena K. Opper	(703) 292-8958	aopper@nsf.gov
National Solar Observatory (FFRDC)	NSO	New Mexico & Arizona	Operations	Association of Universities for Research in Astronomy	MPS/AST	Dave Boboltz	(703) 292-2199	dboboltz@nsf.gov
-- Daniel K. Inouye Solar Telescope	DKIST	Hawaii	Construction	Association of Universities for Research in Astronomy	MPS/AST	Dave Boboltz	(703) 292-2199	dboboltz@nsf.gov
Ocean Observatories Initiative	OOI	Distributed	Operations	Woods Hole Oceanographic Institution	GEO/OCE	Bauke H. Houtman	(703) 292-8583	bhoutman@nsf.gov

FFRDC - Federally Funded Research & Development Center