

## MAJOR RESEARCH FACILITIES

### Facilities:

Major Research Facilities Overview .....	Facilities - 3
Academic Research Fleet (ARF).....	Facilities - 7
Antarctic Facilities and Operations (AFO).....	Facilities - 11
Arecibo Observatory (AO).....	Facilities - 15
Geodetic Facility for the Advancement of GEoscience (GAGE).....	Facilities - 20
IceCube Neutrino Observatory (ICNO) .....	Facilities - 25
International Ocean Discovery Program (IODP) .....	Facilities - 29
Large Hadron Collider (LHC).....	Facilities - 33
Laser Interferometer Gravitational Wave Observatory (LIGO).....	Facilities - 37
National Ecological Observatory Network (NEON).....	Facilities - 41
National High Magnetic Field Laboratory (NHMFL).....	Facilities - 45
Ocean Observatories Initiative (OOI) .....	Facilities - 50
Seismological Facility for the Advancement of GEoscience (SAGE) .....	Facilities - 55

### Federally Funded Research and Development Centers (FFRDCs):

Green Bank Observatory (GBO).....	Facilities - 60
National Center for Atmospheric Research (NCAR) .....	Facilities - 64
National Radio Astronomy Observatory (NRAO).....	Facilities - 69
National Solar Observatory (NSO) .....	Facilities - 74
NSF's National Optical-Infrared Research Laboratory (NOIRLab) .....	Facilities - 78

<b>Other Facilities Funding</b> .....	<b>Facilities - 85</b>
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*Major Multi-User Research Facilities*