

For More Information Regarding Funding Opportunities visit: <https://www.nsf.gov/funding/azindex.jsp>

AN A to Z list of Funding Opportunities

A

AAG

Astronomy and Astrophysics Research Grants (AAG)

AAPF

NSF Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)

ABI

Advances in Biological Informatics (ABI)

ABTC

Advanced Biomanufacturing of Therapeutic Cells (ABTC)

Academic

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R²)

Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)

Accelerating

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-TT)

Action

Perception, Action & Cognition (PAC)

Activities

Crosscutting Activities Program in Materials Research (XC)

Integrative Activities in Physics

ADBC

Advancing Digitization of Biodiversity Collections (ADBC)

ADVANCE

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)

Advanced

Advanced Biomanufacturing of Therapeutic Cells (ABTC)

Advanced Technological Education (ATE)

Advanced Technologies and Instrumentation (ATI)

Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced Manufacturing Research Community

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Pan-American Advanced Studies Institutes Program (STEM:AGI)

Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO) (PAWR/PPO)

Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

Advancement

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce

Advances

Advances in Biological Informatics (ABI)

Advancing

Advancing Digitization of Biodiversity Collections (ADBC)

Advancing Informal STEM Learning (AISL)

Advancing Theory in Biology (ATB)

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Aeronomy

Aeronomy (Program Description)

AGEP

Alliances for Graduate Education and the Professoriate (AGEP)

Agricultural

Basic Research to Enable Agricultural Development (BREAD)

AGS-PRF

Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)

AIR-TT

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-TT)

AISL

Advancing Informal STEM Learning (AISL)

AitF

Algorithms in the Field (AitF)

AK

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Algebra

Algebra and Number Theory

Algorithms

Algorithms for Modern Power Systems (AMPS)

Algorithms for Threat Detection (ATD)

Algorithms in the Field (AitF)

All

Computer Science for All (CSforAll:RPP)

Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All

Alliances

Alliances for Graduate Education and the Professoriate (AGEP)

Louis Stokes Alliances for Minority Participation

Allocations

Petascale Computing Resource Allocations (PRAC)

AMISR-M&O

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

AMPS

Algorithms for Modern Power Systems (AMPS)

Analysis

Analysis

Geometric Analysis

Antarctic

Antarctic Artists and Writers Program

Antarctic Astrophysics and Geospace Sciences

Antarctic Earth Sciences Program

Antarctic Glaciology Program

Antarctic Integrated System Science

Antarctic Ocean and Atmospheric Sciences

Antarctic Organisms and Ecosystems

Antarctic Research

Antarctica

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

Anthropology

Biological Anthropology

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-DDRIG)

Cultural Anthropology

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Cultural Anthropology Scholars Awards

High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)

AON

Arctic Observing Network (AON)

Application

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems (BRAP)

Applications

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Applied

Applied Mathematics

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)

Approaches

Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis

Arch-DDRI

Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)

Archaeology

Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)

Archaeology and Archaeometry

High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)

Archaeometry

Archaeology and Archaeometry

Architectural

Structural and Architectural Engineering and Materials (SAEM)

Architectures

Energy-Efficient Computing: from Devices to Architectures (E2CDA)

Future Internet Architectures -- Next Phase (FIA-NP)

NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures

(CAPA)

Archiving

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF

Arctic Sciences Section

Arctic

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF

Arctic Sciences Section

Arctic Natural Sciences Program

Arctic Observing Network (AON)

Arctic Research Opportunities

Arctic Research and Education Program

Arctic Social Sciences Program

Arctic System Science (ARCSS) Program

Arecibo

Management and Operations of the Arecibo Observatory

ARI

Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)

Artists

Antarctic Artists and Writers Program

Assisted

NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures

(CAPA)

Assured

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS)

Astronomy

Astronomy and Astrophysics Research Grants (AAG)

Management and Operation of the National Optical Astronomy Observatory (NOAO)

NSF Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)

Partnerships in Astronomy & Astrophysics Research and Education (PAARE)

Astrophysics

Antarctic Astrophysics and Geospace Sciences

Astronomy and Astrophysics Research Grants (AAG)

NSF Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)

Particle Astrophysics - Experiment

Particle Astrophysics and Cosmology - Theory
Partnerships in Astronomy & Astrophysics Research and Education (PAARE)
Theoretical and Computational Astrophysics Networks (TCAN)

ATB

Advancing Theory in Biology (ATB)

ATD

Algorithms for Threat Detection (ATD)

ATE

Advanced Technological Education (ATE)

ATI

Advanced Technologies and Instrumentation (ATI)

Atmosphere

Lower Atmosphere Observing Facilities (LAOF)

Atmospheric

Antarctic Ocean and Atmospheric Sciences

Atmospheric Chemistry

Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)

Competition for the Management and Operation of the National Center for Atmospheric Research

CubeSat-based Science Missions for Geospace and Atmospheric Research

Atomic

Atomic, Molecular and Optical Physics - Theory

Theory Institute in Atomic, Molecular and Optical Physics

Autonomous

Smart and Autonomous Systems (S&AS)

Award

NSF Director's Award for Distinguished Teaching Scholars (DTS)

Awards

Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)

Cultural Anthropology Scholars Awards

Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards
(GSS-DDRI)

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring
(PAESMEM) (PAESMEM)

SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

B

BA-DDRIG

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-
DDRIG)

Basic

Basic Research to Enable Agricultural Development (BREAD)

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)
NSF/DOE Partnership in Basic Plasma Science and Engineering

Bay

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities
at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

BCC-EHR

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)

BD

Big Data Regional Innovation Hubs (BD Hubs)

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD
Spokes)

BDD

US-Japan Big Data and Disaster Research (BDD)

Behavioral

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic
Sciences (RIDIR)

Benchmarks

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems
(BRAP)

Benefit

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the
International Space Station to Benefit Life on Earth
NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit
Life on Earth

Big

Big Data Regional Innovation Hubs (BD Hubs)

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD
Spokes)

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications
of Big Data Sciences and Engineering (BIGDATA)
US-Japan Big Data and Disaster Research (BDD)

BIGDATA

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications
of Big Data Sciences and Engineering (BIGDATA)

BIO

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)

Biochemical

Cellular and Biochemical Engineering (CBE)

Biodiversity

Advancing Digitization of Biodiversity Collections (ADBC)

Dimensions of Biodiversity FY2017

Planetary Biodiversity Inventories (PBI)

Biological

Advances in Biological Informatics (ABI)

Biological Anthropology

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-

DDRIG)
Biological Oceanography
Biological and Environmental Interactions of Nanoscale Materials
Collections in Support of Biological Research (CSBR)
High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)
Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine
Laboratories (FSML)
Innovations in Biological Imaging and Visualization (IBIV)
Instrument Development for Biological Research (IDBR)
Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical
Sciences (DMS/NIGMS)
NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)

Biology

Advancing Theory in Biology (ATB)
Division of Environmental Biology (core programs) (DEB)
Long Term Research in Environmental Biology (LTREB)
MacroSystems Biology and Early NEON Science:
Mathematical Biology
Postdoctoral Research Fellowships in Biology
Semiconductor Synthetic Biology for Information Processing and Storage Technologies
(SemiSynBio)

Biomanufacturing

Advanced Biomanufacturing of Therapeutic Cells (ABTC)

Biomechanics

Biomechanics and Mechanobiology (BMMB)

Biomedical

Engineering of Biomedical Systems (EBMS)

Biophotonics

Biophotonics

Biosciences

Division of Molecular and Cellular Biosciences: Investigator-initiated research projects (MCB)

Biotic

Plant Biotic Interactions

Black

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

Blocks

Data Infrastructure Building Blocks (DIBBs)

BMMB

Biomechanics and Mechanobiology (BMMB)

BPE

Broadening Participation in Engineering (BPE)

BRAP

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems
(BRAP)

BREAD

Basic Research to Enable Agricultural Development (BREAD)

Broadening

Broadening Participation in Engineering (BPE)

Building

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)

Data Infrastructure Building Blocks (DIBBs)

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)

Buildings

Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)

Business

Small Business Innovation Research Program Phase I (SBIR)

Small Business Technology Transfer Program Phase I (STTR)

C

CA-DDRIG

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Campus

Campus Cyberinfrastructure (CC*)

Canada

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

CAPA

NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures (CAPA)

Capabilities

Provision of Marine Seismic Capabilities to the U. S. Research Community

Capacity

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)

Carbon

Metabolomics for a Low Carbon Society (METABOLOMICS)

Career

Faculty Early Career Development Program (CAREER)

Faculty Early Career Development Program (CAREER)

Careers

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

CAT

Chemical Catalysis (CAT)

Catalysis

Catalysis

Chemical Catalysis (CAT)

CBE

Cellular and Biochemical Engineering (CBE)

CC*

Campus Cyberinfrastructure (CC*)
CCE
Cultivating Cultures for Ethical STEM (CCE STEM)
CCI
Centers for Chemical Innovation (CCI)
CCSS
Communications, Circuits, and Sensing-Systems (CCSS)
CDS&E
Computational and Data-Enabled Science and Engineering (CDS&E)
CDS&E-MSS
Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences
(CDS&E-MSS)
Cells
Advanced Biomanufacturing of Therapeutic Cells (ABTC)
Cellular
Cellular and Biochemical Engineering (CBE)
Division of Molecular and Cellular Biosciences: Investigator-initiated research projects (MCB)
Center
Competition for the Management and Operation of the National Center for Atmospheric Research
Centers
Centers for Chemical Innovation (CCI)
Centers of Research Excellence in Science and Technology (CREST) and HBCU Research
Infrastructure for Science and Engineering (RISE)
Gen-3 Engineering Research Centers (ERC)
Industry-University Cooperative Research Centers Program (IUCRC)
Materials Research Science and Engineering Centers (MRSEC)
NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)
Physics Frontiers Centers (PFC)
Restricted-Access Research Data Centers (RDCs)
Science and Technology Centers: Integrative Partnerships
Century
Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century
Workforce
CER
Ceramics (CER)
Ceramics
Ceramics (CER)
CESER
Cyberinfrastructure for Emerging Science and Engineering Research (CESER)
CH
Petrology and Geochemistry (CH)
Challenge
Ideas Lab: Practical Fully-Connected Quantum Computer Challenge (PFCQC)
Change
Paleo Perspectives on Climate Change (P2C2)
Chemical

Centers for Chemical Innovation (CCI)
Chemical Catalysis (CAT)
Chemical Measurement and Imaging (CMI)
Chemical Oceanography
Chemical Structure, Dynamics and Mechanisms (CSDM-A)
Chemical Structure, Dynamics and Mechanisms (CSDM-B)
Chemical Synthesis (SYN)
Chemical Theory, Models and Computational Methods (CTMC)
Environmental Chemical Sciences (ECS)

Chemistry

Atmospheric Chemistry
Chemistry Research Experiences for Undergraduates (REU)
Chemistry of Life Processes (CLP)

CICI

Cybersecurity Innovation for Cyberinfrastructure (CICI)

Circuits

Communications, Circuits, and Sensing-Systems (CCSS)

CIS

Civil Infrastructure Systems (CIS)

CISE

CISE Research Infrastructure (CRI)
CISE Research Infrastructure: Mid-Scale Infrastructure - NSFCLOUD (CRI: NSFCLOUD)

CISE-MPS

CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science

Civil

Civil Infrastructure Systems (CIS)

CLD

Climate and Large-Scale Dynamics (CLD)

Clean-Slate

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate
Computing Security (SDI-CSCS)

Climate

Climate and Large-Scale Dynamics (CLD)
Paleo Perspectives on Climate Change (P2C2)

CLP

Chemistry of Life Processes (CLP)

CM

Cybermanufacturing Systems (CM)

CMI

Chemical Measurement and Imaging (CMI)

CMMT

Condensed Matter and Materials Theory (CMMT)

CNH

Dynamics of Coupled Natural and Human Systems (CNH)

Coastal

Coastal SEES (Coastal SEES)

Code

Cracking the Olfactory Code (Olfactory)

CogNeuro

Cognitive Neuroscience (CogNeuro)

Cognition

Perception, Action & Cognition (PAC)

Cognitive

Cognitive Neuroscience (CogNeuro)

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

Collaboration

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the International Space Station to Benefit Life on Earth

NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit Life on Earth

United States-Israel Collaboration in Computer Science (USICCS)

Collaborations

Developing Country Collaborations in Plant Genome Research (DCC-PGR)

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)

Collaborative

Collaborative Research in Computational Neuroscience (CRCNS)

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)

Science of Learning: Collaborative Networks (SL-CN)

Collection

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

Collections

Advancing Digitization of Biodiversity Collections (ADBC)

Collections in Support of Biological Research (CSBR)

Colleges

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

Tribal Colleges and Universities Program (TCUP)

Combinatorics

Combinatorics

Combustion

Combustion and Fire Systems

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the International Space Station to Benefit Life on Earth

Communication

Computing and Communication Foundations (CCF): Core Programs

Communications

Communications, Circuits, and Sensing-Systems (CCSS)

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)

Communities

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in

Engineering and Science (NSF INCLUDES)
Smart and Connected Communities (S&CC)

Community

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)
Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced
Manufacturing Research Community
Provision of Marine Seismic Capabilities to the U. S. Research Community

Competition

Competition for the Management and Operation of the National Center for Atmospheric Research
Panel Study of Income Dynamics (PSID) Competition

Competitive

Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO)
(EPS-WO)

Competitiveness

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T
Competitiveness, STEM Education, S&T Workforce

Complex

NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)

Computational

Chemical Theory, Models and Computational Methods (CTMC)
Collaborative Research in Computational Neuroscience (CRCNS)
Computational Mathematics
Computational and Data-Enabled Science and Engineering (CDS&E)
Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences
(CDS&E-MSS)
Network for Computational Nanotechnology (NCN)
Theoretical and Computational Astrophysics Networks (TCAN)

Computer

Computer Science for All (CSforAll:RPP)
Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)
Computer and Network Systems (CNS): Core Programs
Ideas Lab: Practical Fully-Connected Quantum Computer Challenge (PFCQC)
NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures
(CAPA)
Research Experiences for Teachers (RET) in Engineering and Computer Science
United States-Israel Collaboration in Computer Science (USICCS)

Computing

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems
(BRAP)
Computing and Communication Foundations (CCF): Core Programs
Energy-Efficient Computing: from Devices to Architectures (E2CDA)
Expeditions in Computing
NSF/Intel Partnership on Visual and Experiential Computing (VEC)
NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate
Computing Security (SDI-CSCS)
Petascale Computing Resource Allocations (PRAC)

STEM + Computing Partnerships (STEM+C)
Towards a Leadership-Class Computing Facility - Phase 1

Condensed

Condensed Matter and Materials Theory (CMMT)

Conferences

Conferences and Workshops in the Mathematical Sciences
NSF-CBMS Regional Research Conferences in the Mathematical Sciences

Connected

Smart and Connected Communities (S&CC)
Smart and Connected Health (SCH)

Connections

International Research Network Connections (IRNC)

Consortium

Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced
Manufacturing Research Community

Continental

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)

Contribution

Thwaites: The Future of Thwaites Glacier and its Contribution to Sea-level Rise

Control

Dynamics, Control and Systems Diagnostics (DCSD)
Energy, Power, Control, and Networks (EPCN)

Cooperative

Cooperative Studies Of The Earth's Deep Interior (CSEDI)
Industry-University Cooperative Research Centers Program (IUCRC)

Coordinated

National Nanotechnology Coordinated Infrastructure (NNCI)

Coordination

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)
Ocean Technology and Interdisciplinary Coordination
Research Coordination Networks

Core

Computer and Network Systems (CNS): Core Programs
Computing and Communication Foundations (CCF): Core Programs
EHR Core Research (ECR)
Information and Intelligent Systems (IIS): Core Programs

Cores

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from
Antarctica and the Southern Ocean

Corps

Innovation Corps (I-Corps TM) - National Innovation Network Nodes Program (I-Corpsⁱ Nodes)
Innovation Corps - National Innovation Network Teams Program (I-CorpsTM Teams)

Corps-

Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

Cosmology

Particle Astrophysics and Cosmology - Theory

Country

Developing Country Collaborations in Plant Genome Research (DCC-PGR)

Coupled

Dynamics of Coupled Natural and Human Systems (CNH)

CPS

Cyber-Physical Systems (CPS)

CPS-Security

NSF/Intel Partnership on Cyber-Physical Systems Security and Privacy (CPS-Security)

Cracking

Cracking the Olfactory Code (Olfactory)

CRCNS

Collaborative Research in Computational Neuroscience (CRCNS)

CRI

CISE Research Infrastructure (CRI)

CISE Research Infrastructure: Mid-Scale Infrastructure - NSFCloud (CRI: NSFCloud)

CRII

Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)

CRISP

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

Critical

Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced Manufacturing Research Community

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Critical Zone Observatories (CZO)

Critical Zone Observatory National Office (ESNO)

Crosscutting

Crosscutting Activities Program in Materials Research (XC)

CSBR

Collections in Support of Biological Research (CSBR)

CSDCO

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)

CSEDI

Cooperative Studies Of The Earth's Deep Interior (CSEDI)

CSforAll:RPP

Computer Science for All (CSforAll:RPP)

CTMC

Chemical Theory, Models and Computational Methods (CTMC)

CubeSat-based

CubeSat-based Science Missions for Geospace and Atmospheric Research

Cultivating

Cultivating Cultures for Ethical STEM (CCE STEM)

Cultural

Cultural Anthropology

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Cultural Anthropology Scholars Awards

Cultures

Cultivating Cultures for Ethical STEM (CCE STEM)

Curatorial

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

Cyber-Innovation

Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)

Cyber-Physical

Cyber-Physical Systems (CPS)

NSF/Intel Partnership on Cyber-Physical Systems Security and Privacy (CPS-Security)

CyberCorps(R)

CyberCorps(R) Scholarship for Service (SFS)

Cyberinfrastructure

Campus Cyberinfrastructure (CC*)

Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce

Cyberinfrastructure for Emerging Science and Engineering Research (CESER)

Cybersecurity Innovation for Cyberinfrastructure (CICI)

Software Development for Cyberinfrastructure (SDCI)

Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

Cyberlearning

Cyberlearning and Future Learning Technologies

Cybermanufacturing

Cybermanufacturing Systems (CM)

Cybersecurity

Cybersecurity Innovation for Cyberinfrastructure (CICI)

CyberSEES

Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)

Cyberspace

Secure and Trustworthy Cyberspace (SaTC)

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS)

CyberTraining

Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

CZO

Critical Zone Observatories (CZO)

D

DARE

Disability and Rehabilitation Engineering (DARE)

Data

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF
Arctic Sciences Section

Big Data Regional Innovation Hubs (BD Hubs)

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD
Spokes)

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications
of Big Data Sciences and Engineering (BIGDATA)

Data Infrastructure Building Blocks (DIBBs)

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic
Sciences (RIDIR)

Restricted-Access Research Data Centers (RDCs)

Transdisciplinary Research in Principles of Data Science Phase I (TRIPODS)

US-Japan Big Data and Disaster Research (BDD)

Data-Enabled

Computational and Data-Enabled Science and Engineering (CDS&E)

Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences
(CDS&E-MSS)

DCSD

Dynamics, Control and Systems Diagnostics (DCSD)

DDRIG

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)

DEB

Division of Environmental Biology (core programs) (DEB)

Decision

Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)

Decision, Risk and Management Sciences (DRMS)

Deep

Cooperative Studies Of The Earth's Deep Interior (CSEDI)

Defined

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate
Computing Security (SDI-CSCS)

Defining

Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced
Manufacturing Research Community

DEL

Documenting Endangered Languages (DEL)

DEL-DDRIG

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-
DDRIG)

Demonstration

Widening Implementation & Demonstration of Evidence-Based Reforms (WIDER)

DEMS

Design of Engineering Material Systems (DEMS)

Departments

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science
Departments (IUSE/PFE: RED)

Description

Aeronomy (Program Description)

Design

Design of Engineering Material Systems (DEMS)
Engineering and Systems Design (ESD)

Designing

Designing Materials to Revolutionize and Engineer our Future (DMREF)

Detection

Algorithms for Threat Detection (ATD)
Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)
Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)

Developing

Developing Country Collaborations in Plant Genome Research (DCC-PGR)
Developing a National Research Infrastructure for Neuroscience (NeuroNex)

Development

Basic Research to Enable Agricultural Development (BREAD)
Faculty Early Career Development Program (CAREER)
Instrument Development for Biological Research (IDBR)
Software Development for Cyberinfrastructure (SDCI)
Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

Developmental

Developmental Sciences (DS)

Devices

Electronics, Photonics and Magnetic Devices (EPMD)
Energy-Efficient Computing: from Devices to Architectures (E2CDA)

Diagnostics

Dynamics, Control and Systems Diagnostics (DCSD)

DIBBs

Data Infrastructure Building Blocks (DIBBs)

Digitization

Advancing Digitization of Biodiversity Collections (ADBC)

Dimensions

Dimensions of Biodiversity FY2017

Director

NSF Director's Award for Distinguished Teaching Scholars (DTS)

Disability

Disability and Rehabilitation Engineering (DARE)

Disaster

US-Japan Big Data and Disaster Research (BDD)

Discoverers

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in
Engineering and Science (NSF INCLUDES)

Discovering

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF
Arctic Sciences Section

Discovery

Discovery Research PreK-12 (DRK-12)

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean
Discovery Program (IODP)

Science Support Office for the International Ocean Discovery Program (IODP)

U.S. Science Support Program associated with the International Ocean Discovery Program
(USSSP-IODP)

Diseases

Ecology and Evolution of Infectious Diseases (EEID)

Dissertation

Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-
DDRIG)

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-
DDRIG)

Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards
(GSS-DDRI)

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)

SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants
(SciSIP-DDRIG)

Distinguished

NSF Director's Award for Distinguished Teaching Scholars (DTS)

Distributed

National STEM Education Distributed Learning (NSDL)

Diversity

GEO Opportunities for Leadership in Diversity (GOLD)

Division

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)

Division of Environmental Biology (core programs) (DEB)

Division of Integrative Organismal Systems

Division of Molecular and Cellular Biosciences: Investigator-initiated research projects (MCB)

Division of Physics: Investigator-Initiated Research Projects (PHY)

DMREF

Designing Materials to Revolutionize and Engineer our Future (DMREF)

DMS/NIGMS

Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical
Sciences (DMS/NIGMS)

Doctoral

Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-

DDRIG)

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG)

Enriched Doctoral Training in the Mathematical Sciences (EDT)

Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards (GSS-DDRI)

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)

SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants (SciSIP-DDRIG)

Documenting

Documenting Endangered Languages (DEL)

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG)

Domestic

Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)

Doppler

National Mobile Doppler Radar Facility

Drilling

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)

Ocean Drilling Program (OD)

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean Discovery Program (IODP)

DRK-12

Discovery Research PreK-12 (DRK-12)

DRMS

Decision, Risk and Management Sciences (DRMS)

DS

Developmental Sciences (DS)

DTS

NSF Director's Award for Distinguished Teaching Scholars (DTS)

Dynamic

Physical and Dynamic Meteorology (PDM)

Dynamics

Chemical Structure, Dynamics and Mechanisms (CSDM-A)

Chemical Structure, Dynamics and Mechanisms (CSDM-B)

Climate and Large-Scale Dynamics (CLD)

Dynamics of Coupled Natural and Human Systems (CNH)

Dynamics, Control and Systems Diagnostics (DCSD)

Fluid Dynamics

Geomorphology and Land Use Dynamics

NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit Life on Earth

Panel Study of Income Dynamics (PSID) Competition

E

E2CDA

Energy-Efficient Computing: from Devices to Architectures (E2CDA)

EAR-PF

NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)

EAR/IF

Earth Sciences: Instrumentation and Facilities (EAR/IF)

EAR/LTS

Earth Sciences: Laboratory Technician Support (EAR/LTS)

Early

Faculty Early Career Development Program (CAREER)

MacroSystems Biology and Early NEON Science:

Earth

Antarctic Earth Sciences Program

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)

Cooperative Studies Of The Earth's Deep Interior (CSEDI)

Earth Sciences: Instrumentation and Facilities (EAR/IF)

Earth Sciences: Laboratory Technician Support (EAR/LTS)

Integrated Earth Systems (IES)

NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the International Space Station to Benefit Life on Earth

NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit Life on Earth

EarthCube

EarthCube:

EarthScope

EarthScope

EBMS

Engineering of Biomedical Systems (EBMS)

Ecological

Long Term Ecological Research (LTER-NCO)

Long-Term Ecological Research (LTER)

Long-Term Ecological Research (LTER)

Ecology

Ecology and Evolution of Infectious Diseases (EEID)

Economic

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

Economics

Economics

Ecosystems

Antarctic Organisms and Ecosystems

ECR

EHR Core Research (ECR)

ECS

Environmental Chemical Sciences (ECS)

Edge

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

EDT

Enriched Doctoral Training in the Mathematical Sciences (EDT)

Education

Advanced Technological Education (ATE)

Alliances for Graduate Education and the Professoriate (AGEP)

Arctic Research and Education Program

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)

Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

National STEM Education Distributed Learning (NSDL)

Partnerships for International Research and Education (PIRE)

Partnerships for Research and Education in Materials (PREM)

Partnerships in Astronomy & Astrophysics Research and Education (PAARE)

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T Competitiveness, STEM Education, S&T Workforce

EEID

Ecology and Evolution of Infectious Diseases (EEID)

Efficiency

Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All
Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis

EHR

EHR Core Research (ECR)

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

Electronics

Electronics, Photonics and Magnetic Devices (EPMD)

Elementary

Elementary Particle Physics - Experiment (EPP)

Elementary Particle Physics - Theory

Emerging

Cyberinfrastructure for Emerging Science and Engineering Research (CESER)

EMERGING FRONTIERS IN RESEARCH AND INNOVATION 2018

Enable

Basic Research to Enable Agricultural Development (BREAD)

Enabling

Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All

Endangered

Documenting Endangered Languages (DEL)

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG)

Energy

Energy for Sustainability

Energy, Power, Control, and Networks (EPCN)

Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)

Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All

Energy-Efficient

Energy-Efficient Computing: from Devices to Architectures (E2CDA)

ENG

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)

Engagement

Partnerships for Enhanced Engagement in Research (PEER)

Engineer

Designing Materials to Revolutionize and Engineer our Future (DMREF)

Engineering

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Broadening Participation in Engineering (BPE)

Cellular and Biochemical Engineering (CBE)

Centers of Research Excellence in Science and Technology (CREST) and HBCU Research

Infrastructure for Science and Engineering (RISE)

Computational and Data-Enabled Science and Engineering (CDS&E)

Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)

Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)

Cyberinfrastructure for Emerging Science and Engineering Research (CESER)

Design of Engineering Material Systems (DEMS)

Disability and Rehabilitation Engineering (DARE)

Engineering and Systems Design (ESD)

Engineering for Natural Hazards (ENH)

Engineering of Biomedical Systems (EBMS)

Environmental Engineering

Gen-3 Engineering Research Centers (ERC)

Geotechnical Engineering and Materials (GEM)

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

Materials Engineering and Processing (MEP)

Materials Research Science and Engineering Centers (MRSEC)

Materials Use: Science, Engineering, and Society (MUSES)

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

NSF/DOE Partnership in Basic Plasma Science and Engineering

Natural Hazards Engineering Research Infrastructure (NHERI)

Operations Engineering (OE)

PFE: Research Initiation in Engineering Formation (PFE: RIEF)

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring
(PAESMEM) (PAESMEM)

Process Systems, Reaction Engineering and Molecular Thermodynamics
Research Experiences for Teachers (RET) in Engineering and Computer Science
Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)
Structural and Architectural Engineering and Materials (SAEM)

Engineers

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science
Departments (IUSE/PFE: RED)
Research in the Formation of Engineers (RFE)

ENH

Engineering for Natural Hazards (ENH)

Enhance

Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis

Enhanced

Partnerships for Enhanced Engagement in Research (PEER)

Enhancing

Partnerships for Enhancing Expertise in Taxonomy (PEET)

Enriched

Enriched Doctoral Training in the Mathematical Sciences (EDT)

Enterprise

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T
Competitiveness, STEM Education, S&T Workforce

Environmental

Biological and Environmental Interactions of Nanoscale Materials

Division of Environmental Biology (core programs) (DEB)

Environmental Chemical Sciences (ECS)

Environmental Engineering

Environmental Sustainability

Long Term Research in Environmental Biology (LTREB)

EPCN

Energy, Power, Control, and Networks (EPCN)

EPMD

Electronics, Photonics and Magnetic Devices (EPMD)

EPP

Elementary Particle Physics - Experiment (EPP)

EPS-WO

Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO)
(EPS-WO)

EPSCoR

EPSCoR Research Infrastructure Improvement Program Track-1: (RII Track-1)
EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations
(RII Track-2 FEC)

EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)

Equipment

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine

Laboratories (FSML)
Manufacturing Machines and Equipment (MME)
Oceanographic Facilities and Equipment Support

ERC

Gen-3 Engineering Research Centers (ERC)

ESD

Engineering and Systems Design (ESD)

ESNO

Critical Zone Observatory National Office (ESNO)

Establishing

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)

Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO) (PAWR/PPO)

Ethical

Cultivating Cultures for Ethical STEM (CCE STEM)

Evaluation

Promoting Research and Innovation in Methodologies for Evaluation (PRIME)

Events

Infrastructure Management and Extreme Events (IMEE)

Prediction of and Resilience against Extreme Events (PREEVENTS)

Evidence-Based

Widening Implementation & Demonstration of Evidence-Based Reforms (WIDER)

Evolution

Ecology and Evolution of Infectious Diseases (EEID)

Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis

Excellence

Centers of Research Excellence in Science and Technology (CREST) and HBCU Research

Infrastructure for Science and Engineering (RISE)

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) (PAESMEM)

EXP

Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)

Expansion

Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)

Expeditions

Expeditions in Computing

Experiences

Chemistry Research Experiences for Undergraduates (REU)

Innovative Technology Experiences for Students and Teachers (ITEST)

International Research Experiences for Students (IRES)

Research Experiences for Teachers (RET) in Engineering and Computer Science

Research Experiences for Undergraduates (REU)

Experiential

NSF/Intel Partnership on Visual and Experiential Computing (VEC)

Experiment

Elementary Particle Physics - Experiment (EPP)
Gravitational Physics - Experiment
Nuclear Physics - Experiment
Particle Astrophysics - Experiment

Experimental

Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO)
(EPS-WO)

Expertise

Partnerships for Enhancing Expertise in Taxonomy (PEET)

Exploiting

Exploiting Parallelism and Scalability (XPS)

Explosives

Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)

Extreme

Infrastructure Management and Extreme Events (IMEE)
Prediction of and Resilience against Extreme Events (PREEVENTS)
Scalable Parallelism in the Extreme (SPX)

F

Facilitating

Facilitating Research at Primarily Undergraduate Institutions:

Facilities

Earth Sciences: Instrumentation and Facilities (EAR/IF)
Geospace Facilities (GF)

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine
Laboratories (FSML)

Lower Atmosphere Observing Facilities (LAOF)

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities
at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

National Facilities

Oceanographic Facilities and Equipment Support

Facility

National Mobile Doppler Radar Facility
Towards a Leadership-Class Computing Facility - Phase 1

Faculty

CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science
Faculty Early Career Development Program (CAREER)

FAILURE-RESISTANT

FAILURE-RESISTANT SYSTEMS (FRS)

FDA

NSF/FDA SCHOLAR-IN-RESIDENCE AT FDA

FEC

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations
(RII Track-2 FEC)

Fellows

EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)

Fellowship

Graduate Research Fellowship Program (GRFP)
International Research Fellowship Program (IRFP)

Fellowships

Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)
Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)
NSF Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)
NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)
Postdoctoral Research Fellowships in Biology
SBE Postdoctoral Research Fellowships (SPRF)

FIA-NP

Future Internet Architectures -- Next Phase (FIA-NP)

Field

Algorithms in the Field (AitF)
Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine
Laboratories (FSML)

Finland

Wireless Innovation between Finland and US (WiFiUS)

Fire

Combustion and Fire Systems

Flat

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities
at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Fluid

Fluid Dynamics
NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit
Life on Earth

Focused

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations
(RII Track-2 FEC)

Focused Research Groups in the Mathematical Sciences (FRGMS)
Focused Research Hubs in Theoretical Physics (FRHTP)

Food

Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)

Foresights

Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced
Manufacturing Research Community

Formation

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science
Departments (IUSE/PFE: RED)
PFE: Research Initiation in Engineering Formation (PFE: RIEF)

Research in the Formation of Engineers (RFE)

Foundation

Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate
Computing Security (SDI-CSCS)

National Science Foundation Research Traineeship (NRT) Program

Foundations

Computing and Communication Foundations (CCF): Core Programs

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications
of Big Data Sciences and Engineering (BIGDATA)

Foundations

Frameworks

Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)

FRGMS

Focused Research Groups in the Mathematical Sciences (FRGMS)

FRHTP

Focused Research Hubs in Theoretical Physics (FRHTP)

FRONTIERS

EMERGING FRONTIERS IN RESEARCH AND INNOVATION 2018

Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)

Physics Frontiers Centers (PFC)

FRS

FAILURE-RESISTANT SYSTEMS (FRS)

FSML

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine
Laboratories (FSML)

Fully-Connected

Ideas Lab: Practical Fully-Connected Quantum Computer Challenge (PFCQC)

Funded

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF

Arctic Sciences Section

Future

Cyberlearning and Future Learning Technologies

Designing Materials to Revolutionize and Engineer our Future (DMREF)

Future Internet Architectures -- Next Phase (FIA-NP)

Thwaites: The Future of Thwaites Glacier and its Contribution to Sea-level Rise

FY17

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

FY2017

Dimensions of Biodiversity FY2017

G to H

GEM

Geotechnical Engineering and Materials (GEM)
Gemini
Management and Operation of the Gemini Observatory
Gen-3
Gen-3 Engineering Research Centers (ERC)
Generated
Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF
Arctic Sciences Section
Genome
Developing Country Collaborations in Plant Genome Research (DCC-PGR)
Plant Genome Research Program (PGRP)
GEO
GEO Opportunities for Leadership in Diversity (GOLD)
Geobiology
Geobiology and Low-Temperature Geochemistry
Geochemistry
Geobiology and Low-Temperature Geochemistry
Petrology and Geochemistry (CH)
Geography
Geography and Spatial Sciences Program (GSS)
Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards
(GSS-DDRI)
Geological
Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from
Antarctica and the Southern Ocean
Geology
Marine Geology and Geophysics
Marine Geology and Geophysics (MG&G)
Sedimentary Geology and Paleobiology (SGP)
Geometric
Geometric Analysis
Geomorphology
Geomorphology and Land Use Dynamics
GEOPATHS
Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)
Geophysics
Geophysics (PH)
Marine Geology and Geophysics
Marine Geology and Geophysics (MG&G)
GeoPRISMS
GeoPRISMS Program
Geoscience
Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)
Geospace
Antarctic Astrophysics and Geospace Sciences
Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)
CubeSat-based Science Missions for Geospace and Atmospheric Research
Geospace Facilities (GF)
Geotechnical
Geotechnical Engineering and Materials (GEM)
GF
Geospace Facilities (GF)
Giant

Planning a Partnership Model for a Giant Segmented Mirror Telescope

Glacier

Thwaites: The Future of Thwaites Glacier and its Contribution to Sea-level Rise

Glaciology

Antarctic Glaciology Program

GOLD

GEO Opportunities for Leadership in Diversity (GOLD)

Graduate

Alliances for Graduate Education and the Professoriate (AGEP)

Graduate Research Fellowship Program (GRFP)

Graduate Research Internship Program (GRIP)

Grants

Astronomy and Astrophysics Research Grants (AAG)

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-DDRIG)

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG)

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)

Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants (SciSIP-DDRIG)

Solar and Planetary Research Grants (SPG)

Gravitational

Gravitational Physics - Experiment

Gravitational Physics - Theory

GRFP

Graduate Research Fellowship Program (GRFP)

GRIP

Graduate Research Internship Program (GRIP)

Groups

Focused Research Groups in the Mathematical Sciences (FRGMS)

Research Training Groups in the Mathematical Sciences (RTG)

GSS

Geography and Spatial Sciences Program (GSS)

GSS-DDRI

Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards (GSS-DDRI)

Hazards

Engineering for Natural Hazards (ENH)

Natural Hazards Engineering Research Infrastructure (NHERI)

HBCU

Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)

HBCU-UP

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

Health

Smart and Connected Health (SCH)

Heterogeneous

NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures (CAPA)

High-Risk

High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)

Historically

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

HRRBAA

High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)

Hubs

Big Data Regional Innovation Hubs (BD Hubs)

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)

Focused Research Hubs in Theoretical Physics (FRHTP)

Human

Dynamics of Coupled Natural and Human Systems (CNH)

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

Hydrologic

Hydrologic Sciences

I

I-Corps

Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

I-Corps™

Innovation Corps (I-Corps™) - National Innovation Network Nodes Program (I-Corps™ Nodes)

IBIV

Innovations in Biological Imaging and Visualization (IBIV)

ICN-WEN

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

IDBR

Instrument Development for Biological Research (IDBR)

Ideas

Ideas Lab: Practical Fully-Connected Quantum Computer Challenge (PFCQC)

IES

Integrated Earth Systems (IES)

Ignite

US Ignite:

Imaging

Chemical Measurement and Imaging (CMI)

Innovations in Biological Imaging and Visualization (IBIV)

IMEE

Infrastructure Management and Extreme Events (IMEE)

Implementation

Widening Implementation & Demonstration of Evidence-Based Reforms (WIDER)

Implementations

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

Improvement

Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-DDRIG)

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG)

EPSCoR Research Infrastructure Improvement Program Track-1: (RII Track-1)

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)

EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)

Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards (GSS-DDRI)

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)

SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants (SciSIP-DDRIG)

Improvements

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)

Improving

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

INCLUDES

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

Inclusion

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

Incoherent

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Income

Panel Study of Income Dynamics (PSID) Competition

Increasing

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Industry-University

Industry-University Cooperative Research Centers Program (IUCRC)

Infectious

Ecology and Evolution of Infectious Diseases (EEID)

INFEWS

Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)

Informal

Advancing Informal STEM Learning (AISL)

Informatics

Advances in Biological Informatics (ABI)

Information

CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science
Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)
Information and Intelligent Systems (IIS): Core Programs

Quantum Information Science

Semiconductor Synthetic Biology for Information Processing and Storage Technologies
(SemiSynBio)

Information-Centric

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

Infrastructure

Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R²)

CISE Research Infrastructure (CRI)

CISE Research Infrastructure: Mid-Scale Infrastructure - NSFCLOUD (CRI: NSFCLOUD)
Centers of Research Excellence in Science and Technology (CREST) and HBCU Research
Infrastructure for Science and Engineering (RISE)

Civil Infrastructure Systems (CIS)

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

Data Infrastructure Building Blocks (DIBBs)

Developing a National Research Infrastructure for Neuroscience (NeuroNex)

EPSCoR Research Infrastructure Improvement Program Track-1: (RII Track-1)

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations
(RII Track-2 FEC)

EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)
Infrastructure Management and Extreme Events (IMEE)

Mathematical Sciences Infrastructure Program

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate
Computing Security (SDI-CSCS)

National Nanotechnology Coordinated Infrastructure (NNCI)

Natural Hazards Engineering Research Infrastructure (NHERI)

Software Infrastructure for Sustained Innovation (SSE, SSI, S2I2)

Initiation

Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)

PFE: Research Initiation in Engineering Formation (PFE: RIEF)

Initiative

Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)
Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)
Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical
Sciences (DMS/NIGMS)

Management and Operation of the Ocean Observatories Initiative (OOI)

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)

Innovation

Big Data Regional Innovation Hubs (BD Hubs)

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)

Centers for Chemical Innovation (CCI)

Cybersecurity Innovation for Cyberinfrastructure (CICI)

EMERGING FRONTIERS IN RESEARCH AND INNOVATION 2018

Innovation Corps (I-Corps TM) - National Innovation Network Nodes Program (I-Corps[®] Nodes)

Innovation Corps - National Innovation Network Teams Program (I-CorpsTM Teams)

Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

Materials Innovation Platforms (MIP)

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-TT)

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)

Promoting Research and Innovation in Methodologies for Evaluation (PRIME)

Science of Science and Innovation Policy (SciSIP)

Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants (SciSIP-DDRIG)

Small Business Innovation Research Program Phase I (SBIR)

Software Infrastructure for Sustained Innovation (SSE, SSI, S2I2)

Wireless Innovation between Finland and US (WiFiUS)

Innovations

Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)

Innovations in Biological Imaging and Visualization (IBIV)

Innovative

Innovative Technology Experiences for Students and Teachers (ITEST)

Institute

Theory Institute in Atomic, Molecular and Optical Physics

Institutes

Mathematical Sciences Research Institutes

Pan-American Advanced Studies Institutes Program (STEM:AGI)

Institutions

Facilitating Research at Primarily Undergraduate Institutions:

Instrument

Instrument Development for Biological Research (IDBR)

Instrumentation

Advanced Technologies and Instrumentation (ATI)

Earth Sciences: Instrumentation and Facilities (EAR/IF)

Major Research Instrumentation Program: (MRI)

Integrated

Antarctic Integrated System Science

Integrated Earth Systems (IES)

Scalable Nanomanufacturing for Integrated Systems (SNM-IS)

Integrative

Division of Integrative Organismal Systems

Integrative Activities in Physics
Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)
Science and Technology Centers: Integrative Partnerships

Intelligent
Information and Intelligent Systems (IIS): Core Programs

Intensive
Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)
Resource Implementations for Data Intensive Research in the Social Behavioral and Economic
Sciences (RIDIR)

Interaction
NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)

Interactions
Biological and Environmental Interactions of Nanoscale Materials
Plant Biotic Interactions

Interdependent
Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

Interdisciplinary
CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science
Ocean Technology and Interdisciplinary Coordination

Interface
Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical
Sciences (DMS/NIGMS)

Interior
Cooperative Studies Of The Earth's Deep Interior (CSEDI)

International
International Research Experiences for Students (IRES)
International Research Fellowship Program (IRFP)
International Research Network Connections (IRNC)
NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the
International Space Station to Benefit Life on Earth
NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit
Life on Earth
Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean
Discovery Program (IODP)
Partnerships for International Research and Education (PIRE)
Science Support Office for the International Ocean Discovery Program (IODP)
U.S. Science Support Program associated with the International Ocean Discovery Program
(USSSP-IODP)

Internet
Future Internet Architectures -- Next Phase (FIA-NP)
Tomorrow's Internet Project Office (TIPOFF)

Internship
Graduate Research Internship Program (GRIP)

Inventories
Planetary Biodiversity Inventories (PBI)

Investigator-initiated

Division of Molecular and Cellular Biosciences: Investigator-initiated research projects (MCB)

Division of Physics: Investigator-Initiated Research Projects (PHY)

IRES

International Research Experiences for Students (IRES)

IRFP

International Research Fellowship Program (IRFP)

IRNC

International Research Network Connections (IRNC)

ITEST

Innovative Technology Experiences for Students and Teachers (ITEST)

IUCRC

Industry-University Cooperative Research Centers Program (IUCRC)

IUSE

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science
Departments (IUSE/PFE: RED)

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

IUSE/PFE

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science
Departments (IUSE/PFE: RED)

J to M

JOIDES

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean
Discovery Program (IODP)

Joint

Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical
Sciences (DMS/NIGMS)

JUNO

Networking Technology and Systems (NeTS: JUNO)

There are currently no Funding Opportunities under the letter 'K'.

Lab

Ideas Lab: Practical Fully-Connected Quantum Computer Challenge (PFCQC)

Laboratories

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine
Laboratories (FSML)

Laboratory

Earth Sciences: Laboratory Technician Support (EAR/LTS)

Land

Geomorphology and Land Use Dynamics

Languages

Documenting Endangered Languages (DEL)

Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-DDRIG)

LAOF

Lower Atmosphere Observing Facilities (LAOF)

Large-Scale

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems (BRAP)

Climate and Large-Scale Dynamics (CLD)

Law

Law & Social Sciences (LSS)

Leadership

GEO Opportunities for Leadership in Diversity (GOLD)

Leadership-Class

Towards a Leadership-Class Computing Facility - Phase 1

Learners

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

Learning

Advancing Informal STEM Learning (AISL)

Cyberlearning and Future Learning Technologies

National STEM Education Distributed Learning (NSDL)

Science of Learning (SL)

Science of Learning: Collaborative Networks (SL-CN)

Life

Chemistry of Life Processes (CLP)

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the International Space Station to Benefit Life on Earth

NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit

Life on Earth

Origin of Life

Ling-DDRI

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Linguistics

Linguistics

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Long

Long Term Ecological Research (LTER-NCO)

Long Term Research in Environmental Biology (LTREB)

Long-Term

Long-Term Ecological Research (LTER)

Long-Term Ecological Research (LTER)

Louis

Louis Stokes Alliances for Minority Participation

Low

Metabolomics for a Low Carbon Society (METABOLOMICS)

Low-Temperature

Geobiology and Low-Temperature Geochemistry

Lower

Lower Atmosphere Observing Facilities (LAOF)

LSS

Law & Social Sciences (LSS)

LTRE

Long-Term Ecological Research (LTRE)

LTRE-NCO

Long Term Ecological Research (LTRE-NCO)

LTREB

Long Term Research in Environmental Biology (LTREB)

M3X

Mind, Machine and Motor Nexus (M3X)

Machine

Mind, Machine and Motor Nexus (M3X)

Machines

Manufacturing Machines and Equipment (MME)

Macromolecular

Macromolecular, Supramolecular and Nanochemistry (MSN)

MacroSystems

MacroSystems Biology and Early NEON Science:

Magnetic

Electronics, Photonics and Magnetic Devices (EPMD)

Magnetospheric

Magnetospheric Physics

Major

Major Research Instrumentation Program: (MRI)

Management

Competition for the Management and Operation of the National Center for Atmospheric Research

Decision, Risk and Management Sciences (DRMS)

Infrastructure Management and Extreme Events (IMEE)

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Management and Operation of the Gemini Observatory

Management and Operation of the National Optical Astronomy Observatory (NOAO)

Management and Operation of the Ocean Observatories Initiative (OOI)

Management and Operations of the Arecibo Observatory

Management of UNOLS Marine Technician Pool

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean

Discovery Program (IODP)

Manufacturing

Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced

Manufacturing Research Community

Manufacturing Machines and Equipment (MME)

Marine

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)

Management of UNOLS Marine Technician Pool
Marine Geology and Geophysics
Marine Geology and Geophysics (MG&G)
Provision of Marine Seismic Capabilities to the U. S. Research Community

Material

Design of Engineering Material Systems (DEMS)

Materials

Biological and Environmental Interactions of Nanoscale Materials
Condensed Matter and Materials Theory (CMMT)
Crosscutting Activities Program in Materials Research (XC)
Designing Materials to Revolutionize and Engineer our Future (DMREF)
Geotechnical Engineering and Materials (GEM)
Materials Engineering and Processing (MEP)
Materials Innovation Platforms (MIP)
Materials Research Science and Engineering Centers (MRSEC)
Materials Use: Science, Engineering, and Society (MUSES)
Mechanics of Materials and Structures (MOMS)
Partnerships for Research and Education in Materials (PREM)
Structural and Architectural Engineering and Materials (SAEM)

MathBioSys

NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)

Mathematical

Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)
Conferences and Workshops in the Mathematical Sciences
Enriched Doctoral Training in the Mathematical Sciences (EDT)
Focused Research Groups in the Mathematical Sciences (FRGMS)
Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences (DMS/NIGMS)
Mathematical Biology
Mathematical Sciences Infrastructure Program
Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)
Mathematical Sciences Research Institutes
NSF-CBMS Regional Research Conferences in the Mathematical Sciences
Research Training Groups in the Mathematical Sciences (RTG)

Mathematics

Applied Mathematics
Computational Mathematics
NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)
NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)
Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) (PAESMEM)
Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)

Matter

Condensed Matter and Materials Theory (CMMT)

MCB

Division of Molecular and Cellular Biosciences: Investigator-initiated research projects (MCB)

Measurement

Chemical Measurement and Imaging (CMI)
Methodology, Measurement, and Statistics (MMS)

Mechanics

Mechanics of Materials and Structures (MOMS)

Mechanisms

Chemical Structure, Dynamics and Mechanisms (CSDM-A)
Chemical Structure, Dynamics and Mechanisms (CSDM-B)

Mechanobiology

Biomechanics and Mechanobiology (BMMB)

Mentoring

Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century
Workforce

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring
(PAESMEM) (PAESMEM)

MEP

Materials Engineering and Processing (MEP)

Metabolomics

Metabolomics for a Low Carbon Society (METABOLOMICS)
Metabolomics for a Low Carbon Society (METABOLOMICS)

Metadata

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF
Arctic Sciences Section

Meteorology

Physical and Dynamic Meteorology (PDM)

Methodologies

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications
of Big Data Sciences and Engineering (BIGDATA)
Promoting Research and Innovation in Methodologies for Evaluation (PRIME)

Methodology

Methodology, Measurement, and Statistics (MMS)

Methods

Chemical Theory, Models and Computational Methods (CTMC)

MG&G

Marine Geology and Geophysics (MG&G)

Mid-Scale

CISE Research Infrastructure: Mid-Scale Infrastructure - NSFCLOUD (CRI: NSFCLOUD)

Mind

Mind, Machine and Motor Nexus (M3X)

Minority

Louis Stokes Alliances for Minority Participation

MIP

Materials Innovation Platforms (MIP)

Mirror

Planning a Partnership Model for a Giant Segmented Mirror Telescope

Missions

CubeSat-based Science Missions for Geospace and Atmospheric Research

MME

Manufacturing Machines and Equipment (MME)

MMS

Methodology, Measurement, and Statistics (MMS)

Mobile

National Mobile Doppler Radar Facility

Model

Planning a Partnership Model for a Giant Segmented Mirror Telescope

Models

Chemical Theory, Models and Computational Methods (CTMC)

Modern

Algorithms for Modern Power Systems (AMPS)

Modular

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Molecular

Atomic, Molecular and Optical Physics - Theory

Division of Molecular and Cellular Biosciences: Investigator-initiated research projects (MCB)

Process Systems, Reaction Engineering and Molecular Thermodynamics

Theory Institute in Atomic, Molecular and Optical Physics

MOMS

Mechanics of Materials and Structures (MOMS)

Motor

Mind, Machine and Motor Nexus (M3X)

MPS

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)

MRI

Major Research Instrumentation Program: (MRI)

MRSEC

Materials Research Science and Engineering Centers (MRSEC)

MSN

Macromolecular, Supramolecular and Nanochemistry (MSN)

MSPRF

Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)

Multi-Hazard

Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)

Multiphase

Particulate and Multiphase Processes

MUSES

Materials Use: Science, Engineering, and Society (MUSES)

N

Nano-Biosensing

Nano-Biosensing

Nanochemistry

Macromolecular, Supramolecular and Nanochemistry (MSN)

NanoManufacturing

NanoManufacturing (NM)

Scalable Nanomanufacturing for Integrated Systems (SNM-IS)

Nanoscale

Biological and Environmental Interactions of Nanoscale Materials

Nanotechnology

National Nanotechnology Coordinated Infrastructure (NNCI)

Network for Computational Nanotechnology (NCN)

Nation

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

National

Competition for the Management and Operation of the National Center for Atmospheric Research

Critical Zone Observatory National Office (ESNO)

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

Developing a National Research Infrastructure for Neuroscience (NeuroNex)

Innovation Corps (I-Corps TM) - National Innovation Network Nodes Program (I-Corps[®] Nodes)

Innovation Corps - National Innovation Network Teams Program (I-CorpsTM Teams)

Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

Management and Operation of the National Optical Astronomy Observatory (NOAO)

National Facilities

National Mobile Doppler Radar Facility

National Nanotechnology Coordinated Infrastructure (NNCI)

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)

National STEM Education Distributed Learning (NSDL)

National Science Foundation Research Traineeship (NRT) Program

Natural

Arctic Natural Sciences Program

Dynamics of Coupled Natural and Human Systems (CNH)

Engineering for Natural Hazards (ENH)

Natural Hazards Engineering Research Infrastructure (NHERI)

NCRN

The NSF-Census Research Network (NCRN)

Needs

Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced Manufacturing Research Community

NEON

MacroSystems Biology and Early NEON Science:

NeTS

Networking Technology and Systems (NeTS: JUNO)

Network

Arctic Observing Network (AON)

Computer and Network Systems (CNS): Core Programs

Innovation Corps (I-Corps TM) - National Innovation Network Nodes Program (I-Corps[®] Nodes)

Innovation Corps - National Innovation Network Teams Program (I-CorpsTM Teams)

Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

International Research Network Connections (IRNC)

Network for Computational Nanotechnology (NCN)

The NSF-Census Research Network (NCRN)

Networking

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

Networking Technology and Systems (NeTS: JUNO)

Networks

Energy, Power, Control, and Networks (EPCN)

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

Research Coordination Networks

Science of Learning: Collaborative Networks (SL-CN)

Theoretical and Computational Astrophysics Networks (TCAN)

Neural

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

NeuroNex

Developing a National Research Infrastructure for Neuroscience (NeuroNex)

Neuroscience

Cognitive Neuroscience (CogNeuro)

Collaborative Research in Computational Neuroscience (CRCNS)

Developing a National Research Infrastructure for Neuroscience (NeuroNex)

Next

Future Internet Architectures -- Next Phase (FIA-NP)

Nexus

Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)

Mind, Machine and Motor Nexus (M3X)

NHERI

Natural Hazards Engineering Research Infrastructure (NHERI)

NM

NanoManufacturing (NM)

NNCI

National Nanotechnology Coordinated Infrastructure (NNCI)

NOAO

Management and Operation of the National Optical Astronomy Observatory (NOAO)

Nodes

Innovation Corps (I-Corps TM) - National Innovation Network Nodes Program (I-Corps[®] Nodes)

Noyce

Robert Noyce Teacher Scholarship Program

NRI-2.0

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)

NSDL

National STEM Education Distributed Learning (NSDL)

NSF

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF
Arctic Sciences Section

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in
Engineering and Science (NSF INCLUDES)

NSF Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)

NSF Director's Award for Distinguished Teaching Scholars (DTS)

NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

NSF-CBMS

NSF-CBMS Regional Research Conferences in the Mathematical Sciences

NSF-Census

The NSF-Census Research Network (NCRN)

NSF-NCS

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

NSF-NIST

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)

NSF-Simons

NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)

NSF/CASIS

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the
International Space Station to Benefit Life on Earth

NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit
Life on Earth

NSF/DOE

NSF/DOE Partnership in Basic Plasma Science and Engineering

NSF/FDA

NSF/FDA SCHOLAR-IN-RESIDENCE AT FDA

NSF/Intel

NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures
(CAPA)

NSF/Intel Partnership on Cyber-Physical Systems Security and Privacy (CPS-Security)

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

NSF/Intel Partnership on Visual and Experiential Computing (VEC)

NSF/VMware

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate
Computing Security (SDI-CSCS)

NSFCloud

CISE Research Infrastructure: Mid-Scale Infrastructure - NSFCloud (CRI: NSFCloud)

Nuclear

Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)

Nuclear Physics - Experiment

Nuclear Physics - Theory

Number

Algebra and Number Theory

O to P

Observatories

Critical Zone Observatories (CZO)

Management and Operation of the Ocean Observatories Initiative (OOI)

Observatory

Critical Zone Observatory National Office (ESNO)

Management and Operation of the Gemini Observatory

Management and Operation of the National Optical Astronomy Observatory (NOAO)

Management and Operations of the Arecibo Observatory

Observing

Arctic Observing Network (AON)

Lower Atmosphere Observing Facilities (LAOF)

Ocean

Antarctic Ocean and Atmospheric Sciences

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

Management and Operation of the Ocean Observatories Initiative (OOI)

Ocean Drilling Program (OD)

Ocean Technology and Interdisciplinary Coordination

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean Discovery Program (IODP)

Science Support Office for the International Ocean Discovery Program (IODP)

U.S. Science Support Program associated with the International Ocean Discovery Program (USSSP-IODP)

Oceanographic

Oceanographic Facilities and Equipment Support

Oceanography

Biological Oceanography

Chemical Oceanography

Physical Oceanography

OD

Ocean Drilling Program (OD)

OE

Operations Engineering (OE)

Office

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)

Critical Zone Observatory National Office (ESNO)

Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO) (PAWR/PPO)

Science Support Office for the International Ocean Discovery Program (IODP)

Tomorrow's Internet Project Office (TIPOFF)

Office-National

Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)

Olfactory

Cracking the Olfactory Code (Olfactory)

Operation

Competition for the Management and Operation of the National Center for Atmospheric Research
Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities
at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Management and Operation of the Gemini Observatory

Management and Operation of the National Optical Astronomy Observatory (NOAO)

Management and Operation of the Ocean Observatories Initiative (OOI)

Operations

Management and Operations of the Arecibo Observatory

Operations Engineering (OE)

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean
Discovery Program (IODP)

Opportunities

Arctic Research Opportunities

Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO)
(EPS-WO)

GEO Opportunities for Leadership in Diversity (GOLD)

Opportunities for Promoting Understanding through Synthesis (OPUS)

Optical

Atomic, Molecular and Optical Physics - Theory

Management and Operation of the National Optical Astronomy Observatory (NOAO)

Theory Institute in Atomic, Molecular and Optical Physics

OPUS

Opportunities for Promoting Understanding through Synthesis (OPUS)

Organismal

Division of Integrative Organismal Systems

Organisms

Antarctic Organisms and Ecosystems

Organizations

Science of Organizations (SoO)

Virtual Organizations as Sociotechnical Systems (VOSS)

Origin

Origin of Life

P2C2

Paleo Perspectives on Climate Change (P2C2)

PAARE

Partnerships in Astronomy & Astrophysics Research and Education (PAARE)

PAC

Perception, Action & Cognition (PAC)

PAESMEM

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring
(PAESMEM) (PAESMEM)

Paleo

Paleo Perspectives on Climate Change (P2C2)

Paleobiology

Sedimentary Geology and Paleobiology (SGP)

Paleoclimate

Paleoclimate

Pan-American

Pan-American Advanced Studies Institutes Program (STEM:AGI)

Panel

Panel Study of Income Dynamics (PSID) Competition

Parallelism

Exploiting Parallelism and Scalability (XPS)

Scalable Parallelism in the Extreme (SPX)

Participation

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Broadening Participation in Engineering (BPE)

Louis Stokes Alliances for Minority Participation

Particle

Elementary Particle Physics - Experiment (EPP)

Elementary Particle Physics - Theory

Particle Astrophysics - Experiment

Particle Astrophysics and Cosmology - Theory

Particulate

Particulate and Multiphase Processes

Partnership

NSF/DOE Partnership in Basic Plasma Science and Engineering

NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures (CAPA)

NSF/Intel Partnership on Cyber-Physical Systems Security and Privacy (CPS-Security)

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)

NSF/Intel Partnership on Visual and Experiential Computing (VEC)

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate Computing Security (SDI-CSCS)

Planning a Partnership Model for a Giant Segmented Mirror Telescope

Partnerships

Partnerships for Enhanced Engagement in Research (PEER)

Partnerships for Enhancing Expertise in Taxonomy (PEET)

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-TT)

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)

Partnerships for International Research and Education (PIRE)

Partnerships for Research and Education in Materials (PREM)

Partnerships in Astronomy & Astrophysics Research and Education (PAARE)

STEM + Computing Partnerships (STEM+C)

Science and Technology Centers: Integrative Partnerships

Pathways

Improving Undergraduate STEM Education: Pathways into Geoscience (IUUSE: GEOPATHS)

PAWR

Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO)
(PAWR/PPO)

PAWR/PPO

Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO)
(PAWR/PPO)

PBI

Planetary Biodiversity Inventories (PBI)

PDM

Physical and Dynamic Meteorology (PDM)

PEET

Partnerships for Enhancing Expertise in Taxonomy (PEET)

Perception

Perception, Action & Cognition (PAC)

Performance

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems
(BRAP)

Perspectives

Paleo Perspectives on Climate Change (P2C2)

Petascale

Petascale Computing Resource Allocations (PRAC)

Petrology

Petrology and Geochemistry (CH)

PFC

Physics Frontiers Centers (PFC)

PFE

PFE: Research Initiation in Engineering Formation (PFE: RIEF)

PFI

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-
TT)

PFI:BIC

Partnerships for Innovation: Building Innovation Capacity (PFI:BIC)

PGRP

Plant Genome Research Program (PGRP)

PH

Geophysics (PH)

Phase

Future Internet Architectures -- Next Phase (FIA-NP)

Small Business Innovation Research Program Phase I (SBIR)

Small Business Technology Transfer Program Phase I (STTR)

Towards a Leadership-Class Computing Facility - Phase 1

Transdisciplinary Research in Principles of Data Science Phase I (TRIPODS)

Photonics

Electronics, Photonics and Magnetic Devices (EPMD)

Photosynthesis

Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis

PHY

Division of Physics: Investigator-Initiated Research Projects (PHY)

Physical

Physical Oceanography

Physical and Dynamic Meteorology (PDM)

Physics

Atomic, Molecular and Optical Physics - Theory

Division of Physics: Investigator-Initiated Research Projects (PHY)

Elementary Particle Physics - Experiment (EPP)

Elementary Particle Physics - Theory

Focused Research Hubs in Theoretical Physics (FRHTP)

Gravitational Physics - Experiment

Gravitational Physics - Theory

Integrative Activities in Physics

Magnetospheric Physics

Nuclear Physics - Experiment

Nuclear Physics - Theory

Physics Frontiers Centers (PFC)

Theory Institute in Atomic, Molecular and Optical Physics

PIRE

Partnerships for International Research and Education (PIRE)

Planetary

Planetary Biodiversity Inventories (PBI)

Solar and Planetary Research Grants (SPG)

Planning

Planning a Partnership Model for a Giant Segmented Mirror Telescope

Plant

Developing Country Collaborations in Plant Genome Research (DCC-PGR)

Plant Biotic Interactions

Plant Genome Research Program (PGRP)

Plasma

NSF/DOE Partnership in Basic Plasma Science and Engineering

Platforms

Materials Innovation Platforms (MIP)

Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO)

(PAWR/PPO)

Poker

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Policy

Science of Science and Innovation Policy (SciSIP)

Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants

(SciSIP-DDRIG)

Political

Political Science

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)

Pool

Management of UNOLS Marine Technician Pool

Postdoctoral

Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)

Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)

NSF Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)

NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)

Postdoctoral Research Fellowships in Biology

SBE Postdoctoral Research Fellowships (SPRF)

Power

Algorithms for Modern Power Systems (AMPS)

Energy, Power, Control, and Networks (EPCN)

PRAC

Petascale Computing Resource Allocations (PRAC)

Practical

Ideas Lab: Practical Fully-Connected Quantum Computer Challenge (PFCQC)

Prediction

Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)

Prediction of and Resilience against Extreme Events (PREEVENTS)

PREEVENTS

Prediction of and Resilience against Extreme Events (PREEVENTS)

PreK-12

Discovery Research PreK-12 (DRK-12)

PREM

Partnerships for Research and Education in Materials (PREM)

Presidential

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring
(PAESMEM) (PAESMEM)

Primarily

Facilitating Research at Primarily Undergraduate Institutions:

PRIME

Promoting Research and Innovation in Methodologies for Evaluation (PRIME)

Principles

Transdisciplinary Research in Principles of Data Science Phase I (TRIPODS)

Privacy

NSF/Intel Partnership on Cyber-Physical Systems Security and Privacy (CPS-Security)

Probability

Probability

Process

Process Separations

Process Systems, Reaction Engineering and Molecular Thermodynamics

Processes

Chemistry of Life Processes (CLP)

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the
International Space Station to Benefit Life on Earth

Particulate and Multiphase Processes

Thermal Transport Processes

Processing

Materials Engineering and Processing (MEP)

Semiconductor Synthetic Biology for Information Processing and Storage Technologies
(SemiSynBio)

Professional

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science
Departments (IUSE/PFE: RED)

Professoriate

Alliances for Graduate Education and the Professoriate (AGEP)

Program

Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R²)

Antarctic Artists and Writers Program

Antarctic Earth Sciences Program

Antarctic Glaciology Program

Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)

Arctic Natural Sciences Program

Arctic Research and Education Program

Arctic Social Sciences Program

Arctic System Science (ARCSS) Program

Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-
DDRIG)

CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science

Crosscutting Activities Program in Materials Research (XC)

Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)

EPSCoR Research Infrastructure Improvement Program Track-1: (RII Track-1)

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations
(RII Track-2 FEC)

Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO)
(EPS-WO)

Faculty Early Career Development Program (CAREER)

GeoPRISMS Program

Geography and Spatial Sciences Program (GSS)

Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards
(GSS-DDRI)

Graduate Research Fellowship Program (GRFP)

Graduate Research Internship Program (GRIP)

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

Industry-University Cooperative Research Centers Program (IUCRC)

Innovation Corps (I-Corps TM) - National Innovation Network Nodes Program (I-Corps[®] Nodes)

Innovation Corps - National Innovation Network Teams Program (I-CorpsTM Teams)

Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

International Research Fellowship Program (IRFP)

Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

Major Research Instrumentation Program: (MRI)

Mathematical Sciences Infrastructure Program

National Science Foundation Research Traineeship (NRT) Program
Ocean Drilling Program (OD)
Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean
Discovery Program (IODP)
Pan-American Advanced Studies Institutes Program (STEM:AGI)
Plant Genome Research Program (PGRP)
Robert Noyce Teacher Scholarship Program
SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)
Science Support Office for the International Ocean Discovery Program (IODP)
Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)
Small Business Innovation Research Program Phase I (SBIR)
Small Business Technology Transfer Program Phase I (STTR)
Tribal Colleges and Universities Program (TCUP)
U.S. Science Support Program associated with the International Ocean Discovery Program
(USSSP-IODP)

Programming

NSF/Intel Partnership on Computer Assisted Programming for Heterogeneous Architectures
(CAPA)

Programs

Computer and Network Systems (CNS): Core Programs
Computing and Communication Foundations (CCF): Core Programs
Information and Intelligent Systems (IIS): Core Programs

Project

Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO)
(PAWR/PPO)

Tomorrow's Internet Project Office (TIPOFF)

Projects

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF
Arctic Sciences Section

Division of Physics: Investigator-Initiated Research Projects (PHY)

Promoting

Opportunities for Promoting Understanding through Synthesis (OPUS)
Promoting Research and Innovation in Methodologies for Evaluation (PRIME)

Provision

Provision of Marine Seismic Capabilities to the U. S. Research Community

PS

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)

Psychology

Social Psychology

Q to R

Quantum

CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science
Ideas Lab: Practical Fully-Connected Quantum Computer Challenge (PFCQC)

Quantum Information Science

R&D

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T Competitiveness, STEM Education, S&T Workforce

Radar

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)
National Mobile Doppler Radar Facility

RDCs

Restricted-Access Research Data Centers (RDCs)

Reaction

Process Systems, Reaction Engineering and Molecular Thermodynamics

Realistic

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems (BRAP)

Recovery

Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R²)

RED

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science Departments (IUSE/PFE: RED)

Reforms

Widening Implementation & Demonstration of Evidence-Based Reforms (WIDER)

Regional

Big Data Regional Innovation Hubs (BD Hubs)
Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)
NSF-CBMS Regional Research Conferences in the Mathematical Sciences

Rehabilitation

Disability and Rehabilitation Engineering (DARE)

Reinvestment

Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R²)

Related

Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)

Research

Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R²)
Antarctic Research
Archaeology Program - Doctoral Dissertation Research Improvement Awards (Arch-DDRI)
Arctic Research Opportunities
Arctic Research and Education Program
Astronomy and Astrophysics Research Grants (AAG)
Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)
Basic Research to Enable Agricultural Development (BREAD)
Biological Anthropology Program - Doctoral Dissertation Research Improvement Grants (BA-DDRIG)

Building Community and Capacity in Data Intensive Research in Education (BCC-EHR)
CISE Research Infrastructure (CRI)
CISE Research Infrastructure: Mid-Scale Infrastructure - NSFCloud (CRI: NSFCloud)
Centers of Research Excellence in Science and Technology (CREST) and HBCU Research
Infrastructure for Science and Engineering (RISE)
Chemistry Research Experiences for Undergraduates (REU)
Collaborative Research in Computational Neuroscience (CRCNS)
Collections in Support of Biological Research (CSBR)
Competition for the Management and Operation of the National Center for Atmospheric Research
Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)
Consortium for Advanced Manufacturing Foresights: Defining the Critical Needs of the Advanced
Manufacturing Research Community
Crosscutting Activities Program in Materials Research (XC)
CubeSat-based Science Missions for Geospace and Atmospheric Research
Cultural Anthropology Program - Doctoral Dissertation Research Improvement Grants (CA-DDRIG)
Cyberinfrastructure for Emerging Science and Engineering Research (CESER)
Developing Country Collaborations in Plant Genome Research (DCC-PGR)
Developing a National Research Infrastructure for Neuroscience (NeuroNex)
Discovery Research PreK-12 (DRK-12)
Division of Physics: Investigator-Initiated Research Projects (PHY)
Documenting Endangered Languages - Doctoral Dissertation Research Improvement Grants (DEL-
DDRIG)
Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)
EHR Core Research (ECR)
EMERGING FRONTIERS IN RESEARCH AND INNOVATION 2018
EPSCoR Research Infrastructure Improvement Program Track-1: (RII Track-1)
EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations
(RII Track-2 FEC)
EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)
Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO)
(EPS-WO)
Facilitating Research at Primarily Undergraduate Institutions:
Focused Research Groups in the Mathematical Sciences (FRGMS)
Focused Research Hubs in Theoretical Physics (FRHTTP)
Gen-3 Engineering Research Centers (ERC)
Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards
(GSS-DDRI)
Graduate Research Fellowship Program (GRFP)
Graduate Research Internship Program (GRIP)
High-Risk Research in Biological Anthropology and Archaeology (HRRBAA)
Industry-University Cooperative Research Centers Program (IUCRC)
Instrument Development for Biological Research (IDBR)
International Research Experiences for Students (IRES)
International Research Fellowship Program (IRFP)
International Research Network Connections (IRNC)
Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical

Sciences (DMS/NIGMS)
Linguistics Program - Doctoral Dissertation Research Improvement Awards (Ling-DDRI)
Long Term Ecological Research (LTER-NCO)
Long Term Research in Environmental Biology (LTREB)
Long-Term Ecological Research (LTER)
Long-Term Ecological Research (LTER)
Major Research Instrumentation Program: (MRI)
Materials Research Science and Engineering Centers (MRSEC)
Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)
Mathematical Sciences Research Institutes
NSF-CBMS Regional Research Conferences in the Mathematical Sciences
NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)
NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)
NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the
International Space Station to Benefit Life on Earth
NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit
Life on Earth
National Science Foundation Research Traineeship (NRT) Program
Natural Hazards Engineering Research Infrastructure (NHERI)
PFE: Research Initiation in Engineering Formation (PFE: RIEF)
Partnerships for Enhanced Engagement in Research (PEER)
Partnerships for International Research and Education (PIRE)
Partnerships for Research and Education in Materials (PREM)
Partnerships in Astronomy & Astrophysics Research and Education (PAARE)
Plant Genome Research Program (PGRP)
Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO)
(PAWR/PPO)
Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)
Postdoctoral Research Fellowships in Biology
Promoting Research and Innovation in Methodologies for Evaluation (PRIME)
Provision of Marine Seismic Capabilities to the U. S. Research Community
Research Coordination Networks
Research Experiences for Teachers (RET) in Engineering and Computer Science
Research Experiences for Undergraduates (REU)
Research Training Groups in the Mathematical Sciences (RTG)
Research in the Formation of Engineers (RFE)
Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T
Competitiveness, STEM Education, S&T Workforce
Resource Implementations for Data Intensive Research in the Social Behavioral and Economic
Sciences (RIDIR)
Restricted-Access Research Data Centers (RDCs)
SBE Postdoctoral Research Fellowships (SPRF)
SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)
Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants
(SciSIP-DDRIG)
Small Business Innovation Research Program Phase I (SBIR)

Solar and Planetary Research Grants (SPG)
The NSF-Census Research Network (NCRN)
Transdisciplinary Research in Principles of Data Science Phase I (TRIPODS)
US-Japan Big Data and Disaster Research (BDD)

Research-

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-TT)

Resilience

Prediction of and Resilience against Extreme Events (PREEVENTS)

Resilient

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)
Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)
Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS)

Resolute

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

Resolution

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean Discovery Program (IODP)

Resource

Petascale Computing Resource Allocations (PRAC)
Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

Resources

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

Restricted-Access

Restricted-Access Research Data Centers (RDCs)

REU

Chemistry Research Experiences for Undergraduates (REU)
Research Experiences for Undergraduates (REU)

Revolutionize

Designing Materials to Revolutionize and Engineer our Future (DMREF)

REvolutionizing

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science Departments (IUSE/PFE: RED)

RIDIR

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

RIEF

PFE: Research Initiation in Engineering Formation (PFE: RIEF)

RII

EPSCoR Research Infrastructure Improvement Program Track-1: (RII Track-1)
EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)

Rise

Thwaites: The Future of Thwaites Glacier and its Contribution to Sea-level Rise

Risk

Decision, Risk and Management Sciences (DRMS)

Robert

Robert Noyce Teacher Scholarship Program

Robotics

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)

Robots

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)

Rock

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

RSB

Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)

RTG

Research Training Groups in the Mathematical Sciences (RTG)

S

S

Provision of Marine Seismic Capabilities to the U. S. Research Community

S&AS

Smart and Autonomous Systems (S&AS)

S&CC

Smart and Connected Communities (S&CC)

S&T

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T Competitiveness, STEM Education, S&T Workforce

S-STEM

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

S2I2

Software Infrastructure for Sustained Innovation (SSE, SSI, S2I2)

SAEM

Structural and Architectural Engineering and Materials (SAEM)

SaTC

Secure and Trustworthy Cyberspace (SaTC)

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS)

SBE

SBE Postdoctoral Research Fellowships (SPRF)

SBIR

Small Business Innovation Research Program Phase I (SBIR)

Scalability

Exploiting Parallelism and Scalability (XPS)

Scalable

Scalable Nanomanufacturing for Integrated Systems (SNM-IS)
Scalable Parallelism in the Extreme (SPX)

Scatter

Management and Operation of the Advanced Modular Incoherent Scatter Radar (AMISR) Facilities
at Poker Flat, AK, and Resolute Bay, Canada (AMISR-M&O)

SCH

Smart and Connected Health (SCH)

SCHOLAR-IN-RESIDENCE

NSF/FDA SCHOLAR-IN-RESIDENCE AT FDA

Scholars

Cultural Anthropology Scholars Awards
NSF Director's Award for Distinguished Teaching Scholars (DTS)

Scholarship

CyberCorps(R) Scholarship for Service (SFS)
Robert Noyce Teacher Scholarship Program

Scholarships

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

Science

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and
Engineering Careers
Antarctic Integrated System Science
Arctic System Science (ARCSS) Program
CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science
Centers of Research Excellence in Science and Technology (CREST) and HBCU Research
Infrastructure for Science and Engineering (RISE)
Computational and Data-Enabled Science and Engineering (CDS&E)
Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences
(CDS&E-MSS)
Computer Science for All (CSforAll:RPP)
Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)
CubeSat-based Science Missions for Geospace and Atmospheric Research
Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)
Cyberinfrastructure for Emerging Science and Engineering Research (CESER)
Domestic Nuclear Detection Office-National Science Foundation Academic Research Initiative (ARI)
Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in
Engineering and Science (NSF INCLUDES)
MacroSystems Biology and Early NEON Science:
Materials Research Science and Engineering Centers (MRSEC)
Materials Use: Science, Engineering, and Society (MUSES)
NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)
NSF/DOE Partnership in Basic Plasma Science and Engineering
National Science Foundation Research Traineeship (NRT) Program
Political Science
Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)
Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring

(PAESMEM) (PAESMEM)
Quantum Information Science
Research Experiences for Teachers (RET) in Engineering and Computer Science
Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T
Competitiveness, STEM Education, S&T Workforce
Science Support Office for the International Ocean Discovery Program (IODP)
Science and Technology Centers: Integrative Partnerships
Science of Learning (SL)
Science of Learning: Collaborative Networks (SL-CN)
Science of Organizations (SoO)
Science of Science and Innovation Policy (SciSIP)
Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants
(SciSIP-DDRIG)
Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)
Science, Technology, and Society (STS)
Systems Science (SYS)
Transdisciplinary Research in Principles of Data Science Phase I (TRIPODS)
U.S. Science Support Program associated with the International Ocean Discovery Program
(USSSP-IODP)
United States-Israel Collaboration in Computer Science (USICCS)

Sciences

Antarctic Astrophysics and Geospace Sciences
Antarctic Earth Sciences Program
Antarctic Ocean and Atmospheric Sciences
Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF
Arctic Sciences Section
Arctic Natural Sciences Program
Arctic Social Sciences Program
Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)
Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences
(CDS&E-MSS)
Conferences and Workshops in the Mathematical Sciences
Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)
Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications
of Big Data Sciences and Engineering (BIGDATA)
Decision, Risk and Management Sciences (DRMS)
Developmental Sciences (DS)
Earth Sciences: Instrumentation and Facilities (EAR/IF)
Earth Sciences: Laboratory Technician Support (EAR/LTS)
Enriched Doctoral Training in the Mathematical Sciences (EDT)
Environmental Chemical Sciences (ECS)
Focused Research Groups in the Mathematical Sciences (FRGMS)
Geography and Spatial Sciences Program (GSS)
Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards
(GSS-DDRI)
Hydrologic Sciences

Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical Sciences (DMS/NIGMS)

Law & Social Sciences (LSS)

Mathematical Sciences Infrastructure Program

Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)

Mathematical Sciences Research Institutes

NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)

NSF-CBMS Regional Research Conferences in the Mathematical Sciences

Research Training Groups in the Mathematical Sciences (RTG)

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

Scientific

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems (BRAP)

Continental Scientific Drilling Coordination Office for the Division of Earth Sciences (CSDCO)

NSF-NIST Interaction in Basic and Applied Scientific Research in BIO, ENG & MPS (NSF-NIST)

SciSIP

Science of Science and Innovation Policy (SciSIP)

SciSIP-DDRIG

Science of Science and Innovation Policy Doctoral Dissertation Research Improvement Grants (SciSIP-DDRIG)

SDCI

Software Development for Cyberinfrastructure (SDCI)

SDI-CSCS

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate Computing Security (SDI-CSCS)

Sea-level

Thwaites: The Future of Thwaites Glacier and its Contribution to Sea-level Rise

Section

Archiving and Discovering of Data and Metadata Generated through Projects Funded by the NSF Arctic Sciences Section

Secure

Secure and Trustworthy Cyberspace (SaTC)

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS)

Security

NSF/Intel Partnership on Cyber-Physical Systems Security and Privacy (CPS-Security)

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate Computing Security (SDI-CSCS)

Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All

Sediment

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

Sedimentary

Sedimentary Geology and Paleobiology (SGP)

SEES

Coastal SEES (Coastal SEES)

Segmented

Planning a Partnership Model for a Giant Segmented Mirror Telescope

Seismic

Provision of Marine Seismic Capabilities to the U. S. Research Community

Semiconductor

Semiconductor Synthetic Biology for Information Processing and Storage Technologies
(SemiSynBio)

Semiconductors

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors
and Systems (SaTC: STARSS)

SemiSynBio

Semiconductor Synthetic Biology for Information Processing and Storage Technologies
(SemiSynBio)

Sensing-Systems

Communications, Circuits, and Sensing-Systems (CCSS)

Separations

Process Separations

Service

CyberCorps(R) Scholarship for Service (SFS)

SFS

CyberCorps(R) Scholarship for Service (SFS)

SGP

Sedimentary Geology and Paleobiology (SGP)

Sites

Innovation Corps- National Innovation Network Sites Program (I-Corps Sites)

SL

Science of Learning (SL)

SL-CN

Science of Learning: Collaborative Networks (SL-CN)

Small

Small Business Innovation Research Program Phase I (SBIR)

Small Business Technology Transfer Program Phase I (STTR)

Smart

Smart and Autonomous Systems (S&AS)

Smart and Connected Communities (S&CC)

Smart and Connected Health (SCH)

SNM-IS

Scalable Nanomanufacturing for Integrated Systems (SNM-IS)

Soc-DDRI

SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

Social

Arctic Social Sciences Program

Law & Social Sciences (LSS)

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic
Sciences (RIDIR)

Social Psychology

Society

Materials Use: Science, Engineering, and Society (MUSES)

Metabolomics for a Low Carbon Society (METABOLOMICS)

Science, Technology, and Society (STS)

SOCIOLOGY

SOCIOLOGY PROGRAM - Doctoral Dissertation Research Improvement Awards (Soc-DDRI)

Sociology

Sociotechnical

Virtual Organizations as Sociotechnical Systems (VOSS)

Software

NSF/VMware Partnership on Software Defined Infrastructure as a Foundation for Clean-Slate

Computing Security (SDI-CSCS)

Software Development for Cyberinfrastructure (SDCI)

Software Infrastructure for Sustained Innovation (SSE, SSI, S2I2)

Solar

Solar Terrestrial

Solar and Planetary Research Grants (SPG)

SoO

Science of Organizations (SoO)

Southern

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from

Antarctica and the Southern Ocean

Space

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the

International Space Station to Benefit Life on Earth

NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit

Life on Earth

Spatial

Geography and Spatial Sciences Program (GSS)

Geography and Spatial Sciences Program - Doctoral Dissertation Research Improvement Awards

(GSS-DDRI)

Spectrum

Spectrum Efficiency, Energy Efficiency, and Security (SpecEES): Enabling Spectrum for All

SPG

Solar and Planetary Research Grants (SPG)

Spokes

Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD

Spokes)

SPRF

SBE Postdoctoral Research Fellowships (SPRF)

SPX

Scalable Parallelism in the Extreme (SPX)

SSE

Software Infrastructure for Sustained Innovation (SSE, SSI, S2I2)

SSI

Software Infrastructure for Sustained Innovation (SSE, SSI, S2I2)

STARSS

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS)

States-Israel

United States-Israel Collaboration in Computer Science (USICCS)

Station

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the International Space Station to Benefit Life on Earth
NSF/CASIS Collaboration on Fluid Dynamics Research on the International Space Station to Benefit Life on Earth

Stations

Improvements in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (FSML)

Statistical

Computational and Data-Enabled Science and Engineering in Mathematical and Statistical Sciences (CDS&E-MSS)

Statistics

Methodology, Measurement, and Statistics (MMS)
Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T Competitiveness, STEM Education, S&T Workforce
Statistics

STEM

Advancing Informal STEM Learning (AISL)
Cultivating Cultures for Ethical STEM (CCE STEM)
Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)
Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)
National STEM Education Distributed Learning (NSDL)
Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T Competitiveness, STEM Education, S&T Workforce
STEM + Computing Partnerships (STEM+C)

STEM+C

STEM + Computing Partnerships (STEM+C)

STEM:AGI

Pan-American Advanced Studies Institutes Program (STEM:AGI)

STEP

Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)

Stewardship

Curatorial Stewardship of a National Collection of Geological Rock & Sediment Cores from Antarctica and the Southern Ocean

Stimulate

Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO) (EPS-WO)

Stokes

Louis Stokes Alliances for Minority Participation

Storage

Semiconductor Synthetic Biology for Information Processing and Storage Technologies
(SemiSynBio)

Strategies

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

Structural

Structural and Architectural Engineering and Materials (SAEM)

Structure

Chemical Structure, Dynamics and Mechanisms (CSDM-A)

Chemical Structure, Dynamics and Mechanisms (CSDM-B)

Structures

Mechanics of Materials and Structures (MOMS)

STS

Science, Technology, and Society (STS)

STTR

Small Business Technology Transfer Program Phase I (STTR)

Students

Innovative Technology Experiences for Students and Teachers (ITEST)

International Research Experiences for Students (IRES)

Studies

Cooperative Studies Of The Earth's Deep Interior (CSEDI)

Pan-American Advanced Studies Institutes Program (STEM:AGI)

Study

Panel Study of Income Dynamics (PSID) Competition

Support

Collections in Support of Biological Research (CSBR)

Earth Sciences: Laboratory Technician Support (EAR/LTS)

Joint DMS/NIGMS Initiative to Support Research at the Interface of the Biological and Mathematical
Sciences (DMS/NIGMS)

Oceanographic Facilities and Equipment Support

Science Support Office for the International Ocean Discovery Program (IODP)

U.S. Science Support Program associated with the International Ocean Discovery Program
(USSSP-IODP)

Supramolecular

Macromolecular, Supramolecular and Nanochemistry (MSN)

Surpassing

Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis

Surveys

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T
Competitiveness, STEM Education, S&T Workforce

Sustainability

Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)

Energy for Sustainability

Environmental Sustainability

Sustainable

Decision Frameworks for Multi-Hazard Resilient and Sustainable Buildings (RSB)

Sustained

Software Infrastructure for Sustained Innovation (SSE, SSI, S2I2)

SYN

Chemical Synthesis (SYN)

Synthesis

Chemical Synthesis (SYN)

Opportunities for Promoting Understanding through Synthesis (OPUS)

Synthetic

Semiconductor Synthetic Biology for Information Processing and Storage Technologies
(SemiSynBio)

SYS

Systems Science (SYS)

System

Antarctic Integrated System Science

Arctic System Science (ARCSS) Program

Systems

Algorithms for Modern Power Systems (AMPS)

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems
(BRAP)

Civil Infrastructure Systems (CIS)

Combustion and Fire Systems

Computer and Network Systems (CNS): Core Programs

Critical Resilient Interdependent Infrastructure Systems and Processes FY17 (CRISP)

Cyber-Physical Systems (CPS)

Cybermanufacturing Systems (CM)

Design of Engineering Material Systems (DEMS)

Dynamics of Coupled Natural and Human Systems (CNH)

Dynamics, Control and Systems Diagnostics (DCSD)

Engineering and Systems Design (ESD)

Engineering of Biomedical Systems (EBMS)

FAILURE-RESISTANT SYSTEMS (FRS)

Information and Intelligent Systems (IIS): Core Programs

Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)

Integrated Earth Systems (IES)

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

NSF-Simons Research Centers for Mathematics of Complex Biological Systems (MathBioSys)

NSF/Intel Partnership on Cyber-Physical Systems Security and Privacy (CPS-Security)

Networking Technology and Systems (NeTS: JUNO)

Process Systems, Reaction Engineering and Molecular Thermodynamics

Scalable Nanomanufacturing for Integrated Systems (SNM-IS)

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors
and Systems (SaTC: STARSS)

Smart and Autonomous Systems (S&AS)

Systems Science (SYS)

Virtual Organizations as Sociotechnical Systems (VOSS)

Systems

T to Z

Talent

Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)

Taxonomy

Partnerships for Enhancing Expertise in Taxonomy (PEET)

TCAN

Theoretical and Computational Astrophysics Networks (TCAN)

TCUP

Tribal Colleges and Universities Program (TCUP)

Teacher

Robert Noyce Teacher Scholarship Program

Teachers

Innovative Technology Experiences for Students and Teachers (ITEST)

Research Experiences for Teachers (RET) in Engineering and Computer Science

Teaching

NSF Director's Award for Distinguished Teaching Scholars (DTS)

Teams

Innovation Corps - National Innovation Network Teams Program (I-Corps™ Teams)

Technician

Earth Sciences: Laboratory Technician Support (EAR/LTS)

Management of UNOLS Marine Technician Pool

Techniques

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Technological

Advanced Technological Education (ATE)

Technologies

Advanced Technologies and Instrumentation (ATI)

Critical Techniques, Technologies and Methodologies for Advancing Foundations and Applications of Big Data Sciences and Engineering (BIGDATA)

Cyberlearning and Future Learning Technologies

Semiconductor Synthetic Biology for Information Processing and Storage Technologies (SemiSynBio)

Technology

Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)

Innovative Technology Experiences for Students and Teachers (ITEST)

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

Networking Technology and Systems (NeTS: JUNO)

Ocean Technology and Interdisciplinary Coordination

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-TT)

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T

Competitiveness, STEM Education, S&T Workforce
Science and Technology Centers: Integrative Partnerships
Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)
Science, Technology, and Society (STS)
Small Business Technology Transfer Program Phase I (STTR)

Tectonics

Tectonics

Telescope

Planning a Partnership Model for a Giant Segmented Mirror Telescope

Term

Long Term Ecological Research (LTER-NCO)
Long Term Research in Environmental Biology (LTREB)

Terrestrial

Solar Terrestrial

Theoretical

Focused Research Hubs in Theoretical Physics (FRHTP)
Theoretical and Computational Astrophysics Networks (TCAN)

Theory

Advancing Theory in Biology (ATB)
Algebra and Number Theory
Atomic, Molecular and Optical Physics - Theory
Chemical Theory, Models and Computational Methods (CTMC)
Condensed Matter and Materials Theory (CMMT)
Elementary Particle Physics - Theory
Gravitational Physics - Theory
Nuclear Physics - Theory
Particle Astrophysics and Cosmology - Theory
Theory Institute in Atomic, Molecular and Optical Physics

Therapeutic

Advanced Biomanufacturing of Therapeutic Cells (ABTC)

Thermal

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the
International Space Station to Benefit Life on Earth
Thermal Transport Processes

Thermodynamics

Process Systems, Reaction Engineering and Molecular Thermodynamics

Threat

Algorithms for Threat Detection (ATD)

Threats

Explosives and Related Threats: Frontiers in Prediction and Detection (EXP)

Thwaites

Thwaites: The Future of Thwaites Glacier and its Contribution to Sea-level Rise

TIPOFF

Tomorrow's Internet Project Office (TIPOFF)

TM

Innovation Corps (I-Corps TM) - National Innovation Network Nodes Program (I-CorpsTM Nodes)

Tomorrow

Tomorrow's Internet Project Office (TIPOFF)

Topology

Topology

Towards

Towards a Leadership-Class Computing Facility - Phase 1

Track

EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)

Track-1

EPSCoR Research Infrastructure Improvement Program Track-1: (RII Track-1)

Track-2

EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations
(RII Track-2 FEC)

Track-4

EPSCoR Research Infrastructure Improvement Track 4: EPSCoR Research Fellows (RII Track-4)

Traineeship

National Science Foundation Research Traineeship (NRT) Program

Training

Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century
Workforce

Enriched Doctoral Training in the Mathematical Sciences (EDT)

Research Training Groups in the Mathematical Sciences (RTG)

Training-based

Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

Transdisciplinary

Transdisciplinary Research in Principles of Data Science Phase I (TRIPODS)

Transfer

Small Business Technology Transfer Program Phase I (STTR)

Transformative

Surpassing Evolution: Transformative Approaches to Enhance the Efficiency of Photosynthesis

Translation

Partnerships for Innovation: Accelerating Innovation Research- Technology Translation (PFI: AIR-
TT)

Transport

NSF/CASIS Collaboration on Combustion and Thermal Transport Processes Research on the
International Space Station to Benefit Life on Earth
Thermal Transport Processes

Tribal

Tribal Colleges and Universities Program (TCUP)

TRIPODS

Transdisciplinary Research in Principles of Data Science Phase I (TRIPODS)

Trustworthy

Secure and Trustworthy Cyberspace (SaTC)

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors
and Systems (SaTC: STARSS)

U

Provision of Marine Seismic Capabilities to the U. S. Research Community

U.S

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T
Competitiveness, STEM Education, S&T Workforce

U.S. Science Support Program associated with the International Ocean Discovery Program
(USSSP-IODP)

Ubiquitous

National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)

Undergraduate

Facilitating Research at Primarily Undergraduate Institutions:
Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)
Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

Undergraduates

Chemistry Research Experiences for Undergraduates (REU)
Research Experiences for Undergraduates (REU)

Underrepresented

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in
Engineering and Science (NSF INCLUDES)

Understanding

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)
Opportunities for Promoting Understanding through Synthesis (OPUS)

United

United States-Israel Collaboration in Computer Science (USICCS)

Universities

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)
Tribal Colleges and Universities Program (TCUP)

UNOLS

Management of UNOLS Marine Technician Pool

US

US Ignite:
Wireless Innovation between Finland and US (WiFiUS)

US-Japan

US-Japan Big Data and Disaster Research (BDD)

Use

Geomorphology and Land Use Dynamics
Materials Use: Science, Engineering, and Society (MUSES)

USICCS

United States-Israel Collaboration in Computer Science (USICCS)

USSSP-IODP

U.S. Science Support Program associated with the International Ocean Discovery Program
(USSSP-IODP)

VEC

NSF/Intel Partnership on Visual and Experiential Computing (VEC)

Vessel

Operations Management of the Drilling Vessel JOIDES Resolution for the International Ocean
Discovery Program (IODP)

Virtual

Virtual Organizations as Sociotechnical Systems (VOSS)

Visual

NSF/Intel Partnership on Visual and Experiential Computing (VEC)

Visualization

Innovations in Biological Imaging and Visualization (IBIV)

VOSS

Virtual Organizations as Sociotechnical Systems (VOSS)

Water

Innovations at the Nexus of Food, Energy and Water Systems (INFEWS)

Widening

Widening Implementation & Demonstration of Evidence-Based Reforms (WIDER)

WIDER

Widening Implementation & Demonstration of Evidence-Based Reforms (WIDER)

WiFiUS

Wireless Innovation between Finland and US (WiFiUS)

Wireless

NSF/Intel Partnership on Information-Centric Networking in Wireless Edge Networks (ICN-WEN)
Platforms for Advanced Wireless Research (PAWR): Establishing the PAWR Project Office (PPO)
(PAWR/PPO)

Wireless Innovation between Finland and US (WiFiUS)

Women

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and
Engineering Careers

Workforce

Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century
Workforce

Research on the Science and Technology Enterprise: Statistics and Surveys - R&D, U.S. S&T
Competitiveness, STEM Education, S&T Workforce

Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

Workshop

Experimental Program to Stimulate Competitive Research: Workshop Opportunities (EPS-WO)
(EPS-WO)

Workshops

Conferences and Workshops in the Mathematical Sciences

Writers

Antarctic Artists and Writers Program

XC

Crosscutting Activities Program in Materials Research (XC)

XPS

Exploiting Parallelism and Scalability (XPS)

Zone

Critical Zone Observatories (CZO)

Critical Zone Observatory National Office (ESNO)