FY2014 grant activity & awards

2nd Annual Grant Recognition Event

May 12, 2014
FY14 New Grant Awards

$1.5M new grant awards

16 new awards
140% FY12 | 33% FY13
Matthew Beckman

Dog Waste Runoff Project

$2,000

Mississippi Watershed Management Organization
Collaborative Research: Continued study of ultra low frequency (ULF) waves at cusp latitudes on Svalbard to probe earth’s space environment

$185,940

National Science Foundation
Collaborative research: Studies of magnetosphere-ionosphere coupling and space weather using the magnetometer array for cusp and cleft studies (MACCS)

$425,919

National Science Foundation

Collaborators: David Murr, Viacheslav Pilepenko, Jennifer Posch, Laura Simms, & Erik Steinmetz
Mark Engebretson

New Award!

Student support supplement: Studies of solar wind-magnetosphere interactions using observations of ULF waves at an extensive ground array at high latitudes

$16,145

National Science Foundation
Darcey Engen

New Award!

Peer Gynt

$250

Sons of Norway Foundation
David Hanson

New Award!

$386,163

National Science Foundation

Nucleation studies with sulfuric acid (H2SO4) and nitrogenous bases
Nidanie Henderson-Stull

RIG: Biochemical and structural studies of the Bcr multienzyme polypeptide

$171,763

National Science Foundation
Ann Impullitti

**MRI: Acquisition of a portable photosynthesis system for plant ecology research**

$122,684

National Science Foundation
Ann Kaufman

New Award!

Paideia Summer Institute—Year 4

$41,281

Minnesota Office of Higher Education
Michael Lansing

The Historyapolis Project: The Research Phase

$82,486

Minnesota Historical Society

Collaborator: Kirsten Delegard
Audrey Lensmire

East African Teacher to Student Program

$390,000

Minnesota Department of Education

Collaborator: Yodit Tensfaye
Donna Patterson

Naadamaadawin Tribal Special Education Cohort 1

$15,051

University of Minnesota, Duluth | Prime: Minnesota Department of Education

Collaborator: Susan O’Connor
New Award!

Donna Patterson

Exploratory Somali Special Education Cohort and Naadamaaadawin Tribal Cohort 2

$62,471

University of Minnesota, Duluth | Prime: Minnesota Department of Education

Collaborator: Susan O’Connor
People don’t wave any more: The price local communities pay when big oil comes to town

$1,500

Midwest Sociological Society

[ individual grant ]
Mary Laurel True

Midnimo: Music for Unity, Campus, and Community

$20,000

The Cedar Cultural Center | Prime: Association for Performing Arts Presenters

Collaborators: Bob Stacke, Matthew Maruggi, Joe Underhill, Sarah Combellick-Bidney, Adriane Brown, & Caroline Maguire
Michael Wentzel

$i$-NMR software for interactive spectroscopy analysis of organic compounds

$1,000$

Chemistry Collaborations Workshops and Communities of Scholars Program (cCWCS)
John Zobitz

Engaging Mathematics

$28,800

SENCER | Prime: National Science Foundation

Collaborators: Tracy Bibelnieks & Mark Lester
FY14 Ongoing Projects

38 active awards

51 faculty
324 students
Matthew Beckman

The role of life history tradeoffs in shaping the motor program of daphnid species

$25,000

Eppley Foundation for Research
Harry Boyte

Solutions to poverty from a public policy perspective

$35,000

Northwest Area Foundation
Harry Boyte

Linked Futures

$153,400

Kettering Foundation

Collaborators: Elaine Eschenbacher
Rebekah Dupont

AugSTEM Scholarships: Preparing Juniors and Seniors for Careers in STEM

$599,977

National Science Foundation

Collaborator: Benjamin Stottrup
Rebekah Dupont

North Star STEM Alliance, Year 7

$27,400 ($54,300 total)

University of Minnesota | Prime: National Science Foundation
Mark Engebretson

Ongoing project

Collaborative Research: Studies of Solar Wind - Magnetosphere Interactions using Observations of ULF Waves at an Extensive Ground Array at High Latitudes

$259,345

National Science Foundation
Elaine Eschenbacher

Ongoing Project

West Side Teen Leadership and Engagement

$15,000

Travelers
RUI: Laboratory studies of particle nucleation—homogeneous nucleation involving sulfuric acid ($H_2S0_4$), water ($H_2O$), and ammonia ($NH_3$) vapors

$308,758

National Science Foundation
David Hanson

Towards a molecular understanding of atmospheric nucleation: Reactions of amines with sulfuric acid clusters

$74,824

University of Minnesota | Prime: National Science Foundation
Twin Cities Teacher Collaborative (TC2)  
STEM Urban Teacher Residency

$280,000

Collaboration with Hamline University, Bethel University, St. Catherine University, Concordia Saint Paul, and University of St. Thomas
Derek Johnson

21st Century Community Learning Centers

$1,101,798

Minnesota Department of Education

Collaborators: Caritza Mariani, Raymond Kidd, Dennis Donovan
Merilee Klemp

Riverside Winds

$9,600

Minnesota Arts and Cultural Heritage Fund
David Matz

Ongoing project

TUES Type 1: Eye Trackers for Behavioral Science at Macalester and Augsburg Colleges

$69,836

National Science Foundation
Janet Morales

Travelers EDGE Scholars Program

$105,000

Travelers
David Murr

NASA Space Consortium Grant

$53,755 ($185,123 total)

University of Minnesota | Prime: NASA
Alyson Olson

Student Support Services (TRIO/SSS)

$1,219,938

U.S. Department of Education

Collaborators: Kimberly Bestler, Kevin Cheatham, Melody Martagon-Geiger, & Xia Xiong-Vang
Kevin Potts

Nutritional Ecology of Chimpanzees

$9,315

Leakey Foundation
Erik Skold

Ongoing project

NorthStar Youth Work Fellowship

$20,000
Youthprise
Benjamin Stottrup

New Award!

Student Support: Summer Undergraduate Research Fellowship

$7,220

National Institute of Standards and Technology
Benjamin Stottrup

Ongoing Project

RUI: Investigations of pattern formation and morphology in two dimensional self-assembled model biomembranes

$157,925

National Science Foundation
Tina Maria Tavera

Ronald E. McNair Postbaccalaureate Achievement Program

$1,088,474

U.S. Department of Education

Collaborators: Brian Greening & Lara Crombie
Michael Wentzel

Center for sustainable polymers

Collaborator

University of Minnesota | Prime: National Science Foundation
FY14 New Submissions

24 new proposal submissions

41% growth

12 departments
Phillip Adamo | National Endowment for the Humanities
David Crowe | National Institutes of Health
Su Doree | National Science Foundation
Rebekah Dupont | AAC&U; Great Lakes Foundation; Bush Foundation
Mark Engebretson | National Science Foundation
Vivian Feng | H-Cube
David Hanson | Department of Energy
Anne Kaufman | State of Minnesota
Ericka Kimball: Fahs-Beck Fund for Research and Experimentation
Cheryl Leuning: Health Resources and Services Administration
David Murr: NASA
Susan O’Connor: Spencer Foundation
Milo Schield: National Science Foundation; AAC&U
Nancy Steblay: National Science Foundation
Benjamin Stottrup: National Science Foundation
Michael Wentzel | NSF MRI, Spe-ed, & H-Cube

FY2014 New Proposal Submissions
Note: includes pending or currently unfunded only
FY14 Pending Awards

14 pending awards

$3.2M requested