### DOLLARS AWARDED BY SOURCE

<table>
<thead>
<tr>
<th>Source</th>
<th>THIS REPORT</th>
<th>CUMULATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Government</td>
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<td>11,099,337</td>
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<tr>
<td>State of Illinois</td>
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<td>9,910,743</td>
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<tr>
<td>Corporate</td>
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</tr>
<tr>
<td>Public/Not for Profit</td>
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<td>946,570</td>
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<tr>
<td>Foreign</td>
<td>65,000</td>
<td>135,000</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>5,909,849</strong></td>
<td><strong>22,341,144</strong></td>
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### DOLLARS AWARDED BY PURPOSE

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<tr>
<th>Purpose</th>
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<tr>
<td>Instruction</td>
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<td>Research</td>
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<td>Other</td>
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<td>Student Services</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>22,341,144</strong></td>
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### DOLLARS AWARDED BY COLLEGE

<table>
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<tr>
<th>College</th>
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<tr>
<td>College of Business</td>
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<td>College of Education</td>
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<td>College of Health and Human Sciences</td>
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<td>College of Visual and Performing Arts</td>
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<tr>
<td>Other University Units</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>5,909,849</strong></td>
<td><strong>22,341,144</strong></td>
</tr>
</tbody>
</table>
ANTHROPOLOGY

National Endowment for the Humanities/National Foundation on the Arts and Humanities for "Textile Storage and Environmental Monitoring." Jennifer Kirker-Priest/Laura McDowell Hopper.
Award: $5,939.00.
May 1, 2014 - October 31, 2015. (Instructional Programs) Instructional Programs.

The goal of this project is for the Anthropology Museum Curator to take a special class in textile conservation and purchase the supplies needed to better conserve the textiles.

Award: $120,000.00.

The purpose of this project is to ensure the Clean Water Act permitting program in Illinois is enforced, water monitoring on tributaries to the Mississippi River is carried out, and the organization Illinois Citizens for Clean Air and Water is sustained.

The Field Museum for "Student Internship at the Field Museum." Winifred M. Creamer.
Award: $3,000.00.
October 1, 2013 - December 31, 2013. (Instructional Programs) Instructional Programs.

This project supports a student internship at the Field Museum.

ART MUSEUM

Award: $6,500.00.

The purpose of this project is to support the Art Museum's 2013-14 season exhibitions and their related publication and educational program offerings.

BIOLOGICAL SCIENCES

Award: $113,981.00.

Funds will be used to increase our understanding of the signaling pathways in the tumor microenvironment that contribute to the progression of Waldenstrom's macroglobulinemia with the goal of facilitating the development of new targeted therapies for WM patients.
Washington University for "Evolutionary Diversification of Photosynthesis and the Anoxygenic to Oxygenic Transition." Wesley Swingley.
Award: $34,025.00.

The goals of the project are to use the genomic data that is determined to understand better the origin and evolution of photosynthesis and to explore mechanisms of the anoxygenic to oxygenic transition.

CENTER FOR CHILD WELFARE AND EDUCATION

Illinois Department of Children and Family Services for "FY14 Educational Access Project." Angela Baron-Jeffrey.
Award: $1,267,769.00.

The purpose of this project is to promote academic success for every child who is a ward of the Illinois Department of Children and Family Services and children who have been adopted or are in subsidized guardianship.

Illinois Department of Children and Family Services for "FY14 Northern Region Permanency Enhancement Project." Angela Baron-Jeffrey.
Award: $50,000.00.

Funds are being used to guide the development and implementation of action plans to improve permanency outcomes and reduce the disproportionate representation of African American children among families served.

CENTER FOR SOUTHEAST ASIAN STUDIES

Department of State for "FY2014 Southeast Asia Youth Leadership Program: Nurturing a New Generation of Citizen Activists and Community Leaders in ASEAN." Judy L. Ledgerwood/Maria Nihei.
Award: $490,000.00.

The goal of this project is to plan and conduct an exchange program that brings 60 youth and adult participants from Southeast Asia to NIU.

CENTER FOR THE STUDY OF FAMILY VIOLENCE AND SEXUAL ASSAULT

Kansas State University for "Family Advocacy Program (FAP) Quality Assurance Projects." Joel S. Milner/Julie L. Crouch/Randy McCarthy.
Award: $220,000.00.
These projects will assist the U.S. Air Force's Family Advocacy and New Parent Support Programs to use their databases for accurate assessment, implement prevention/treatment processes and evaluate data for management and quality control purposes.

CHEMISTRY AND BIOCHEMISTRY


Funds are being used to study the effectiveness of monoclonal antibodies for the detection of latent fingerprints.

COLLEGE OF ENGINEERING & ENGINEERING TECHNOLOGY, DEAN'S OFFICE


Funds are used for professional development experiences for middle school math and science teachers through an intensive workshop program with follow up visitations during school year.


The purpose of this project is to perform spectroscopic testing and analysis.

COMPUTER SCIENCE


The purpose of this project is to support the Advanced Integration Group in the Argonne Leadership Computing Facility in the area of Planar 4K display.

Argonne National Laboratory for "Tracklib Development and Storage Control System." Nicholas T. Karonis. Award: $38,403.00.

The purpose of this project is to provide support for undergraduate students to participate as members of the Advanced Integration Group (AIG) in the Argonne Leadership Computing Facility (ACLF).

COUNSELING, ADULT AND HIGHER EDUCATION

Kenneth Young Center for "Project Educare." Debra Pender.
Award: $40,000.00.

The purpose of this project is to develop and maintain a child and adolescent-specific, evidence-based practice e-Learning Collaborative for continuing education for providers working within the IL Dept. of Mental Health, Child and Adolescent Division system and its supported agencies.

ELECTRICAL ENGINEERING

Argonne National Laboratory for "Device Parameter Extraction and Modeling." Ibrahim M. Abdel-Motaleb/Pradip Majumdar.
Award: $29,676.00.

The purpose of this project is to provide electronics knowledge and skills in support of activities in Argonne National Laboratory's Process Technology Research Section.

ENGINEERING TECHNOLOGY

PetAg, Inc. for "Nutritional Product Formula Review." William Mills.
Award: $1,200.00.

The purpose of this project is to review PetAg's nutritional product formulas and production of the formulas.

ENGLISH

National Endowment for the Humanities/National Foundation on the Arts and Humanities for "Islamic Literacy in Early America: Muslim Sources of U.S. Authorship." Jeffrey Matthew Einboden.
Award: $50,400.00.
Uncovering Islam's formative impact on the nation's literature, this project traces covert genealogies of Arabic and Persian influence, extending from Revolutionary beginnings to the Civil War.

GEOLOGY AND ENVIRONMENTAL GEOSCIENCES

National Geographic Society for "Holocene Climate Variability, Water Resource Availability, and Human Settlement in the Atacama Desert, Chile from Oxygen Isotope Values in Tree-Ring Cellulose." Justin Dodd.
Award: $12,000.00.

This project will use oxygen isotope ratios preserved in the wood of the Prosopis tamarugo trees to reconstruct variations in water source over the past 10,000 years.

American Chemical Society for "Silicon Isotopes in Biogenic Silica as a Novel Approach for Exploring Carbon Cycle Dynamics Throughout the Cenozoic." Justin Dodd.
Award: $100,000.00.
June 1, 2014 - August 31, 2016. (Organized Research) Basic Research.

This project focuses on development of silicon isotope values in biogenic silica as a chemostratigraphic tool for characterizing global biogeochemical cycles.

ILLINOIS INTERACTIVE REPORT CARD

University of Illinois at Urbana-Champaign for "Grant Management Program 01." Harvey Smith.
Award: $198,437.00. (Cumulative $585,034.00).

The purpose of this project is to convene a working group to review and evaluate web-based instructional and learning applications for integration into the Illinois Shared Learning Environment through the Illini Cloud.

Award: $1,465,819.00. (Cumulative $2,660,818.00).

Funds will be used to provide maintenance, upgrades, and other technical support for the Interactive Illinois Report Card web site.

INDUSTRIAL ENGINEERING

3M Corporation for "Improving Warehouse Operations at 3M Distribution Center."
Purushothaman Damodaran/Omar A. Ghrayeb.
Award: $44,299.00. (Cumulative $190,392.00).

Funds will be used to assist 3M in improving the operations at the new 3M distribution center in DeKalb.

INTERNATIONAL PROGRAMS OFFICE

ELS Educational Services, Inc. for "Impact of ELS Education on Success in Undergraduate and Graduate School Development of the Design for a Long Term Validation Study." Dan House. Award: $10,000.00.

The purpose of the project is to assemble data from NIU as an ELS host institution, which will then be analyzed across academic disciplines and student demographics by ELS.

KINESIOLOGY AND PHYSICAL EDUCATION

Fusion Sports Center for "Northern Illinois University Fusion Sport Center Graduate Assistantship." Rodney L. Caughron. Award: $25,500.00.

The purpose of this project is to provide a graduate student with a valuable experiential learning opportunity at Fusion Sports Center. The student will be involved with building supervision, event management, and sponsorship and advertising sales.

MECHANICAL ENGINEERING

Fermi National Accelerator Laboratory for "Design Evaluation and Quality Control Testing of g-2 Tracker." Nicholas Pohlman/Michael Eads. Award: $81,075.00.

The purpose of this project is to develop the methodology of creating high quality sensors, testing them individually for leaks, and conducting failure tests when warranted.

NORTHERN PUBLIC RADIO


Funds are being used to provide information services to the visually impaired.
OFFICE OF EDUCATION SYSTEM INNOVATION


This project provides facilitation and support of Data and Outcomes management, Licensing and QRIS Integration policy.

PHYSICS


Funds are being used, per the NIU-Fermilab Memorandum of Understanding executed in December 2005, to support one-half of the PI's 9-month academic salary as a joint faculty appointee of the Department of Physics and Fermi National Accelerator Laboratory.


Funds are being used to enhance our understanding of space charge while providing considerable additional detailed data by which to validate simulation codes and pave the way to phase space manipulations such as needed to improve the beam brightness.


The purpose of this project is to develop and test software for real time data compression and fast processing of images using a computer cluster.


The project will involve beam tests of muon cooling cell technology.
Award: $43,375.00. (Cumulative $125,644.00).  

Funds will be used to study the effects of chemical substitutions and external pressures on the superconducting and structural properties of diverse pnictide families.

Argonne National Laboratory for "Phase 1 Upgrade of the Calorimeter-Based Level 1 Triggering System at ATLAS (L1calo)." Dhiman Chakraborty.  
Award: $14,109.00.  

Funds will be used to work on the Phase 1 upgrade of the calorimeter-based Level 1 triggering system at ATLAS (L1calo) in close collaboration with scientists at ANL and at Michigan State University.

Fermi National Accelerator Laboratory for "Joint Appointment NIU/FNAL." Young-Min Shin.  
Award: $49,170.00. (Cumulative $170,086.00).  
October 1, 2013 - June 15, 2014. (Other Sponsored Activities) IPA or Joint Appointment.  

Funds are being used, per the Memorandum of Understanding between NIU and FNAL, to support one-half of the PI's 9-month academic salary as a joint faculty appointee of the Department of Physics and the Fermi National Accelerator Laboratory.

POLITICAL SCIENCE

Charles G. Koch Charitable Foundation for "Exploring Justice and Democracy in America Fellowships." S. Adam Seagrave/Andrea Radasanu.  
Award: $4,000.00.  

The purpose of this project is to support a pilot undergraduate fellowship program associated with a new emphasis within the Political Science major entitled "Exploring Justice and Democracy in America."

PSYCHOLOGY

Learning Partnership for "An Examination of the Qualities of Interactive Science Learning Environments that Promote Optimal Motivation." Amanda M. Durik.  
Award: $54,706.00. (Cumulative $148,384.00).  

Funds will be used to (1) conduct pilot studies to evaluate optimal measurement of motivational variables and help collect data off-site, (2) manage datasets and conduct data analyses, and (3)
develop research reports.

Award: $26,716.00. (Cumulative $184,029.00).  

Funds will be used to carry out experiments on the comprehension of multiple documents among college freshmen, and possibly at primary and secondary schools in the northern Illinois region.

Award: $27,796.00. (Cumulative $49,327.00).  
June 1, 2013 - May 15, 2014. (Instructional Programs) Instructional Programs.

The goal of the project is to support a psychology graduate student externship placement with St. Charles schools.

PUBLIC ADMINISTRATION

Award: $16,896.00.  

The purpose of this project is to provide valuable training to an NIU graduate student who will assist Village of Downers Grove administrators in carrying out a variety of projects related to municipal management.

RESEARCH, EVALUATION AND POLICY STUDIES

School District # 33, West Chicago for "Evaluation of 21st Century Community Learning Centers Program at West Chicago #33." Brent E. Wholeben/Ximena D. Burgin.  
Award: $45,000.00. (Cumulative $135,000.00).  

Funds will be used to evaluate the school district's implementation of academic and enrichment opportunities for children in grades pre-k through 12 to meet State and local student academic achievement standards in core academic subjects.

West Chicago School District #33 for "21st Century Community Learning Centers Grant Evaluation Plan." Brent E. Wholeben.  
Award: $8,355.00. (Cumulative $45,065.00).  

Funds will be used to conduct an evaluation plan for a 21st Century Community Learning Center grant program.
SOCIOLOGY

Illinois Institute of Technology for "ADHERENCE AND EMPOWERMENT: Service Participation and Meaningful Outcomes." Fred E. Markowitz.
Award: $16,170.00. (Cumulative $55,528.00).

Funds will be used to collaborate in conducting research projects on stigma, treatment adherence, and recovery, including instrumentation, supervision and training of interviewers, conducting interviews, data analysis, and dissemination of findings.

SPECIAL AND EARLY EDUCATION

Salus University for "Fellowship Support for Sean Tikkun." Gaylen G. Kapperman.
Award: $32,324.00. (Cumulative $103,448.00).

Funds will be used to provide a fellowship to graduate student Sean Tikkun.