

NORTHERN ILLINOIS UNIVERSITY
OFFICE OF SPONSORED PROJECTS

SUMMARY OF GRANT/CONTRACT AWARDS – FISCAL YEAR 2011

July 1, 2010 – September 30, 2010

	<u>THIS REPORT</u>	<u>FY 2011 CUMULATIVE</u>
<u>DOLLARS AWARDED BY SOURCE</u>		
Federal Government	69,410,487	69,410,487
State of Illinois	4,827,996	4,827,996
Corporate	70,710	70,710
Public/Not for Profit	448,305	448,305
Foreign	0	0
 Total	 74,757,498	 74,757,498
<u>DOLLARS AWARDED BY PURPOSE</u>		
Instruction	2,645,001	2,645,001
Research	15,536,400	15,536,400
Public Service	55,550,847	55,550,847
Other	436,151	436,151
Academic Support	589,099	589,099
Student Services	0	0
 Total	 74,757,498	 74,757,498
<u>DOLLARS AWARDED BY COLLEGE</u>		
College of Business	0	0
College of Education	3,730,041	3,730,041
College of Engineering and Engineering Technology	3,227,847	3,227,847
College of Health and Human Sciences	98,790	98,790
College of Law	0	0
College of Liberal Arts and Sciences	8,268,997	8,268,997
College of Visual and Performing Arts	0	0
Other Academic Units	386,947	386,947
Other University Units	59,044,876	59,044,876
 Total	 74,757,498	 74,757,498

ADMINISTRATION AND UNIVERSITY OUTREACH

Illinois State Board of Education for “Comprehensive Statewide Evaluation of 21st Century Community Learning Centers Program.” Harvey Smith.

Award: \$165,000.00 (Cumulative Award: \$914,785.00).

January 16, 2006 – August 31, 2011. Public Service.

Funds continue being used to conduct a comprehensive external evaluation of the 21st Century Community Learning Centers (CCLC) programs for the State of Illinois, with the goal of improving a participation and student academic achievement in these programs.

ALLIED HEALTH AND COMMUNICATIVE DISORDERS

U.S. Department of Education for “Certificate Program in Rehabilitation of Persons Who Are Deaf-Blind.” Sue Ouellette.

Award: 98,496.00 (Cumulative Award: \$295,941.00).

July 1, 2008 – June 30, 2013. Instructional.

Funds continue being used to support a certificate training program for rehabilitation professionals who work with persons who are deaf and blind.

ANTHROPOLOGY

Fresno Chaffee Zoo Wildlife Conservation Fund for “The Foraging Strategies of Goeldi’s Monkeys and Saddleback Tamarins.” Leila Porter.

Award: 1,800.00.

August 4, 2010 – August 3, 2011. Research.

Funds are being used to compare spatial memory and foraging strategies of the Goeldi’s monkey (*Callimico goeldii*) and the saddleback tamarin (*Saguinus fuscicollis*) in Bolivia to determine what spatial, temporal, and quantitative information the monkeys use to locate, select, and monitor food resources.

ANTHROPOLOGY/INTERNATIONAL TRAINING OFFICE

U.S. Department of State for “Philippine Youth Leader Program 2011.” Susan Russell/Lina Ong.

Award: \$275,000.00.

July 23, 2010 – February 29, 2012. Public Service.

Funds are being used to conduct the Philippine Youth Leadership Program for FY2011.

BIOLOGICAL SCIENCES

U.S. Department of Agriculture for “Identification of Regulatory Genes in *A. Flavus* and *A. Nidulans* that are involved in Mycotoxin Production, Morphogenesis, and Virulence.” Ana Calvo.

Award: \$15,000.00 (Cumulative Award: \$41,000.00).

June 1, 2009 – May 31, 2012. Research.

Funds are being used to further the understanding of the signaling pathways involved in the production of mycotoxins, and fungi development and the role of VeA in fungal virulence.

U.S. Fish and Wildlife Service/U.S. Department of the Interior for “Assessing Management Needs to Enhance the Recovery for the Eastern Massasauga.” Richard King.

Award: \$106,036.00.

September 24, 2010 – September 30, 2011. Research.

Funds are being used to address gaps in the data available to create a species survival plan for the eastern Massasauga rattlesnake.

Illinois State Board of Education for “Mastering Biology Teaching with Content, Pedagogy, and Technology.” Jon Miller.

Award: \$217,290.00.

September 1, 2010 – August 31, 2011. Instructional.

Funds are being used to establish a Master’s program for teachers to pursue certification in science areas.

CAREER SERVICES

Alexian Brothers – St. Alexius Medical Center for “Internship – Illinois Cooperative Work Study Program: FY 2010.” Cindy Henderson.

Award: \$14,148.00.

January 26, 2010 – June 30, 2011. Other.

Funds are being used to provide valuable career-related work experiences for NIU students. The students will be offered professional, hands-on experience.

CENTER FOR SOUTHEAST ASIAN STUDIES

U.S. Department of Education for “FY2010 Title VI National Resource Centers and Foreign Language and Area Studies Fellowships Program.” James Collins.

Award: \$613,786.00.

August 15, 2010 – August 14, 2014. Instructional.

Funds are being used to support the Center for Southeast Asian Studies.

U.S. Department of State for “Southeast Asian Leadership Program.” James Collins.
Award: \$280,000.00.
August 16, 2010 – October 31, 2011. Public Service.

Funds are being used to host secondary school students and adult educators/youth organization leaders from Southeast Asia at NIU in 2 separate 28 day exchanges designed to build leadership skills.

CENTER FOR THE STUDY OF FAMILY VIOLENCE AND SEXUAL ASSAULT

Battelle for “Naval Health Research Center Survey of Recruits’ Behavior.” Joel Milner.
Award: \$220,800.00.
June 2, 2010 – May 27, 2012. Research.

Funds are being used to continue data analysis, manuscript preparation and submission, and reporting using the Recruits’ Survey Database.

Kansas State University for “KSU/Air Force Family Advocacy Research Analysis and Support Project (FASOR) Phase VII.” Joel Milner/Mandy Rabenhorst.
Award: \$100,000.00 (Cumulative Award: \$422,501.00).
September 15, 2007 – August 31, 2011. Research.

Funds continue being used to assist the Air Force Family Advocacy Program (FAP) staff to more effectively use their Family Advocacy System of Records (FASOR) database as a tool for accurately assessing family maltreatment within the Air Force and implementing timely and appropriate prevention and treatment processes.

CENTER ON CHILD WELFARE AND EDUCATION/COLLEGE OF EDUCATION

Illinois Department of Children and Family Services for “FY11 Northern Region Permanency Enhancement Project.” Angela Baron-Jeffrey/Lemuel Watson.
Award: \$119,303.00.
July 1, 2010 – June 30, 2011. Public Service.

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.

Illinois Department of Children and Family Services for “FY11 Educational Access Project.” Angela Baron-Jeffrey/Lemuel Watson.
Award: \$2,193,457.00.
July 1, 2010 – June 30, 2011. Public Service.

Funds are being used 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.

CHEMISTRY AND BIOCHEMISTRY

National Eye Institute/NIH/DHHS for “Quantization of Ocular Oxygen Using a Modified Fluorotron.” James Dillon/Jon Carnahan.

Award: \$350,455.00.

September 30, 2010 – September 29, 2013. Research.

Funds are being used to study oxygen levels in different positions and structures within the eye, under both normal and disease conditions, in order to improve knowledge of oxygen diffusion throughout the eye and its possible role in the etiology of disease.

Emerald Biostructures for “Design and Synthesis of Small Molecule Inhibitors for the *lsp* Targets in the Non-Mevalonate Isoprenoid Biosynthetic Pathway.” Timothy Hagen.

Award: \$30,000.00.

September 1, 2010 – August 31, 2011. Research.

Funds are being used to develop novel small molecule inhibitors for *lsp* targets, in the non-mevalonate isoprenoid (MEP) biosynthetic pathway.

University of Illinois at Chicago for “X-Ray Scattering Studies of Interfaces Between Two Immiscible Electrolyte Solutions.” Petr Vanysek.

Award: \$35,000.00 (Cumulative Award: \$70,000.00).

July 15, 2009 – June 30, 2011. Research.

Funds continue being used to study the interface between two immiscible solutions through the use of interfacial tension and x-ray scattering techniques at NIU and at the Advanced Photon Source at Argonne National Laboratory.

COLLEGE OF LIBERAL ARTS AND SCIENCES/CENTER FOR GOVERNMENTAL STUDIES

Illinois Department of Public Health for “2010 & 2012 Suburban Cook County Behavioral Risk Factor Survey.” Cynthia Nelson/Sherrie Taylor.

Award: \$372,900.00.

September 17, 2010 – February 28, 2013. Public Service.

Funds are being used to provide information on selected health indicators for the adult household population of Suburban Cook and sub-populations of interest.

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

U.S. Department of Defense (Rock Island Arsenal) for “Manufacturing and Engineering Advisory and Assistance Services.” Joseph Santner/Alan Swiglo/Richard Ned Johnson.

Award: \$90,000.00.

June 29, 2010 – June 27, 2011. Research.

Funds are being used to provide manufacturing and engineering advisory and assistance services for casting production, machining, heat treatment, metallurgy, welding, quality and process development to the Rock Island Arsenal/Joint Manufacturing Technology Center (RIA/JMTC).

Illinois State Board of Education for “Integrated Technology and Engineering to Advance Math and Science (ITEAMS).” Mansour Tahernezehadi/Promod Vohra.

Award: \$250,000.00.

September 1, 2010 – August 31, 2011. Instructional.

Funds are being used to continue a Master’s program in engineering and technology targeted for certified teachers of middle and secondary schools.

Illinois State Board of Education for “Emerging Technologies Institute: Preparing Teachers and Students for the Future.” Mansour Tahernezehadi/Promod Vohra.

Award: \$165,950.00.

May 1, 2010 – September 30, 2010. Instructional.

Funds are being used to conduct an emerging technologies summer workshop for teachers in the West Aurora, Rockford, Harlem, and Rich Township School Districts.

U.S. Department of the Army for “Illinois Center for Defense Manufacturing.” Promod Vohra/Richard Ned Johnson.

Award: \$1,480,558.00 (Cumulative Award: \$3,282,898.00).

October 1, 2009 – March 1, 2012. Research.

Funds continue being used to create an Illinois Center for Defense Manufacturing, with special emphasis on developing manufacturing processes for fluidics applications and on improving laser-based manufacturing processes for welding, repair or additive applications.

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY/TECHNOLOGY

U.S. Department of Energy for “Northern Illinois University Transportation Energy.” Promod Vohra/Cliff Mirman.

Award: \$1,000,000.00.

August 31, 2010 – August 30, 2011. Research.

Funds are being used to conduct research in two different areas: the composition and development of small scale bio-fuel production facilities (including a study of nanofluid additives) to satisfy the needs of individuals who live in rural communities or in areas that are not located near agricultural facilities, and consumption issues, including the interaction of bio-fuels with engine materials, power production, and associated exhaust gasses/particulates. As part of this project, new educational initiatives will be developed for educational avenues in the energy development and conservation areas. On-line learning modules in energy and conservation will be created for undergraduate and graduate education.

COMPUTER SCIENCE

National Human Genome Research Institute/NIH/DHHS for “Detect Small and Very Small In-Space Inversions and Improve Alignment Quality.” Minmei Hou.

Award: \$316,455.00.

August 13, 2010 – July 31, 2013. Research.

Funds are being used to characterize small micro-inversions in the human genome by comparing it to genomes of other model organisms, as a means of significantly improving the accuracy of genomic alignment, a requirement for doing comparative genomics.

COMPUTER SCIENCE/CENTER FOR SOUTHEAST ASIAN STUDIES

U.S. Department of Education for “SEAsite: Web Site Infrastructure Improvements for the Next Decade.” George Henry/Robert Zerwekh.

Award: \$105,000.00 (Cumulative Award: \$298,000.00).

August 16, 2008 – August 15, 2011. Public Service.

Funds continue being used to standardize and modernize the content of SEAsite, a major web-based language and culture instructional resource.

COUNSELING, ADULT AND HIGHER EDUCATION

Kenneth Young Center for “Project Educare.” Debra Pender.

Award: \$25,000.00.

July 1, 2010 – June 30, 2011. Public Service.

Funds are being used to maintain and further develop a child and adolescent specific, evidence based practice web-based learning collaborative to disseminate up-to-date empirical findings and to provide continuing education for providers working within the Illinois Department of Mental Health and Adolescent division system and its supported agencies.

DIVISION OF RESEARCH AND GRADUATE STUDIES

XL Academics for “Enhancing the XL Academic Website.” Bradley Bond.

Award: \$1,200.00.

September 1, 2010 – October 15, 2010. Academic Support.

Funds were used to support a graduate student to update and enhance XLA’s website.

Illinois Board of Higher Education for “2010-2011 DFI Fellowships.” Lisa Freeman.

Award: \$181,600.00.

July 1, 2010 – June 30, 2011. Academic Support.

Funds are being used to support continued diversification of faculty at NIU.

ELECTRICAL ENGINEERING

Argonne National Laboratory for “Fabrication of Photodiode and Analysis.” Michael Haji-Sheikh.

Award: \$6,250.00 (Cumulative Award: \$15,330.00).

June 1, 2010 – May 31, 2011. Research.

Supplemental funds are being used to replace deionized water equipment in order to fabricate photodiodes based on an existing mask set in order to explore thin oxide coatings for low x-ray energy detection.

FAMILY, CONSUMER AND NUTRITION SCIENCES

DeKalb County Community Foundation for “Installation of a New Sink for the Child Development Lab.” Emily Anne Reilly.

Award: \$294.00.

August 1, 2010 – July 31, 2011. Public Service.

Funds are being used by the Child Development Laboratory of Northern Illinois University to support the installation of a sink in one of the program’s mixed-age classrooms of infants, toddlers, and two-year-olds.

GEOGRAPHY

DeKalb County Economic Development Corporation for “DCEDC Internship.” Andrew Krmeneč.

Award: \$7,934.00.

August 16, 2010 – August 15, 2011. Other.

Funds are being used to provide the sponsor with the services of one graduate student in economic development.

National Science Foundation for “Operation CRETE: Fostering Collaborations, Expanding Research Horizons, and Establishing and Transforming Networks for Early-Career Biographers.” Lesley Rigg.

Award: \$15,000.00.

September 1, 2010 – February 29, 2012. Research.

Funds are being used to promote participation in the 5th International Biography Society conference in Crete, Greece, by early career faculty and graduate students in the Biogeography specialty group of the American Association of Geography.

Illinois Department of Transportation for “IDOT Bicycle Maps Project.” Leonard Walther.

Award: \$300,000.00.

July 1, 2010 – June 30, 2013. Public Service.

Funds are being used to revise, update and reprint bicycle maps for IDOT district offices.

Argonne National Laboratory for “Geospatial Infrastructure Technical Support.” Philip Young.

Award: \$299,657.00 (Cumulative Award: \$496,807.00).

January 4, 2010 – December 23, 2010. Research.

Supplemental funds are being used to provide geospatial expertise to Argonne’s Infrastructure Assurance Center (IAC).

GEOLOGY AND ENVIRONMENTAL GEOSCIENCES

National Park Service/U.S. Department of the Interior for “Surficial Geology and Physical Habitat Map of the West Arm of Glacier Bay.” Ross Powell.

Award: \$19,688.00.

September 1, 2010 – December 31, 2011. Research.

Funds are being used to produce a surficial geology and physical habitat map of the west arm of Glacier Bay in an online USGS Scientific Investigations Map complete with a downloadable GIS of the data and interpretations.

ILLINOIS COUNCIL ON ECONOMIC EDUCATION

Econ Illinois for “Illinois Council Operation Grant.” Joanne Dempsey.

Award: \$16,300.00.

July 1, 2010 – June 30, 2011. Academic Support.

Funds are being used to carry out administrative functions for Econ Illinois.

INDUSTRIAL AND SYSTEMS ENGINEERING

Suncast Corporation for “Product Quality Testing.” Omar Ghrayeb.

Award: \$32,212.00.

June 16, 2010 – June 15, 2011. Research.

Funds are being used to assist the sponsor in designing and performing quality and competitive product testing.

LITERACY EDUCATION

U.S. Department of Education for “Project SUCCESS” Richard Orem.

Award: \$300,000.00 (Cumulative Award: \$1,200,000.00).

July 1, 2007 – June 30, 2012. Instructional.

Funds continue being used to increase the number and quality of teachers who serve English Language Learners in Northern Illinois.

MATERIALS MANAGEMENT

Illinois Department of Commerce and Economic Opportunity for “ARRA Thermal Efficiency Program.” Kenneth Pugh.

Award: \$414,069.00.

February 1, 2010 – January 31, 2012. Other.

Funds are being used to replace the current leaky steam traps with more efficient traps and install an economizer on boiler #3 in the west heating plant at Northern Illinois University.

MATHEMATICAL SCIENCES

Illinois Board of Education for “Excellence in the Middle: Enhancing Mathematics Pedagogy with Connections in Science and Engineering.” Helen Khoury/Mary Shafer.

Award: \$250,000.00.

September 1, 2010 – August 31, 2011. Instructional.

Funds are being used to continue a middle and secondary school mathematics master degree program with focused science connections.

MECHANICAL ENGINEERING

Illinois Department of Agriculture for “Transport and Processing of Biomass Stock Materials.”

Nicholas Pohlman.

Award: \$14,300.00.

June 30, 2010 – June 30, 2011. Research.

Funds are being used to explore the transport dynamics of granular commodities used as fuels in biomass energy generation and to develop transport mechanisms that utilize the long aspect ratio and low material density of such materials to achieve a more efficient transport without requiring the intervening processing tools.

National Science Foundation for “Planning Visit for Collaborative Efforts in Research and Education in Advanced Manufacturing Between Northern Illinois University and the CSIR in South Africa.” Federico Sciammarella.

Award: \$16,104.00.

August 1, 2010 – July 31, 2011. Public Service.

Funds are being used to hold a workshop on advanced manufacturing at the Council of Scientific and Industrial Research in South Africa.

GS Bang & Associates for “Tandem Bike Accessory.” Shin-Min Song.

Award: \$1,500.00 (Cumulative Award: \$6,500.00).

August 16, 2009 – December 31, 2010. Research.

Supplemental funds are being used to design and build a prototype accessory which connects two regular bicycles to create a tandem unit.

MOTORCYCLE SAFETY

University of Illinois at Urbana-Champaign for “Motorcycle Safety Program.” Robert Ritter.

Award: \$9,166.00.

June 1, 2010 – November 30, 2010. Public Service.

Funds were used to support the motorcycle rider education program in Illinois.

NORTHERN PUBLIC RADIO

City of DeKalb for “FY11 CDBG.” Tim Emmons.

Award: \$2,500.00.

April 1, 2010 – March 31, 2011. Public Service.

Funds are being used to provide broadcast services including reading of newspapers, magazines, books, and other current print information to persons who are blind or otherwise print-impaired.

PHYSICS

Argonne National Laboratory for “ATLAS LHC Project.” Gerald Blazey.

Award: \$52,692.00.

August 1, 2010 – July 31, 2011. Research.

Funds are being used to support the coordination of analysis activities at Argonne’s ATLAS Support Center.

California State University, Fresno for “MRI-R2 Consortium: Development of the U.S. ATLAS Physics Analysis Instrument for the Analysis of Data from the ATLAS Experiment at the Large Hadron Collider.” Dhiman Chakraborty.

Award: \$122,760.00.

March 1, 2010 – February 29, 2012. Research.

Funds are being used to develop an instrument that will create opportunities for faculty and students to participate and make transformative discoveries in experimental particle physics using data from the ATLAS experiment.

Argonne National Laboratory for “ATLAS Project.” Dhiman Chakraborty.

Award: \$20,084.00.

July 12, 2010 – June 15, 2011. Research.

Funds are being used to investigate charge asymmetry in final states stemming from QCD processes in proton-proton collisions.

Argonne National Laboratory for “ATLAS Project.” Dhiman Chakraborty.

Award: \$67,865.00 (Cumulative Award: \$130,865.00).

September 1, 2009 – August 31, 2011. Research.

Supplemental funds are being used to support Dr. Lima’s core simulation support to the ATLAS collaboration.

Columbia University for “U.S. ATLAS Operations: Empowering U.S. Universities for Discoveries at the Energy Frontier.” Dhiman Chakraborty.

Award: \$25,000.00 (Cumulative Award: \$76,000.00).

October 1, 2009 – January 31, 2011. Research.

Funds continue being used to support NIU’s participation in the ATLAS Project through the simulation of a particle detector response.

Argonne National Laboratory for “Joint Appointment for Bela Erdelyi.” Bela Erdelyi.

Award: \$83,649.00.

July 16, 2010 – July 15, 2011. Research.

Funds are being used to support the appointment of an NIU faculty member to conduct research and development activities under the direction and guidance of Argonne National Laboratory.

Argonne National Laboratory for “Laboratory-Graduate Research Appointment.” Bela Erdelyi.
Award: \$39,800.00.
August 15, 2010 – August 14, 2011. Research.

Funds are being used to support a graduate student’s thesis research at Argonne National Laboratory.

National Science Foundation for “Collaborative Research: Synchrotron X-Ray Scattering Experiments on Solid Helium.” Laurence Lurio.
Award: \$49,083.00 (Cumulative Award: \$140,503.00).
September 15, 2008 – August 31, 2011. Research.

Funds continue being used, in collaboration with the University of Delaware, Penn State, and Western Michigan, to investigate, through a variety of different experimental means, a supersolid state in helium that may have been recently discovered.

Fermi National Accelerator Laboratory for “Joint Appointment NIU/FNAL.” Philippe Piot.
Award: \$39,317.00 (Cumulative Award: \$78,634.00).
August 16, 2009 – May 15, 2011. Research.

Funds continue 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.

U.S. Department of Energy for “Nonlinear Dynamics and Phase Space Manipulations of High-Brightness Electron Beams: Theories, Simulations, and Experiments.” Philippe Piot/Bela Erdelyi.
Award: \$50,000.00 (Cumulative Award: \$346,000.00).
February 1, 2008 – January 31, 2011. Research.

Funds continue being used to (1) enhance our understanding of space charge while providing considerable additional detailed data by which to validate simulation codes and (2) pave the way to phase space manipulations such as needed to improve the beam brightness.

Argonne National Laboratory for “Joint Appointment for Zhili Xiao” Zhili Xiao.
Award: \$101,661.00.
August 16, 2010 – August 15, 2011. Zhili Xiao.

Funds are being used to support the appointment of an NIU faculty member to conduct research and development activities under the direction and guidance of Argonne National Laboratory.

U.S. Department of Energy for “Synthesis and Properties of Nanostructured Exotic Superconductors.” Zhili Xiao.
Award: \$162,000.00 (Cumulative Award: \$324,000.00).
August 15, 2006 – August 14, 2011. Research.

Funds continue being used to synthesize and characterize robust superconducting nanostructures, with particular emphasis on nanowires in two exotic superconducting systems.

National Science Foundation for “Collaborative Research: University Program of Detector Research for the ILD Detector Concept at the ILC.” Vishnu Zutshi/David Hedin.

Award: \$52,500.00 (Cumulative Award: \$97,500.00).

September 15, 2009 – August 31, 2011. Research.

Funds continue being used for research and development on detectors for the International Linear Collider.

PHYSICS/INSTITUTE FOR NANOSCIENCE,ENGINEERING AND TECHNOLOGY

U.S. Department of Energy for “Unique Methodologies for Nano/Micro Manufacturing Job Training via Desktop Supercomputer Modeling and Simulation.” Clyde Kimball.

Award: \$486,000.00.

September 15, 2010 – September 14, 2011. Research.

Funds are being used to establish a high-speed/large memory desktop supercomputing cluster for simulation and modeling of dynamic processes important for energy and industrial applications, and to serve as a training ground for student employment in an emerging field.

PSYCHOLOGY

University of Illinois at Chicago for “Reading for Understanding Across Grades 6 Through 12: Evidence-Based Argumentation for Disciplinary Learning.” Anne Britt/Joseph Magliano.

Award: \$478,305.00.

July 1, 2010 – June 30, 2011. Research.

Funds are being used to conduct several large scale studies, carried out in school environments, as part of the larger overall project.

Illinois Department of Children and Family Services for “Integrated Assessment Program.” Greg Waas.

Award: \$2,135,499.00.

July 1, 2010 – June 30, 2011. Public Service.

Funds are being used to provide clinical screening and assessment services to children and adults served by IDCFS in Fiscal Year ‘11.

Illinois Department of Children and Family Services for “Integrated Assessment Program.” Greg Waas.

Award: \$143,433.00 (Cumulative Award: \$8,558,758.00).

July 1, 2004 – June 30, 2010. Public Service.

Funds continue being used to provide clinical screening and assessment services to children and adults served by IDCFS in Fiscal Year ‘10.

School District #432, Somonauk for “Psychology Externship with Somonauk School District.”
Greg Waas/Michelle Demaray/Christine Malecki.
Award: \$16,725.00.
August 16, 2010 – May 15, 2011. Instructional.

Funds are being used to support a school psychology extern and two faculty supervisors to conduct an externship with Somonauk School District.

Genoa-Kingston Community Unit School District #424 for “Psychology Externship with Genoa-Kingston Community Unit School District” Greg Waas/Michelle Demaray/Christine Malecki.
Award: \$16,725.00.
August 16, 2010 – May 15, 2011. Instructional.

Funds are being used to support a school psychology externship with the Genoa-Kingston Community Unit School District, including two faculty supervisors.

Indian Creek C.U.S.D. #425 for “Graduate Psychology Externship at Indian Creek School District.” Greg Waas/Michelle Demaray/Christine Malecki.
Award: \$16,725.00.
August 16, 2010 – May 15, 2011. Instructional.

Funds are being used to support a psychology graduate externship at Indian Creek School District.

United Cerebral Palsy of Will County, Inc. for “Psychology Graduate Externship at United Cerebral Palsy of Will County.” Greg Waas/Holly Orcutt.
Award: \$8,890.00.
August 16, 2010 – June 30, 2011. Instructional.

Funds are being used to support a psychology graduate externship at United Cerebral Palsy of Will County.

Safe Passage, Inc. for “Graduate Externship at Safe Passage.” Greg Waas/Alan Rosenbaum.
Award: \$30,450.00.
July 1, 2010 – June 30, 2011. Instructional.

Funds are being used to support a psychology graduate student clinical externship at Safe Passage.

PUBLIC OPINION LABORATORY

Center for Policy Research for “Centering Pregnancy Project.” Linda Novotny.
Award: \$11,997.00 (Cumulative Award: \$45,570.00).
August 31, 2009 – June 30, 2011. Public Service.

Funds continue being used to conduct telephone interviews for the Center for Policy Research’s Centering Pregnancy Project.

University of Illinois at Urbana-Champaign for “External Review of the ISBE Large Scale Assessment and Accountability System.” Lorayn Olson/Wayne Wilkinson.

Award: \$31,238.00 (Cumulative Award: \$85,240.00).

December 2, 2008 – June 30, 2011. Public Service.

Funds continue being used to conduct a math and science assessment survey of fourth and fifth grade teachers in 2,000 schools.

Quincy Newspapers, Inc. for “Rockford Local TV News Focus Groups.” Mindy Schneiderman.

Award: \$5,798.00.

June 16, 2010 – July 30 2010. Public Service.

Funds are being used to conduct focus groups regarding Rockford local television news shows.

DuPage County Health Department for “Behavior Risk Factor Survey – DuPage County.”

Mindy Schneiderman.

Award: \$75,000.00.

August 16, 2010 – January 28, 2011. Public Service.

Funds are being used to conduct an adult Behavioral Risk Factor Survey of DuPage County residents.

Forest Park Public Library for “Forest Park Public Library Survey.” Mindy Schneiderman.

Award: \$14,000.00.

July 20, 2010 – December 17, 2010. Public Service.

Funds are being used to conduct a telephone survey for the Forest Park Public Library.

REGIONAL DEVELOPMENT INSTITUTE

Illinois Department of Transportation for “Northwest Regional Occupant Protection Coordinator.” Lisa Bergeron.

Award: \$2,000.00 (Cumulative Award: \$133,707.00).

October 1, 2009 – September 30, 2010. Public Service.

Supplemental funds were used to support projects aimed at increasing safety belt use among teens, minorities and rural populations.

Illinois Manufacturing Extension Center for “Regional Host Organization for Illinois Manufacturing Extension Center.” John Lewis.

Award: \$2,201,815.00.

October 1, 2010 – September 30, 2011. Public Service.

Funds are being used to perform services directed toward increasing the productivity and global competitive advantage of regionally-based manufacturing and technology-related firms.

U.S. Department of Health and Human Services for “Illinois Health Information Technology Exchange Program Collaborative.” John Lewis/Roger Holloway.
Award: \$720,000.00 (Cumulative Award: \$8,266,000.00).
February 8, 2010 – February 7, 2014. Public Service.

Supplemental funds are being used to provide technical support and education to providers throughout the state to implement health information technology processes.

National Telecommunications & Information Administration/Department of Commerce for “Illinois Broadband Opportunity Partnership Northwest Region.” John Lewis/Herb Kuryliw.
Award: \$46,114,026.00.
September 1, 2010 – August 31, 2013. Public Service.

Funds are being used to provide low-cost, high-speed broadband solutions through a consortium of partners in Rockford, LaSalle County, and the Blackhawk Hills region for not-for-profit organizations in the northwestern area of Illinois by connecting anchor institutions to existing fiber-optic networks.

REGIONAL DEVELOPMENT INSTITUTE/COMPUTER SCIENCE/PHYSICS/BIOLOGICAL SCIENCES

U.S. Department of the Army for “Particle Therapy Research and Treatment.” John Lewis/Gerald Blazey/Linda Yasui/George Coutrakon/Nicholas Karonis.
Award: \$9,400,000.00.
September 1, 2010 – September 30, 2012. Research.

Funds are being used to support the establishment of a state-of-the-art proton treatment system and research center.

RESEARCH, EVALUATION AND POLICY STUDIES

Missouri Foundation for Health for “Missouri Foundation for Health: Mental Health and Substance Abuse Evaluation.” Brent Wholeben/Ximena Burgin.
Award: \$192,317.00.
July 1, 2010 – June 30, 2011. Public Service.

Funds are being used to conduct an evaluation of two Foundation grant programs; one program focuses on mental health treatment for children and youth and the other on behavioral health services offered for older adults.

TEACHING AND LEARNING

Illinois Department of Healthcare and Family Services for “Transition Resource Center.” Sarah Johnston-Rodriguez.

Award: \$40,000.00.

June 25, 2010 – December 31, 2010. Public Service.

Funds are being used to establish a central clearinghouse and lending library for transition and employment related professional development and curriculum materials.

U.S. Department of Education for “Training Personnel to Provide Rehabilitation and Orientation and Mobility Services for Veterans Who are Visually Impaired.” Gaylen Kapperman.

Award: \$600,000.00.

July 1, 2010 – June 30, 2011. Instructional.

Funds are being used to offer a program to train graduate students to enter the fields of Rehabilitation Teaching and Orientation & Mobility.

U.S. Department of Education for “Preparation of Rehabilitation Teachers and Orientation & Mobility Specialists to Serve Adults with Visual Disabilities.” Gaylen Kapperman.

Award: \$59,964.00 (Cumulative Award: \$159,964.00).

July 1, 2009 – June 30, 2014. Instructional.

Funds continue being used to offer a 12 month program to train graduate students to enter the fields of Rehabilitation Teaching and Orientation & Mobility.

U.S. Department of Education for “Program for Training of Teachers and Orientation and Mobility instructors of Students with Visual Impairments, with On-campus and Summer-based Components with Additional Training in Assistive Technology.” Gaylen Kapperman.

Award: \$200,000 (Cumulative Award: \$400,000).

August 16, 2009 – August 15, 2013. Academic Support.

Funds continue being used to train graduate students to be teachers of students with visual impairments and to gain certification as orientation and mobility specialists.

TECHNOLOGY

Argonne National Laboratory for “Integrated Laboratory/Industry Research Program (ILIRP).” David Schroeder.

Award: \$98,178.00.

September 1, 2010 – August 31, 2011. Research.

Funds are being used to study the various interfacial regions within the lithium-metal based electrochemical cell.

Highland Community College for “The Development and Field Test of a Remote Laboratory and Web-Based Learning Modules for Wind Turbine Technician Training.” Xueshu Song.

Award: \$42,935.00.

July 1, 2010 – June 30 2013. Research.

Funds are being used to support collaboration between NIU and Highland Community College to develop and field test a remote laboratory to train wind turbine technicians.

U.S. Environmental Protection Agency for “Adding Glycerine to Eco-Friendly Golf Tees to Accelerate Biodegradability and Improve Fabrication.” Robert Tatara.

Award: \$9,860.00.

August 15, 2010 – August 14, 2011. Research.

Funds are being used to create a novel, environmentally friendly bio-based DDGS and glycerine filler for golf tees.

U.S. Department of Agriculture for “Developing Commercially Viable Industrial Products from Biofuels Byproducts.” Robert Tatara.

Award: \$20,000.00.

September 15, 2010 – September 14, 2012. Research.

Funds are being used to develop, process, evaluate, and simulate value-added processing operations for low-value biofuels byproducts.

UNIVERSITY LIBRARIES

U.S. Department of Education for “Building Capacity for the Digitization, Dissemination, and Preservation of Southeast Asian Resources.” Drew VandeCreek.

Award: \$189,999.00 (Cumulative Award: \$379,998.00).

October 1, 2009 – September 30, 2013. Academic Support.

Funds continue being used for the digitization, preservation, and dissemination of a variety of Southeast Asian data with the larger goals of promoting instruction in the Indonesian, Javanese, Malay, Thai, Lao, Khmer, and Vietnamese languages and area studies in Southeast Asia.