

THIRD VAUGHNIE LINDSAY RESEARCH PROFESSOR AND EIGHTH HOPPE RESEARCH PROFESSOR ANNOUNCED

The third recipient of the Vaughnie J. Lindsay Research Professor Award is Louise H. Flick, professor of Nursing, for her work on maternal child health epidemiology, especially adolescent pregnancy and prenatal exposure to psychiatric disorders and effects on fetal growth.

The eighth recipient of the Hoppe Research Professor Award, chosen in this seventh year of the award, is Michael J. Shaw, associate professor of Chemistry, for his work on investigations of the electron-transfer-induced physical and chemical properties of metal-alkyne complexes, working toward new antitumor agents.

The Vaughnie J. Lindsay Research Professor Award was created to honor Vaughnie J. Lindsay, who served as the dean of Graduate Studies and Research from 1973-1986 and who began the strong support of faculty research that continues today. The Award is funded by private donations from faculty and emeritus faculty and by the SIUE Graduate School; the SIUE schools of Business, Dental Medicine, Education, Engineering, and Nursing; and the SIUE College of Arts and Sciences.

The Hoppe Research Professor Award is partially made possible through an endowment established by the late Joseph W. Hoppe, who was originally

from Carlinville. He created this endowment with the SIUE Foundation because he believed in SIUE's mission, including the value of faculty research. The program is funded by the Hoppe Faculty Research Endowment; the SIUE Graduate School; the SIUE schools of Business, Dental Medicine, Education, Engineering, and Nursing; and the SIUE College of Arts and Sciences.



Louise Flick

Research Professor. These studies, drawn from long term collaboration with Cynthia Cook, PhD, and a research team spanning three universities, will contribute to knowledge development in Professor Flick's field, provide the base for several applications for external funding, and allow time to draw students into individual research projects. The five research studies are "prenatal



Michael Shaw

prevalence of psychiatric disorder," "psychiatric disorder in pregnancy and preterm birth and small-for-gestational-age births," "can diet modify the effect of prenatal stress on birth outcomes," "is first birth prior to age 19 associated with higher risk of psychiatric disorder," and "psychiatric disorders and patterns of tobacco use before, during, and after pregnancy."

Professor Flick said that the Lindsay Award is "a great opportunity." She explains that her research and teaching have always been intimately intertwined. "Involvement in the

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SHARE OF STUDENTS IN THE SCIENCES SHRINKS

Excerpted from the *Chronicle of Higher Education*, May 12, 2006

By Amy Rainey

Despite an increase in college enrollment over the past decade, the proportion of students obtaining degrees in science, technology, engineering, and mathematics has fallen, the Government Accountability Office (GAO) said in a statement presented as testimony before the U.S.

House of Representatives' education committee recently.

The GAO reported that 27 percent of students obtained degrees in those fields, which are known as the STEM disciplines, in the 2003-4 academic year, compared with 32 percent in 1994-95. The GAO also noted that the number of degrees obtained in engineering, the biological sciences, and certain technical fields had declined in the past decade. The number of

graduate degrees awarded in the STEM fields had also declined, according to GAO figures.

The GAO testimony, which is based on a larger report released last fall, suggested increased outreach at the kindergarten-through-12th-grade level, especially to female and minority students, and increased use of mentors to encourage enrollment in those fields.

HOPPE/LINDSAY AWARDEES CONTINUED

creative process of conducting research energizes classroom teaching both in teaching students about the research process but also in teaching undergraduate and graduate nursing students to question, to consider potential innovations in practice, and to rigorously evaluate evidence supporting specific practices. With the Lindsay award, I expect to draw undergraduate and graduate students into projects of their own based on secondary analysis of our data or through collecting their own data on questions related to my area of expertise.”

Professor Flick stated that she feels, “greatly honored to receive this award,” and that “the existence of this opportunity shows the commitment of the SIUE community to fostering the creative contributions of faculty.”

Professor Shaw’s research agenda will lead to new methods in organic synthesis that facilitate the construction of complicated molecules, such as new pharmaceuticals; new insight into how electronic information flows in molecules which may be used to further increase the computational power of the next generation of computing devices; and insight into the

potential anticancer properties of a class of molecules called cyclopropylalkynes. Over the two year of the Hoppe Research Professor award, Professor Shaw will examine two specific consequences of metal-alkyne bonding: modifications of the reactivity of a group directly attached to the alkyne, and mediation of the communication between groups attached to opposite sides of the alkyne. Professor Shaw will be working with graduate and undergraduate students throughout his research.

Professor Shaw said that his work may have application in anticancer research because its pathway should have parallels to the mode of action of calicheamicin and other naturally occurring antitumor agents. “The Hoppe Award will allow me to focus on my students and our research. I will make the most of this exciting opportunity.”

Both the Lindsay and the Hoppe Research Professor Awards are programs for faculty members of SIUE to recognize and support individual agendas of research or creative activities. These Awards recognize faculty members on continuing full-time appointments, whose research or creative activities have the prom-

ise of making significant contributions to their fields of study. Recipients are expected to produce published scholarly works and to submit externally-sponsored grants.

These Professorships are unlike other University awards. They are designed to support a significant portion of a faculty member’s larger research agenda. Professor Flick and Professor Shaw will be appointed for a two-year period, during which time they will each receive 50 percent assigned time for research each academic year, the services of a one-quarter time graduate assistant (for nine months per year), and \$1,000 in support lines.

Leah O’Brien, professor of the Department of Chemistry, is beginning the second year of her Vaughnie J. Lindsay Research Professorship for her work on spectroscopy of palladium and platinum catalyst mimetics. Edward Sewell, professor in the Department of Mathematics and Statistics, is beginning the second year of his Hoppe Research Professor Award for his work on operations research.

--By Lil Manning

IERC STUDIES THE IMPACT OF QUALITY TEACHERS IN ILLINOIS, EARLY CHILDHOOD TEACHERS IN ILLINOIS, AND MORE . . .

“Every school should be a place where high quality teachers want to teach.”

“Every teacher should be a person that a school wants to hire and retain, and a parent wants in their child’s classroom.”

“Human resources policies should place a priority on getting and keeping high quality teachers in the most needy schools.”

These statements sum up possible strategies to contribute to improving teacher quality in high poverty/high minority schools, as reported in “Examining the Distribution and Impact of Teacher Quality in Illinois.” This policy research report was recently released by the Illinois Education Research Council (IERC) at SIUE. The IERC was established in 2000 at SIUE to provide Illinois with independent education research to support P-16 education policy making and program development. Jennifer Presley is the director of the IERC. After earning her Ph.D. in Education Administration and Policy Analysis from Stanford University in 1981, she led education policy research and planning units in several state higher education agencies and universities before coming to SIUE in 2001.

The above-mentioned report is a con-



Jennifer Presley, IERC Director

tinuation of the IERC’s work on Illinois teacher quality that introduced the Teacher Quality Index (TQI) in “The Distribution of Teacher Quality in Illinois” in 2005. The TQI is a school-level indicator of teacher quality that describes a school’s concentration of certain teacher attributes that research suggests are associated with student performance. The TQI is based on data for all 140,000 teachers in 2002-2003 in Illinois’ public schools. The IERC research documented that in Illinois the “teacher-sorting process seems to be related consistently to school poverty,” but it is “dramatically apparent as well in schools that are more than 90% minority. TQI matters for school outcomes, and matters most for the most disadvantaged schools. High poverty and high minority schools are much more likely to have lower TQIs, no matter where they are located in the state.” The Joyce Foundation provided some funding for the report through a major grant to The Education Trust on the distribution of teacher quality in Illinois, Wisconsin, and Ohio. The reports are generating discussion about teacher quality nationally as well as in the state and in Chicago’s media and political arenas.

According to Director Presley, the IERC staff also just completed another major piece of work on the supply and demand for early childhood teachers in Illinois for which the IERC has also received national attention. This project, which culminated in two reports released in June 2006 -- “Pipelines and Pools: Meeting the Demand for Early Childhood Teachers in Illinois” and “The Illinois Early Childhood Teacher Reserve Pool Study” -- was funded by the National Institute for Early Education Research at Rutgers University with Pew Charitable Trust funds.

“Concern about finding qualified teachers was expressed as Preschool for All moved through the [Illinois] Legislature,” Director Presley said. “Our research shows that availability of qualified teachers should not impede implementation of universal preschool for all 3- and 4-year-olds in Illinois as long as salaries are competitive and the program is phased in.”

The “pipelines” refer to the number of qualified early education teachers coming out of college; the “pools” refers to the number of teachers who are already qualified to teach early childhood education in Illinois and who might be candidates to fill the growing number of teaching jobs.

The IERC staff is also undertaking a six-year longitudinal study of the Illinois Class of 2002. They have produced two reports so far entitled “The Demographics and Academics of College Readiness in Illinois” and “The Demographics and Academics of College Going in Illinois.” This study is helping Illinois policymakers and education administrators assess whether the state’s public high school graduates are ready to enter and succeed in college. Director Presley frequently presents findings to Illinois legislators and policy makers and at national and state meetings. The next report on college persistence of the Class of 2002 will be completed this fall.

These full reports and others are available at the IERC web site, ierc.siue.edu.

PERSISTENCE PAYS OFF: FUNDING SUCCESS IMPROVES DRAMATICALLY THE MORE OFTEN YOU APPLY

“If you don’t succeed the first time, try, try again,” as the old saying goes. *Federal Grants and Contracts Weekly* recently published statistics on the first time success rates of proposals submitted to various institutes within the National Institutes of Health (NIH). (See table below.) While these statistics may seem dismal at first sight, it is important to remember that chances of success increase to more than 50 percent when proposals are revised according to reviewers’ comments and resubmitted.

The NIH success rates listings remind us of a couple of important points that may help keep early frustration at bay: funding success varies widely not only by institute (and agency), but also by program and type of grant. Each time you reapply in response to reviewer comments

(and discussions with your program officer about these comments), your chances of success increase dramatically. Persistence really does pay off!

[The “success rate” indicates the percentage of reviewed research project grant applications that receive funding in a fiscal year. Success rates are highly dependent on the number of applications that are submitted to NIH for review and may fall significantly in years in which the number of applications increases but the funds available to fund grants does not. NIH uses success rates in reference to research grants, multi-component research project grants of specific types of grants (like R01s) considered for funding in a particular fiscal year. Success rates vary widely by type of grant.]

Success Rates for Research Project Grants (RPG) by NIH institute

Institute/ Center	'99	'00	'01	'02	'03	'04	'05 est.	'06 est.	'07 est.
NCI	32%	26%	27%	28%	27%	24%	20%	19%	16%
NHLBI	36%	35%	36%	33%	34%	29%	24%	21%	21%
NIDCR	24%	27%	34%	29%	27%	30%	24%	21%	18%
NIDDK	33%	28%	29%	34%	33%	27%	24%	20%	20%
NINDS	35%	37%	32%	29%	30%	25%	22%	15%	15%
NIAID	34%	36%	38%	36%	35%	24%	25%	23%	23%
NIGMS	39%	37%	37%	39%	38%	30%	27%	24%	23%
NICHD	30%	29%	27%	28%	27%	17%	18%	17%	16%
NEI	40%	42%	40%	41%	33%	30%	26%	22%	19%
NIEHS	27%	29%	29%	29%	25%	19%	19%	26%	25%
NIA	28%	26%	32%	28%	29%	21%	19%	18%	18%
NIAMS	24%	27%	29%	23%	20%	20%	20%	18%	16%
NIDCD	34%	40%	42%	39%	38%	35%	27%	28%	25%
NIMH	27%	29%	31%	28%	27%	24%	21%	20%	21%
NIDA	34%	38%	36%	31%	35%	27%	22%	18%	17%
NIAAA	30%	31%	33%	32%	27%	29%	31%	26%	22%
NINR	14%	32%	26%	26%	27%	21%	24%	18%	21%
NHGRI	38%	43%	42%	15%	30%	23%	18%	17%	15%
NIBIB	N/A	N/A	N/A	N/A	19%	17%	20%	14%	17%
NCRR	34%	18%	29%	30%	28%	21%	14%	18%	14%
NCCAM	57%	29%	17%	14%	14%	17%	17%	7%	11%
FIC	39%	23%	30%	28%	19%	22%	24%	15%	18%

Source: NIH Budget
(These numbers will change)
From *Federal Grants and Contracts Weekly* April 14, 2006

IUR PROVIDES UPDATE ON ITS RESEARCH TEAMS

The three research teams sponsored by the Institute for Urban Research (IUR) and the staff of the Institute are now engaged in the activities required to implement the research agenda of each group. The staff has been spending some time searching for grant opportunities to fund the research agenda of each team and the Institute for the long term. While several potential sources were investigated, no new grant proposals were submitted over the last two months.

COMMUNITY AND URBAN DEVELOPMENT

The Community and Urban Development Team received a grant of \$15,000 from the Girl Scouts of America to survey the membership of the MetroEast region to determine the satisfaction of its members with the programs that are currently offered and to obtain information that will be used to develop a strategic plan for the future. This project is viewed as a pilot for a larger project being developed by the United Way of St. Louis. Responses to the questionnaires that were distributed in April and May are being recorded. Analysis of these responses will take place later in the summer.

T. R. Carr, team member and professor and chair of Public Administration and Policy Analysis, met in May with Gary Dollar, Executive Director of the United Way of St. Louis, to discuss the role that the Community and Urban Development Team might play in conducting an area-wide study. The results of this study would be used by the United Way to plan its future activities. Planning for the study is expected to be completed in time for the actual data collection to begin in late spring 2007.

Members of the team have also

responded to a request for proposals by the Illinois Department of Justice. Recent legislation requires that the County Courts in Illinois provide a range of services that are designed to reduce domestic violence associated with family court matters. Madison County was provided with funds to initiate a pilot project that may serve as the basis for the development of similar programs in other counties.

URBAN EDUCATION

Team members Michael Afolayan, assistant professor in Curriculum and Instruction, and John Hunt, assistant professor in Educational Leadership, delivered papers before the No Child Left Behind Conference that was held in Chicago on February 17, 2006. The work that led to these papers formed the foundation for the research agenda of the team. The team has undertaken an in-depth search of the literature on the effects of this legislation on the teaching profession. The team plans to devote the summer to implementing its plan to collect information on the effects of NCLB on teacher motivation and preparation for classes.

The papers delivered by Professors Hunt and Afolayan may be downloaded from the Institute's website, www.siue.edu/IUR.

LEAD CONTAMINATION IN URBAN ENVIRONMENTS

The staff required to begin the collection of samples from various ecologies within the MetroEast region has been hired. The principal focus of the team over the next few months will be the collection, analysis, and mapping of the vari-

ous types and locations of lead contaminants in the region.

THE INSTITUTE

Planning for the Edwardsville Public Library Survey was completed in late May. The questionnaires that are to be used to gather data from the various constituencies of the Library were then developed and tested. Distribution of those surveys will take place during the month of June with data analysis projected to begin in late summer.

Kelly Faust, graduate assistant for the Institute for Urban Research, will complete the requirements for her master's degree in Sociology in August and then depart for Western Michigan University where she will pursue a Ph.D. in Sociology. The Institute has hired Tiffany Henley, a recent graduate of Southeast Missouri University. Ms. Henley, who plans to pursue a master's degree in Clinical Psychology, will join the staff of the IUR in August.

The Coordinating Council met with David Ault, IUR director, and Steve Hansen, dean of Graduate Studies and Research, on May 31st. The principal item on the agenda was the discussion of the progress made by the Institute to implement the Team Concept to the promotion of research among the faculty and staff.

In addition, Don Elliott, professor of Economics, who will retire in the fall, has resigned from the Coordinating Council. Professor Elliott has been a member of council since the inception of the Institute and has contributed significantly to the development of the Institute since 2000. His contributions will be missed.

--By David Ault

PROGRAM AND APPLICATION ANNOUNCEMENTS

For more information about these programs, contact Lillian Manning (extension 3114 or limanni@siue.edu) or Reem Younis (extension 5618 or ryounis@siue.edu). The Office of Research and Projects (ORP) staff asks that you submit a proposal at least five business days in advance of the agency deadline date due to the increased submission of grants electronically. Contact Cindy Fulton at extension 3164 or cfulton@siue.edu for any registration assistance you need for electronic proposal submission. The website addresses listed, unless otherwise indicated, must have added "<http://>" at the beginning of the address.

Fulbright Scholar Program

The traditional Fulbright Scholar Awards for 2007-2008 in 140 countries are now available. Each year the program sends 800 U.S. faculty and professionals abroad for lecturing and conducting research in a wide variety of academic and professional fields. The application deadline is August 1, 2006. Applications are accepted online or in hard copy form. The web site for full application information is www.cies.org.

CIES: Fulbright New Century Scholars Program

Thirty top academics and professionals collaborate for a year on a topic of global significance. For the current year, the research theme is "Higher Education in the 21st Century: Access and Equity." Applications are accepted from leading scholars and professionals in any discipline relevant to the examination of access and equity in higher education. The deadline is

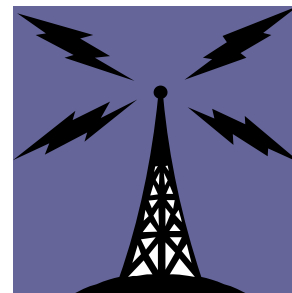
July 17. The web site is www.iiie.org/cies/NCS/.

National Endowment for the Humanities (NEH) Summer Stipends

NEH Summer Stipends provide individuals with an opportunity to pursue research in the humanities that contributes to scholarly knowledge or to the public's understanding of the humanities. Projects should be completed during the tenure of an award or represent part of a long-term endeavor. Summer Stipends awards provide \$5,000 for two consecutive months of full-time research and writing. Online applications will be accepted beginning August 1. The SIUE deadline for this program is September 13, 2006. **By September 13th, contact Christa Johnson in the Graduate School at extension 2171 or at cjohnaa@siue.edu to confirm that you are submitting a proposal in order to ensure that the required internal review is completed.** The web site is www.neh.gov/grants/guidelines/stipends.html.

Bellagio Study and Conference Center

The Rockefeller Foundation's Bellagio Study and Conference Center in Italy offers the individual residency program and the conference and team program that encourage critical thinking and creative responses to some of the most pressing issues of our time. The Foundation provides room and board without charge for all residents and conference/team participants. The web site for more information is www.rockfound.org/



bellagio. The application deadlines are August 1 and January 1.

Air Force Young Investigator Research Program

The FY2007 Air Force Young Investigator Research Program supports young scientists and engineers in Air Force relevant disciplines and is designed to promote innovative research in science and engineering. The awards foster creative basic research in science and engineering, enhance early career development of outstanding young investigators, and increase opportunities to recognize Air Force mission and challenges in science and engineering. The application deadline is July 20, 2006. The web site is www.afosr.af.mil (select "Research Areas" then "Broad Agency Announcements"). This announcement is AFOSR BAA 2006-3.

NSF International Research and Education: Planning Visits and Workshops

National Science Foundation (NSF) International Planning Visit/Workshop Awards can support the initial phases of developing and coordinating integrated research and education activities with foreign partners. Support is primarily for travel and subsistence expenses; salaries and stipends are not typically supported. The application deadlines for workshops are September 20 and February 20; applications for

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INDUSTRY SUPPORT FOR ACADEMIC RESEARCH FALLS, BUT FEDERAL AID RISES

From the *Chronicle of Higher Education*, May 12, 2006

By Anne K. Walters

Industry support for academic research in science and engineering fell for the third straight year in the 2004 fiscal year, said a report from the National Science Foundation. The apparent trend continues the first multiyear decline in support for a sector of academic research since the foundation began surveying colleges about their research-and-development expenditures, in 1953.

The report, "Industrial Funding of Academic R&D Continues to Decline in FY 2004," uses data from the National Science Foundation Survey of Research and Development Expenditures at Universities and Colleges to analyze the sources

of money for research at colleges, and the fields and institutions that receive the most research dollars. Figures from 2004 are the most recent reported to the agency.

The level of industry support for academic research in science and engineering fell by 2.6 percent in 2004, according to the survey, after declining by 1.1 percent in 2003 and 1.5 percent in 2002. Industry support was \$2.1-billion in 2004, down from a high of \$2.2-billion in 2001.

Overall research-and-development spending at colleges increased by 7.2 percent, to \$42.9-billion in 2004 from \$40.1-billion in 2003. That increase represents a slowdown from double-digit growth in the previous two years (10.9 percent in 2002 and 10.2 percent in 2003), the report says.

The federal government continues to provide the largest share of support for such research. It provided \$27.4-billion in 2004, up 10.7 percent from \$24.7-million in 2003. The federal portion of total research-and-development spending at colleges was 63.7 percent in 2004, up from 61.8 percent the year before.

The report also concludes that spending by colleges on their own research is beginning to level off, with an increase of 1.5 percent in 2004, following average annual increases of 9 percent over the previous seven years.

Information from the survey was used to rank the colleges that received the most federal funds in 2004. The list of the top 100 (<http://chronicle.com/weekly/v52/i36/36a03401.htm>, subscription required) is largely unchanged from 2003.

PROGRAM ANNOUNCEMENTS *CONTINUED*

planning visits are accepted anytime. The web site is www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf04035.

American Philosophical Society Lewis and Clark Fund

The American Philosophical Society (APS) announces the Lewis and Clark Fund to encourage exploratory field studies for the collection of specimens and data and to provide the imaginative stimulus that accompanies direct observation. Applications are invited from disciplines with a large dependence on field studies, such as archeology, anthropology, astrobiology and space science, biology, ecology, geography, geology, oceanography, and paleon-

tology, but grants will not be restricted to these fields. Grants are available to graduate students, post-doctoral students, junior and senior scientists, and social scientists who wish to participate in field studies for their theses or for other purposes. Undergraduates are not eligible. Amounts will depend on travel costs but will ordinarily be in the range of several hundred dollars up to about \$5,000. Applications may be submitted at any time, and the Committee for the Lewis and Clark Fund will evaluate applications several times during the year. The web site for application information is www.amphilsoc.org/grants/lewisandclark.htm.

Spencer Foundation

The main mission of the Spencer Foundation is to investigate ways in which education can be improved around the world. The Major Research Grants Program supports research projects requiring more than \$40,000; the Small Research Grants Program supports projects of one year or less that require no more than \$40,000 to complete. The web sites are www.spencer.org/programs/grants/major_grants.htm and www.spencer.org/programs/grants/small_grants.htm. Preliminary proposals for the Major Research Grants may be submitted at any time. Proposals for the Small Research Grants may be submitted at any time.

AWARDED AND SUBMITTED GRANTS AND CONTRACTS MAY 3, 2006—JUNE 15, 2006

Awarded

Ronald Banks

Engineering
“Science and Engineering Summer Bridge Program” - Illinois Louis Stokes Alliance for Minority Participation”
Chicago State University, \$38,500

Rodney Bothast and Martha Schlicher

National Corn to Ethanol Research Center
“ARS Research Cooperative Agreement”
United States Department of Agriculture-ARS, \$355,122

Richard Bush

Arts and Sciences
“Tracy Family Foundation Assistance Project”
Tracy Family Foundation, \$17,039

Jen-Shiun Chen

Engineering
“UWB Radar Investigation”
Systems & Electronics, Inc., \$25,025

Cristina De Meo

Arts and Sciences
“Oxazolidinone Protected Sialosyl Donor and Acceptors: Effect on the Stereoselectivity and Reactivity in Glycosylation Reactions”
Research Corporation, \$39,998

Theodore Jamison

University Service to East St. Louis
“CDBG Summer Arts - FY06”
Community Development Block Grants - East St. Louis, \$7,500

Sadegh Khazaeli and Eric Voss

Arts and Sciences
“Hands-on Chemistry: Improving Secondary School Chemistry Teacher Quality in Southwestern Illinois and the Metro East”
Illinois Board of Higher Education (IBHE), \$73,000

Hazel Mallory

University Service to East St. Louis
“Reading is Fundamental, Inc (RIF IL7161)”
Reading is Fundamental, Inc (RIF IL7161), \$7,992

CORRECTION:

“FY 2005/2006 Supplemental Funds for 2nd National Head Start Hispanic Institute”
U.S. Department of Health & Human Services-Administration for Children, Families & Youth, \$2,000

Susan Morgan and Jianpeng Zhou

Engineering
“Developing the Basis for Creating Environmental Networking Organizations in Downstate Illinois”
Illinois Waste Management and Research Center, \$94,251

Mary Anne Pettit

Business
“Economic Education”
Illinois Council on Economic Education, \$8,250

Julie Pietroburgo

Arts and Sciences
“Investigation of Association Mergers”
William E. Smith Institute, \$12,500

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NSF DOCUMENTS AVAILABLE ONLINE

The National Science Foundation (NSF) Online Document System has publications available at http://www.nsf.gov/publications/pub_summ.jsp?ods_key=plug in the letters and numbers within the parentheses. The following is a listing of just some of the recent documents that are available.

➤ NSF Active Funding Opportunities—listing of deadline dates (URL: www.nsf.gov/funding/pgm_list.jsp?org=NSF&ord=date). Also links to

NSF Grant Proposal Guide, Guide to Programs, and other pertinent information.

- Worksheet for Electronic Publication of NSF Documents (bcstutorial05)
- NSF Current—May 2006 (cu0506)
- Federal R&D Funding by Budget Function: Fiscal Years 2004-2006 (nsf06317)
- Researchers Release Draft Final Report on New Orleans Levees (pr06088)



- Engineering Directorate Reorganization (nsf06033)
- Master Government List of Federally Funded Research and Development Centers: Fiscal Year 2006 (nsf06316)
- U.S. National Science Foundation Celebrates Opening of Beijing Office (pr06091)

AWARDED GRANTS *CONTINUED*, SUBMITTED GRANTS

Kristine Polo

Business

“Design and Layout of Champion Tours Website, Logo, and Business Cards”

Champion Tours, \$1,133

“Professional MARKET Design of Mukisa Circle Website and Blessing Basket Project Website”

The Basket Project Website, \$4,000

“Development of a Magneto-Rheologic Fluid Based Vibration Damping System”

Hydrodynamics Tech, \$5,500

“Website Design”

Breuggeman Chiropractic, LLC, \$759

“Feasibility Study/Market Research”

CopyCat Video, \$5,500

Ron Schaefer

Graduate School

“Documenting Edo North Languages with Oral Narratives”

National Endowment for the Humanities, \$174,999

Scott Umbaugh

Engineering

“Krewson Reaching Equipment Company Software Development”

Krewson, \$3,000

Eric Voss, Nahid Shabestary, and Dennis Kitz

Arts and Sciences

“Improving Middle School Science Teacher Quality in Southwestern Illinois and the Metro East St. Louis Region”

Illinois Board of Higher Education (IBHE), \$73,000

Lorraine Williams

Nursing

“Pioneers and Progress in Health-Care Professionals”

Lewis and Clark Community College, \$13,891

Cory Willmott

Arts and Sciences

“Clothed Encounters: Great Lakes

Algonquian Dress in Intercultural Relations, 1760-1930”

American Philosophical Society, \$3,000

Submitted

Michael Afolayan

Education

“Instruction Technology Grant”

McGraw Hill, \$4,000

Paul Anthony

Lovejoy Library

“Alternative Energy Monograph Partnership”

CARLI, \$2,500

“Small Business Partnership”

CARLI, \$3,000

Rita Arras

Nursing

“To Be a Healthy Man”

American Nurses Foundation, \$6,111

Melanie Brimer

Education

“Speech Recognition for Persons with Dysarthria”

National Science Foundation, \$10,615

Linda Carisle

Lovejoy Library

“Anthropology Collection”

CARLI, \$3,000

Dana Collins

Education

“Evaluation of the Speech Performance of Subjects with Nonsyndrome Cleft Palate”

American Speech Language Hearing Association (ASHA), \$5,000

Elizabeth Delfert

Lovejoy Library

“VIISUAL: Video and Audio Enhanced Interactive Instruction Sessions Utilizing Appropriate Digital Library Resources”

Illinois State Library, \$83,752

Sandra Field

University Service to East St. Louis
“Parental Information and Research Center”

Department of Education, \$250,000

Kevin Hubbard

Engineering

“Development of a PLC Program for Shotpeen Production Line Automation”

Beall Manufacturing, \$501

“The Creation of an EDA University Center at SIUE”

U.S. Department of Commerce Economic Development of Administration, \$158,527

Luci Kohn

Arts and Sciences

“Dietary Influences on Mandibular Morphology in New World Primates”

Wenner-Gren Foundation, \$17,809

Guim Kwon

Pharmacy

“Role of Adiponectin in Maintaining Pancreatic Beta-Cell Mass”

American Association of Colleges of Pharmacy, \$10,000

Rebecca Lindell

Arts and Sciences

“An Inquiry Based Integrated Lab/Lecture Introductory Astronomy Course”

National Science Foundation, \$149,699

Gladys Mabunda

Nursing

“Access to Health Care by African Born Women In Two Metropolitan Cities”

American Nurses Foundation, \$10,000

Regina McBride

Library

“Cultural Diversity & Foreign Lan-

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SUBMITTED GRANTS *CONTINUED*

guage Instruction: A Collection of Educational DVD's"
Illinois State Library, \$3,000

Anthony Neal

University Service to East St. Louis
"Foreign Language Development Program"
Illinois State Board of Education,
\$26,607

Martha Schlicher and Pam Keck

National Corn to Ethanol Research Center
"An ATE Project to Establish a Notice Bioprocess Education Corporation"
National Science Foundation,
\$1,077,597

Cindy Schmidt

Nursing
"Parental Involvement with Adolescents' Type 1 Diabetes Self-Care Management: Perceptions of Parents and Adolescents"
American Nurses Foundation, \$5,000
"Parental Involvement with Adoles-

cents Type 1 Diabetes Self Care Management: Perceptions of Parents and Adolescents"

American Nurses Foundation, \$7,361

"Hospitalized Children's Perceptions of Nurses: A Qualitative Study"

American Nurses Foundation, \$9,784

"Hospitalized Children's Perceptions of Nurses: A Qualitative Study"

American Nurses Foundation, \$4,848

"Parental Involvement with Adolescents' Type 1 Diabetes Self Care Management: Perceptions of Parents and Adolescents"

American Nurses Foundation, \$9,783

American Nurses Foundation, \$9,783

Morris Taylor

Arts and Sciences

"Internship"

East St. Louis Housing Authority,
\$2,994

Socratis Tornaritis

Engineering

"Conversion of an Excel Application to a Window as Standalone Application"

David Lindsay, \$11,092

Eric Voss

Arts and Sciences

"Collaborative Project Gemini SPM: Scanning Probe Microscopy in Undergraduate Chemistry Courses"

National Science Foundation,

\$74,975

Chin-Chuan Wei

Arts and Sciences

"Mechanism of Electron Transfer within Flavoprotein Domains of Non-Phagocyte NADPH Oxidases (NOXs)"

Cottrell College Science Awards from Research Cooperation Fund,

\$45,148

\$45,148

\$45,148

Susan Wiediger

Arts and Sciences

"Connecting Industrial and Academic Knowledge Through a Laboratory Safety Pattern Language"

National Science Foundation,

\$142,713

\$142,713