

FY05 EXTRAMURAL AWARDS GRANTS, CONTRACTS, AND COOPERATIVE AGREEMENTS

The **U.S. DEPARTMENT OF AGRICULTURE** has awarded a cooperative agreement entitled: “*Child Nutrition Program*” in the amount of **\$6,000**. The cooperative agreement, in part, provides support for participants who are associated with the Upward Bound program. The primary function of this award is K-12 student training. The principal investigator of the cooperative agreement is ***Ms. LouAnn Largent***.

The **OKLAHOMA STATE DEPARTMENT OF EDUCATION** through Clinton Public Schools has awarded a contract entitled: “*OK-RMSP: Oklahoma Rural Mathematics and Science Partnership*” in the amount of **\$14,310**. The contract, in part, supports a program to increase content knowledge and the creation of standard based mathematics and science lessons for K-12 teachers in rural western Oklahoma. The primary function of the award is K-12 teacher training. The principal investigator of the contract is ***Dr. Brian Campbell***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*NIH OK-INBRE Undergraduate Summer Internship Supplies/Equipment Grant Year 1*” in the amount of **\$6,000**. The grant, in part, supports a summer mentoring program for training and research for undergraduate students. The primary function of the award is university student training and support. The principal investigator of the grant is ***Dr. William Kelly***.

The **CHEYENNE-ARAPAHO TRIBES** have awarded a grant entitled: “*High Challenge Student Advisor*” in the amount of **\$3,000**. The grant, in part, supports an advisor for academic and career advisement for high challenged students. The primary function of the award is university student training and support. The principal investigator of the grant is ***Dr. Paulette Woods***.

The **U.S. SMALL BUSINESS ADMINISTRATION** through Southeastern Oklahoma State University has awarded a cooperative agreement entitled: “*Small Business Development Center 2005*” in the amount of **\$152,566**. The cooperative agreement, in part, enhances economic development in the Southwestern Region of the state by offering counseling and training to existing and potential small business clients. The primary function of this award is public service. The principal investigator of the cooperative agreement is ***Dr. Marvin Hankins***.

The **NATIONAL SCIENCE FOUNDATION** through Oklahoma State University has awarded a cooperative agreement entitled: “*Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology Phase III Year 1*” in the amount of **\$12,141**. The cooperative agreement, in part, supports efforts to recruit minority students to pursue degrees in the science, mathematics, engineering, and technology fields. The primary function of this award is university student training and support. The principal investigator of the cooperative agreement is ***Dr. Brian Campbell***.

The **SOUTH WESTERN OKLAHOMA DEVELOPMENT AUTHORITY (SWODA)** has awarded a grant entitled: “*Rural Access to Automatic External Defibrillator, SWOSU Wellness Center*” in the amount of **\$2,437**. The grant, in part, supports an automated external defibrillator for the new wellness center on the SWOSU campus. The primary function of this award is university student training and support. The principal investigator of the grant is ***Mr. Ron Walker***.

The **NATIONAL SCIENCE FOUNDATION** through the University of Central Oklahoma has awarded a grant entitled: “*SURE-STEP Supporting Undergraduate Research & Education Year 2*” in the amount of **\$99,922**. The grant, in part, supports a program to increase the number of students and to retain and graduate more students in the science, technology, engineering, and mathematics disciplines. The primary function of this award is university student training and support. The principal investigators of the award are ***Dr. Brian Campbell and Dr. Choudary Jagarlamudi***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Investigations of SHetA2 Mediated Mitochondrial Changes in Human Cancer Organotypic Cultures (INBRE Collaborative) Year 1*” in the amount of **\$46,288**. The grant, in part, supports research collaboration between faculty at a primarily undergraduate INBRE institution and its counterpart at a comprehensive campus. Faculty involved in the program will gain valuable experience in designing, conducting and reporting biomedical research, thus enhancing the ability to compete for extramural funding beyond the local level. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. William Kelly***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Tagging Genes that Affect the Expression of 5’Nucleotidase in Dictyostelium discoideum (INBRE Mini-Grant) Year 1*” in the amount of **\$23,780**. The grant, in part, supports funding for faculty at undergraduate institutions. Faculty funded through this program will gain valuable experience in designing, conducting and reporting biomedical research, thus enhancing their ability to compete for extramural funding beyond the local level. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Muatasem Ubeidat***.

The **LEARN.COM, INC.** has awarded a grant entitled: “*Academic Licenses Grant--CourseMaker Studio Software*” in the amount of **\$19,975**. The grant, in part, supports the acquisition of software licenses. These software licenses will enable the Center for Telemedicine and Web-Based Distance Learning at SWOSU to create on-line classes for delivery to students through the Internet and/or CD-ROM. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Harpal Dhillon***.

The **CDF ASSOCIATES, INC.** has awarded a grant entitled: “*Student Internship--R&D for Retail Distribution M.I.S.*” in the amount of **\$11,400**. The grant, in part, supports internships for computer science majors to gain hands-on experience through an internship arrangement with CDF Associates, Inc. The students will be given various opportunities including but not limited to learning a new-object oriented language, how to design applications in the NET environment, and how to use state-of-the art CASE tools for software design, testing, and implementation. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Harpal Dhillon***.

The **OKLAHOMA CENTER FOR THE ADVANCEMENT OF SCIENCE AND TECHNOLOGY (OCAST)** has awarded a grant entitled: “*R&D for Retail Distribution M.I.S.*” in the amount of **\$10,468**. The grant, in part, supports internships for computer science majors to gain hands-on experience through an internship arrangement with CDF Associates, Inc. The students will be given various opportunities including but not limited to learning a new-object oriented language, how to design applications in the NET environment, and how to use state-of-the art CASE tools for software design, testing, and implementation. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Harpal Dhillon***.

The **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER and EPSCoR** through the University of Central Oklahoma has awarded a grant entitled: “*SURE-STEP Undergraduate*

Research & Education (EPSCoR)” in the amount of **\$2,000**. The grant, in part, supports mentors for a program aimed at increasing the number of students and to retain and graduate more students in the science, technology, engineering, and mathematics disciplines. The primary function of this award is university student training and support. The principal investigators of the grant are ***Dr. Brian Campbell and Dr. Choudary Jagarlamudi.***

The **U.S. DEPARTMENT OF AGRICULTURE** through the Jeffersonian Institute, Inc. has awarded a contract entitled: “*Advanced Telecommunications Technology to the Post Secondary Educational Community and Multiple Educational Opportunities in a Nontraditional Manner*” in the amount of **\$7,000**. The contract, in part, supports funding to provide services for video conferences including connection to OneNet interactive video and on-site technical support. The primary function of this award is public service. The principal investigator of the contract is ***Mr. Lessley Price.***

The **ORACLE CORPORATION** has awarded a grant entitled: “*Oracle Academic Initiative*” in the amount of **\$162,150**. The grant, in part, supports the acquisition of a multi-user software license, software upgrade, and services from the Oracle Academic Initiative Software and Support Program. This software license enables the Computer Science Department to continue offering state-of-the-art laboratory instruction. The primary function of this award is university student training and support. The principal investigator of the grant is ***Ms. Madeline Baugher.***

The **U.S. DEPARTMENT OF EDUCATION** through the Oklahoma State Regents for Higher Education has awarded a grant entitled: “*KESAM 2005: Hands On Brains On Journey of Excellence (NCLB)*” in the amount of **\$99,158**. The grant, in part, supports professional development for elementary school teachers to strengthen mathematical thinking and instruction. The primary function of this award is K-12 teacher training. The principal investigator of the grant is ***Dr. John Woods.***

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION** through the University of Oklahoma has awarded a contract entitled: “*Software Quality Assurance Program Upgrading with NASA Support*” in the amount of **\$8,735**. The contract, in part, supports software updates and faculty training to develop a software quality and assurance program in the Computer Science Department. The primary function of this award is faculty development. The principal investigator of the contract is ***Dr. Harpal Dhillon.***

The **U.S. DEPARTMENT OF EDUCATION** through the Southwest Educational Development Laboratory has awarded a grant entitled: “*Eisenhower Southwest Consortium for the Improvement of Mathematics and Science Teaching Access Center*” in the amount of **\$2,000**. The grant, in part, supports improvement of mathematics instruction and student performance in Oklahoma. It also provides funding for acquisition of materials for training representatives to provide services to regional educators of science and mathematics. The primary function of this award is K-12 teacher training. The principal investigators of the grant are ***Mr. Don Gilstrap and Ms. Audrey DeFrank.***

The **VETERANS ADMINISTRATION** has awarded a contract entitled: “*Pharmaceutical Care in an Ambulatory VAMC Clinic Year I*” in the amount of **\$399,982**. The contract, in part, supports contemporary pharmacy services while providing educational and research opportunities for pharmacy students in the pharmaceutical care clinic area. The primary function of this award is university student training and support. The principal investigators of the contract are ***Dr. David Bergman and Dr. Dennis Thompson.***

The **U.S. DEPARTMENT OF COMMERCE** through the Economic Development Administration has awarded a grant entitled: “*EDA University Center*” in the amount of **\$81,000**. The grant, in part, supports the development of an Economic Development Administration University Center at SWOSU

to provide technical assistance and promote economic development throughout southwestern Oklahoma. The primary function of this award is economic development. The principal investigator of the grant is [Dr. Marvin Hankins](#).

The **NATIONAL COLLEGIATE ATHLETIC ASSOCIATION** through the Lone Star Conference has awarded a grant entitled: “*NCAA Strategic Initiatives Grant FY05*” in the amount of **\$3,000**. The grant, in part, supports student and faculty travel to associational and professional conferences. The primary function of this award is university student training and support. The principal investigators of the grant are [Mr. Cecil Perkins](#) and [Ms. Kelli Litsch](#).

The **OKLAHOMA COMMISSION FOR TEACHER PREPARATION** through Oklahoma State University has awarded a cooperative agreement entitled: “*Success in Science and Mathematics: A Professional Development Institute in Science and Mathematics (PDI) Year 3*” in the amount of **\$50,924**. The cooperative agreement, in part, supports professional development training of K-8 teachers in hands-on, inquiry-based science curriculum modules. This module training will ensure that K-8 teachers will have the knowledge, skills, and materials needed to provide students with the highest quality of science instruction available. The primary function of this award is K-12 teacher training. The principal investigator of the cooperative agreement is [Dr. Cynthia Foust](#).

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Oklahoma IDeA Network Biomedical Research Excellence Collaboration (INBRE Equipment) Year 1*” in the amount of **\$81,500**. The grant, in part, supports the purchase of laboratory equipment to enhance research infrastructure for interdisciplinary biomedical research involving undergraduate students. The primary function of this award is basic research. The principal investigator of the grant is [Dr. William Kelly](#).

The **WESTERN TECHNOLOGY CENTER** has awarded a grant entitled: “*Southwestern Manufacturing Consortium: Extension Agent and Fiscal Agent FY05*” in the amount of **\$10,000**. The grant, in part, supports a manufacturing extension agent who works with existing small to medium sized manufacturers to improve the manufacturers’ ability to compete in the international market place. The primary function of this award is economic development. The principal investigator of the grant is [Dr. Marvin Hankins](#).

The **NATIONAL COLLEGIATE ATHLETIC ASSOCIATION** through the Lone Star Conference has awarded a grant entitled: “*NCAA Strategic Initiatives Grant Year 2*” in the amount of **\$1,669**. The grant, in part, supports the SWOSU Athletic Department by providing funding for student and faculty travel to associational and professional conferences. The primary function of this award is university student training and support. The principal investigator of the grant is [Mr. Cecil Perkins](#).

The **UNIVERSITY OF OKLAHOMA** awarded a contract entitled: “*Early Childhood Education*” in the amount of **\$750**. The contract, in part, supports early childhood professional development training. The primary function of this award is K-12 teacher training. The principal investigator of the contract is [Dr. Lessley Price](#).

The **OKLAHOMA ARTS COUNCIL** has awarded a grant entitled: “*35th Annual Jazz Festival*” in the amount of **\$4,700**. The grant, in part, supports the development of a better appreciation and understanding of jazz among the students, faculty and public that are served by the University. The primary function of this award is university student training and support and K-12 student training. The principal investigator of the grant is [Dr. Terry Segress](#).

The **U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES** through the Oklahoma Department of Human Services and the University of Oklahoma has awarded a contract entitled: “*Child Welfare Professional Enhancement Program (CWPEP) FY05*” in the amount of **\$86,350**. The contract, in part, supports students who are pursuing child welfare careers through financial support as well as employment opportunities. The primary function of this award is university student training and support. The principal investigator of the contract is ***Ms. Debbi McFarlin***.

The **U.S. DEPARTMENT OF COMMERCE** through the Oklahoma Alliance for Manufacturing Excellence, Inc. has awarded a grant entitled: “*Southwestern Manufacturing Consortium: Manufacturing Extension Agent and Fiscal Agent FY05*” in the amount of **\$34,000**. The grant, in part, supports a manufacturing extension and fiscal agent who works with existing small to medium sized manufacturers to improve the manufacturers' ability to compete in the international market place. The primary function of this award is economic development. The principal investigator of the grant is ***Dr. Marvin Hankins***.

The **AMERICAN INDIAN INSTITUTE FOR PROGRESS (AIIP)** has awarded a contract entitled: “*Positive Futures for Native American Youth*” in the amount of **\$32,807**. The contract, in part, supports a collaborative effort to reduce the number of Native American youth referred to the juvenile justice system through the establishment of a program designed to provide character building skills and a support system whereby the youth identified in the program can achieve personal goals. The primary function of this award is K-12 student training. The principal investigator of the contract is ***Mr. Don Nigus***.

The **NATIONAL SCIENCE FOUNDATION** through Oklahoma State University and Oklahoma EPSCoR has awarded a grant entitled: “*High Challenge Student Advisor Year 3*” in the amount of **\$23,807**. The grant, in part, supports an advisor for academic and career advisement for high challenged students. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Paulette Woods***.

The **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Adventure Programs FY05*” in the amount of **\$3,804,459**. The contract, in part, supports residency programs at five sites for youth in Office of Juvenile Affairs custody. The residency treatment programs utilize outdoor education experiences to encourage possible behavioral changes for the youth served. The primary function of this award is public service. The principal investigator of the contract is ***Dr. Ken Rose***.

The **U.S. DEPARTMENT OF EDUCATION** has awarded a grant entitled: “*Upward Bound Year 2*” in the amount of **\$367,565**. The grant, in part, supports an outreach program, as well as a residential summer program, that is designed to encourage first generation, economically disadvantaged high school students to meet the academic and social challenges of higher education. The primary function of the award is K-12 Student Training. The principal investigator of the grant is ***Ms. LouAnn Largent***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Allosterism in E. coli Carbamoyl Phosphate Synthetase (INBRE) Year 1*” in the amount of **\$104,708**. The grant, in part, supports biomedical research for faculty at an undergraduate institution. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Jason Johnson***.

The **U.S. DEPARTMENT OF AGRICULTURE** through the Oklahoma State Department of Education has awarded a grant entitled: “*Child Nutrition Programs*” in the amount of **\$104,000**. The

grant, in part, supports the nutrition costs for participants of the residential program for youth housed as part of the SWOSU Adventure Programs. The primary function of this award is public service. The principal investigator of the grant is *Mr. Jason Baker*.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Osmoadaptation in Pseudomonas aeruginosa (INBRE) Year 1*” in the amount of **\$103,735**. The grant, in part, supports biomedical research for faculty at an undergraduate institution. The primary function of this award is basic research. The principal investigator of the grant is *Dr. Arden Aspedon*.