

FY07 EXTRAMURAL AWARDS GRANTS, CONTRACTS, AND COOPERATIVE AGREEMENTS

The **CHEYENNE & ARAPAHO TRIBES OF OKLAHOMA** through the **Cheyenne & Arapaho Tribal College Board** has awarded a cooperative agreement entitled: “*Cheyenne & Arapaho Tribal College 2006*” in the amount of **\$211,828**. The cooperative agreement, in part, supports a two-year tribal college on the campus of Southwestern Oklahoma State University (SWOSU). It will provide quality educational experience to Native American students. The primary function of this award is public service. The principal investigator of the cooperative agreement is ***Dr. Radwan Al-Jarrah***.

The **U.S. DEPARTMENT OF AGRICULTURE** through the Oklahoma State Department of Education has awarded a grant entitled: “*Child Nutrition Program FY07*” in the amount of **\$125,000**. 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 **OKLAHOMA STATE DEPARTMENT OF HEALTH** has awarded a contract entitled: “*M2M: Man-to-Man Sexual Assault Prevention Education FY07*” in the amount of **\$2,000**. The contract, in part, supports adult male student training on sexual assault prevention. The primary function of this award is public service. The principal investigators of the contract are ***Ms. Donna Barlow and Dr. Mike Wheeler***.

FREIGHTLINER SPECIALTY VEHICLES, INC. has awarded a contract entitled: “*Workforce Development in Computer Systems-2007*” in the amount of **\$15,120**. The contract, in part, supports a mentoring internship program for training for undergraduate students. The primary function of this award is university student training support. The principal investigator of the contract is ***Ms. Madeline Baugher***.

HUDSON TECHNOLOGY SOLUTIONS has awarded a cooperative agreement entitled: “*Workforce Development in Computer Systems-2007*” in the amount of **\$2,800**. The cooperative agreement, in part, supports a mentoring internship program for training for undergraduate students. The primary function of this award is university student training support. The principal investigator of the cooperative agreement is ***Ms. Madeline Baugher***.

SOLIDWORKS has awarded a grant entitled: “*SolidWorks STEM*” in the amount of **\$6,000**. The grant, in part, supports a program to increase content knowledge, create 3D designs, and to incorporate current 3D designs in the Department of Industrial and Engineering Technology at SWOSU. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Richard Baugher***.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)** through the University of Oklahoma has awarded a grant entitled: “*NASA Fellowship Grant FY07*” in the amount of **\$12,500**. The grant, in part, supports scholarships for students interested in pursuing space related educational programs and supports students to attend space related workshops. The primary function of this award is university student training and support. The principal investigators of the grant are ***Ms. Madeline Baugher and Mr. Don Nigus***.

IMATION CORPORATION has awarded a grant entitled: “*R & D Fluid Dispersion for Web Coating – Year 2*” in the amount of **\$13,375**. The grant, in part, supports a mentoring program for training and research for undergraduate students. The primary function of this award is university student training support. The principal investigator of the grant is ***Dr. Gary Bell***.

The **OKLAHOMA CENTER FOR THE ADVANCEMENT OF SCIENCE AND TECHNOLOGY (OCAST)** has awarded a grant entitled: “*R & D of Fluid Dispersion for Web Coating – Year 2*” in the amount of **\$13,375**. The grant, in part, supports a mentoring program for training and research for undergraduate students. The primary function of this award is university student training support. The principal investigator of the grant is ***Dr. Gary Bell***.

The **VETERANS ADMINISTRATION** has awarded a grant entitled: “*Pharmaceutical Care in an Ambulatory VAMC Clinic Year 3*” in the amount of **\$481,975**. The grant, 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 grant are ***Dr. David Bergman and Dr. Dennis Thompson***.

The **NATIONAL SCIENCE FOUNDATION** through the University of Central Oklahoma has awarded a grant entitled: “*SURE-STEP Supporting Undergraduate Research & Education Year 4*” in the amount of **\$79,962**. 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 grant are ***Dr. Brian Campbell and Dr. Curt Woolever***.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** has awarded a grant entitled: “*Science and Mathematics Academy for Selected High Schools (SMASH) FY07*” in the amount of **\$38,051**. The grant, in part, supports a summer academy program for underrepresented high school juniors and seniors to experience a relationship between science, technology, engineering, and mathematics disciplines. The primary function of this award is K-12 student training. The principal investigator of the grant is ***Dr. Brian Campbell***.

The **OKLAHOMA STATE UNIVERSITY/EPSCoR** through the University of Central Oklahoma has awarded a grant entitled: “*SURE-STEP Supporting Undergraduate Research & Education (EPSCoR) FY07*” in the amount of **\$2,000**. The grant, in part, supports the Sure-Step program by providing one additional peer mentor through the summer of 2007. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Brian Campbell***.

The **OKLAHOMA STATE DEPARTMENT OF EDUCATION** through the El Reno Public Schools has awarded a contract entitled: “*Science and Mathematics Association of Rural Teachers (SMART)*” in the amount of **\$8,400**. The contract, in part, supports teachers to gain hands-on experience and training in mathematics, science, and technology. The primary function of this award is K-12 teacher training. The principal investigators of this contract are ***Dr. Brian Campbell and Dr. Robbie McCarty***.

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) FY07*” in the amount of **\$26,630**. The cooperative agreement, in part, supports K-8 teachers by providing hands-on, inquiry-based science curriculum modules. These modules will provide materials needed to enable students to receive a high quality of science instruction. The primary function of this award is K-12 teacher training. The principal investigator of the cooperative agreement is ***Dr. Cynthia Foust***.

The **U.S. SMALL BUSINESS ADMINISTRATION** through Southeastern Oklahoma State University has awarded a cooperative agreement entitled: “*Small Business Development Center 2007*” in the amount of **\$161,388**. 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 economic development. The principal investigator of the cooperative agreement is ***Dr. Marvin Hankins***.

The **SOUTHWEST OKLAHOMA IMPACT COALITION** has awarded a cooperative agreement entitled: “*Southwest Regional Economic Development Grant 2007*” in the amount of **\$50,000**. The cooperative agreement, in part, supports the Southwest Oklahoma Impact Coalition (SOIC) in its efforts to provide a regional approach in pursuing efforts to enhance community and economic development in the southwest region of Oklahoma. The primary function of this award is economic development. The principal investigator of the cooperative agreement is ***Dr. Marvin Hankins***.

The **U.S. DEPARTMENT OF COMMERCE** through the Oklahoma Alliance for Manufacturing Excellence, Inc. has awarded a grant entitled: “*Southwestern Manufacturing Consortium: Extension Agent and Fiscal Agent FY07*” in the amount of **\$38,000**. 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 **WESTERN TECHNOLOGY CENTER** has awarded a grant entitled: “*Southwestern Manufacturing Consortium: Extension Agent and Fiscal Agent FY07*” 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 **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** has awarded a grant entitled: “*Economic Development Enrichment Fund FY07*” in the amount of **\$25,000**. The grant, in part, supports activities of economic, workforce, and community development. The primary function of this award is economic development. The principal investigator of the grant is ***Dr. Marvin Hankins***.

The **U.S. DEPARTMENT OF COMMERCE** through the Economic Development Administration has awarded a grant entitled “EDA University Center Year 3” in the amount of **\$95,850**. The grant, in part, supports the development of an Economic Development Administration University Center at Southwestern 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 INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Development and Screening of Transition Metal Complexes as CXCR4 Antagonists – INBRE Year 1*” in the amount of **\$44,872**. The grant, in parts, supports scientific research that will enhance the professional and scholarly development of faculty at predominantly undergraduate institutions. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Timothy Hubin***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*NIH OK INBRE Summer Student Mentor Program – 2007*” in the amount of **\$1,500**. The grant, in part, supports biomedical research for students at an undergraduate institution. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Timothy Hubin***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Development and Screening of Transition Metal Complexes as CXCR4 Antagonists – INBRE Year 2*” in the amount of **\$104,984**. The grant, in part, supports scientific research that will enhance the professional and scholarly development of faculty at predominantly undergraduate institutions. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Timothy Hubin***.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** has awarded a grant entitled: “*Configurationally Restricted Bis-Azamacrocycles: Chemokine Receptor Antagonists*” in the amount of **\$20,000**. The grant, in part, supports scientific research that will enhance the professional and scholarly development of faculty at predominantly undergraduate institutions. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Timothy Hubin***.

The **OKLAHOMA ARTS COUNCIL** has awarded a grant entitled: “*Visiting Artist Program FY07*” in the amount of **\$2,500**. The grant, in part, supports the development of a visiting artist program to promote a better appreciation and understanding of a community arts program by introducing various styles and genres of arts to the surrounding communities served by the University. The primary function of this award is public service. The principal investigator of the grant is ***Ms. E.K. Jeong***.

The **WEATHERFORD ARTS COUNCIL** has awarded a grant entitled: “*Visiting Artist Program*” in the amount of **\$1,000**. The grant, in part, supports the development of a visiting artist program to promote a better appreciation and understanding of a community arts program by introducing various styles and genres of arts to the surrounding communities served by the University. The primary function of this award is public service. The principal investigator of the grant is ***Ms. E.K. Jeong***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Mechanisms of Synchronization: Vestigial Paths to Urea Cycle Deficiencies? – INBRE Year 1*” in the amount of **\$44,906**. The grant, in part, supports biomedical research for students at an undergraduate institution. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Jason Johnson***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*Mechanisms of Synchronization: Vestigial Paths to Urea Cycle Deficiencies? – INBRE Year 2*” in the amount of **\$103,319**. The grant, in part, supports biomedical research for students at an undergraduate institution. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Jason Johnson***.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** has awarded a grant entitled: “*Developing Bioinformatics Curriculum at the Regional University (Summer Program)*” in the amount of **\$8,369**. The grant, in part, supports summer salary for faculty at an undergraduate institution in curriculum redesign and course development intended to improve the preparation of future biomedical researchers. The primary function of this award is program development. The principal investigator of the grant is ***Dr. Yefim Kats***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*INBRE Equipment Grant Year 3 - Additional Funding*” in the amount of **\$15,000**. 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 **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*OK INBRE Equipment Grant Supplement Year 3 (Additional Funding)*” in the amount of **\$15,000**. 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 **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** has awarded a grant entitled: “*Introduction to Structural Proteomics (Summer Program)*” in the amount of **\$6,914**. The grant, in part, supports summer salary for faculty at predominately undergraduate institutions in curriculum redesign and course development intended to improve the preparation of future biomedical researchers. The primary function of this award is program development. 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: “*NIH OK INBRE Summer Student Mentor Program – 2007*” in the amount of **\$1,500**. The grant, in part, supports biomedical research for students at an undergraduate institution. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. William Kelly***.

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 FY07*” in the amount of **\$100,004**. 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 EDUCATION** has awarded a grant entitled: “*Upward Bound Year 4*” 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. Jamie Novey***.

The **U.S. DEPARTMENT OF AGRICULTURE** through the Oklahoma State Department of Education has awarded a cooperative agreement entitled: “*Summer Food Service Program for Children – FY0*” 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. Jamie Novey**.

The **NATIONAL COLLEGIATE ATHLETIC ASSOCIATION** through the Lone Star Conference has awarded a grant entitled: “*2007 NCAA Conference Grant*” in the amount of **\$4,500**. The grant, in part, supports a needy student-athlete assistance program, student tutorial services, and student travel expenses. The primary function of this award is university student training and support. The principal investigator of the grant is **Mr. Cecil Perkins**.

The **NATIONAL COLLEGIATE ATHLETIC ASSOCIATION** through the Lone Star Conference has awarded a grant entitled: “*2006 NCAA Strategic Conference Grant*” in the amount of **\$500**. The grant, in part, supports the SWOSU Athletic Department by providing funding for student and faculty to 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 **OKLAHOMA DEPARTMENT OF CORRECTIONS** has awarded a cooperative agreement entitled: “*Correctional Education Cooperative Agreement – Year 2*” in the amount of **\$15,000**. The cooperative agreement, in part, will provide a limited number of telecourses to youth offenders at the Hinton Correctional Facility. The primary function of this award is public service. The principal investigator of the cooperative agreement is **Dr. Lessley Price**.

The **UNIVERSITY OF OKLAHOMA** has awarded a contract entitled: “*Early Childhood Training*” in the amount of **\$300**. 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 **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Tenkiller Adventure Program FY07*” in the amount of **\$893,520**. The contract, in part, supports a residency program for youth in Office of Juvenile Affairs custody. The residency treatment program utilizes 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 **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Cedar Canyon Adventure Program FY07*” in the amount of **\$893,520**. The contract, in part, supports a residency program for youth in Office of Juvenile Affairs custody. The residency treatment program utilizes 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 **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Lawton Adventure Program FY07*” in the amount of **\$794,240**. The contract, in part, supports a residency program for youth in Office of Juvenile Affairs custody. The residency treatment program utilizes 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 **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Foss Lake Adventure Program FY07*” in the amount of **\$794,240**. The contract, in part, supports a residency program for youth in Office of Juvenile Affairs custody. The residency treatment program utilizes 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 **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Enid Adventure Program FY07*” in the amount of **\$595,680**. The contract, in part, supports a residency program for youth in the Office of Juvenile Affairs custody. The residency treatment program utilizes 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 **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*FY07 Cedar Canyon Skills Center*” in the amount of **\$50,000**. The contract, in part, supports an on-site Vocational instruction program for the youth in the Office of Juvenile Affairs custody at the Cedar Canyon Adventure Program site. The primary function of this award is public service. The principal investigator of the contract is ***Dr. Ken Rose***.

The **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Cedar Canyon Adventure Program Additional Beds FY07*” in the amount of **\$16,320**. The contract, in part, supports an increase in the number of beds at the Cedar Canyon Adventure Program site. The primary function of this award is public service. The principal investigator of the contract is ***Dr. Ken Rose***.

The **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Tenkiller Adventure Program Additional Beds FY07*” in the amount of **\$16,320**. The contract, in part, supports an increase in the number of beds at the Cedar Canyon Adventure Program site. The primary function of this award is public service. The principal investigator of the contract is ***Dr. Ken Rose***.

The **OFFICE OF JUVENILE AFFAIRS** has awarded a contract entitled: “*SWOSU Foss Lake Adventure Program Additional Beds FY07*” in the amount of **\$16,320**. The contract, in part, supports an increase in the number of beds at the Cedar Canyon Adventure Program site. The primary function of this award is public service. The principal investigator of the contract is ***Dr. Ken Rose***.

The **OKLAHOMA ARTS COUNCIL** has awarded a grant entitled: “*37th Annual Jazz Festival*” in the amount of **\$5,000**. 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 **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** has awarded a grant entitled: “*Oklahoma Giants – Exploring the Science Technology, Engineering and Mathematics of Wind and Oil Energy in Oklahoma*” in the amount of **\$32,400**. The grant, in part, supports students to gain hands-on knowledge of the capabilities of various energy fields. The primary function of this award is K-12 student training. The principal investigators of the grant are ***Mr. Jeffrey Short, Dr. John Woods, and Ms. Madeline Baugher***.

The **EXXONMOBIL FOUNDATION** has awarded a grant entitled: “*Bernard Harris Summer Science Camp 2007*” in the amount of **\$77,870**. The grant, in part, supports an academic residential camp to encourage students to pursue careers in the engineering, mathematics, science and technology fields. The primary function of this award is K-12 student training. The principal investigator of the grant is ***Dr. Wayne Trail***.

The **BERNARD HARRIS FOUNDATION** has awarded a grant entitled: “*Bernard Harris NASA Camp 2006*” in the amount of **\$39,092**. The grant, in part, supports an academic residential camp to encourage students to pursue careers in the engineering, mathematics, science and technology fields. The primary function of this award is K-12 student training. The principal investigator of the grant is ***Dr. Wayne Trail***.

LI-COR BIOSCIENCES has awarded a grant entitled: “*Li-Cor Biosciences Genomics Education*” in the amount of **\$37,603**. The grant, in part, supports the acquisition of LI-COR DNA sequencing systems and software for use by undergraduate students studying molecular biology and related fields. The primary function of this award is basic research. The principal investigator of the grant is ***Dr. Muatasem Ubeidat***.

The **NATIONAL INSTITUTE OF HEALTH** through the University of Oklahoma Health Sciences Center has awarded a grant entitled: “*NIH OK INBRE Summer Student Mentor Program – 2007*” in the amount of **\$1,500**. The grant, in part, supports biomedical research for students at an undergraduate institution. The primary function of this award is university student training and support. The principal investigator of the grant is ***Dr. Muatasem Ubeidat***.

The **U.S. DEPARTMENT OF EDUCATION** through the Oklahoma State Regents for Higher Education has awarded a grant entitled: “*KESAM 2007: K-8 Scholars Appreciating Mathematics. A Hands-On, Brains-On Journey of Excellence*” in the amount of **\$118,714**. 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***.