

SEPTEMBER 2006

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OFFICE OF RESEARCH ADMINISTRATION

WSU RESEARCH

## FOR YOUR INFORMATION

### GRANTS AND CONTRACTS TOP \$40 MILLION!!!

For the thirteenth consecutive year, faculty and staff of Wichita State University set a record for total amount of external grant and contract awards for research, training, and service projects. Awards totaled \$41.7 million; an increase of 1.5 percent compared to FY 2005. The number of awards in FY 2006 totaled 472.

### NEW ASSOCIATE VICE PRESIDENT FOR RESEARCH

Dr. J. David McDonald is Wichita State University's new Associate Vice President for Research and Director of the Office of Research Administration. Prior to his appointment, Dr. McDonald served six years as Chair of WSU's Department of Biological Sciences. He also spent years teaching in the classroom and conducting research on genetics, especially as it relates to human heritable diseases.

In his new position, Dr. McDonald is the authorized University signatory for grant proposals, contracts, and all other matters relative to sponsored research.

### UNIVERSITY-WIDE GRANT PROGRAMS

The Office of Research Administration offers four funding opportunities that may assist you in beginning or continuing your scholarly agenda. Proposals are reviewed by the Faculty Support Committee. **University Research/Creative Projects Awards (URCA)** are made up to a maximum of \$4,500 to tenured and probationary faculty for pursuit of research and creative activities during the academic year. **Awards for Research/Creative Projects in Summer (ARCS)** are stipends of \$3,000 (and up to an additional \$1,000 for other operating expenses) to tenured and probationary faculty to enable them to devote two summer months to their research or creative endeavors.

Two **Multidisciplinary Research Pro-**

**ject Awards (MURPA)** may be made, for up to \$5,000 each. They are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations, or industries. Awards may be requested for either Spring (January 1—June 30) or summer. Multidisciplinary research projects are defined as those that involve two or more investigators from different disciplines that focus different perspectives and capabilities on complex problems that intersect established areas of study.

Four **University Link Awards (ULINK)** are available at \$2,500 each for community-based research, service learning, and/or curriculum development projects. This grant program requires a partnership with one or more community or government organization(s) and a \$500 match. Funded projects are to be conducted in the period May 1–December 31. Applications are reviewed by the WSU-LINK Advisory Board.

Applications forms and guidelines for all four programs are available on ORA's website <http://www.wichita.edu/ora>. See page 5 of the Newsletter for program deadlines.

### CONFLICT OF INTEREST AND CONFLICT OF TIME AND COMMITMENT FORMS

ORA is responsible for compliance with a number of federal, state, and university regulations and policies. One of the compliance issues that must be addressed together by all faculty, staff and ORA every year is reporting on conflict of interest and conflict of time commitment. Since a faculty member's situation relative to financial interests and time commitment may change from year to year, the policy established by the Kansas Board of Regents requires that all full and part-time faculty and staff report every year. Everyone who has completed the report in a previous year can fill out the short (one page, very simple) form. Potential conflicts of interest or

time commitment that have been reported in the past have not been great in number nor serious in content. Most have been reduced or eliminated with little effect on faculty activities. You will be receiving new forms to fill out within the next few weeks. Please be sure to obtain all signatures on the long form before returning it to ORA. If you have questions about the forms when you receive them, or about the conflict of interest process, please call Dave McDonald at 3285, or e-mail him at [david.mcdonald@wichita.edu](mailto:david.mcdonald@wichita.edu).

## THE USE OF HUMAN SUBJECTS IN RESEARCH

The WSU Institutional Review Board for the Protection of Human Subjects (IRB) is charged with review of research and research-related activities involving human subjects. IRB review assures that the rights and welfare of subjects who participate in research conducted by WSU faculty, staff and students are protected and that the University is in compliance with federal requirements. It is required whether the project receives external funding, internal funding, or no funding. An application must be submitted and approved prior to initiation of a project. Requirements include a written consent form for participants and a letter of authorization from cooperating institutions, if applicable. For classroom research, written approval must be obtained from the school principal, or from an instructor when utilizing college students. For research involving secondary data analysis, there must be written agency authorization allowing access to records/files.

The application is available on ORA's website <http://www.wichita.edu/ora> or by calling ext. 3285.

## INSTRUCTIONAL MATERIALS ON HUMAN SUBJECTS RESEARCH

ORA has available copies of a 90-minute videotape series produced by the federal Office for Human Research Protections. Included are "Evolving Concern: Protection for Human Subjects", "Balancing Society's Mandates: Criteria for Protocol Review", and "The Belmont Report: Basic Ethical Principles and Their Application". For more information, call Emily McReynolds, ext. 6803.

An online course, Human Participant Protections, is available on ORA's website <http://www.wichita.edu/ora>. This free, web-based course provides information about the rights and welfare of human participants in research. Using interactive modules, updated case studies, exercises and tests, it satisfies the NIH requirements for obtaining federal research funds. The course is useful to anyone interested in research and research-related activities involving human

subjects. It is required for those conducting federally-funded research involving human subjects.

## ANIMAL CARE AND USE

The WSU Institutional Animal Care and Use Committee (IACUC) was established in accordance with federal regulations governing the use of animals in research, teaching, or training. The IACUC reviews **all** activities conducted by faculty, staff, or students of Wichita State University which involve the use of vertebrates. Proposals must be approved before animals are purchased or animal procedures begin. IACUC approval is required on most proposals to sponsoring agencies prior to submission.

The application is available on ORA's website <http://www.wichita.edu/ora> or by calling ext. 3285.

A tutorial on animal care and use is available on CD. Call Emily McReynolds (6803) for a copy.

*WSU has an AAALAC-accredited animal program and vivarium (animal research facility).*

## PROPOSAL ROUTING FORMS

The Office of Research Administration (ORA) will not submit your completed proposal to an agency or foundation unless you bring or send it to ORA with a fully-executed Proposal Routing Form. The Proposal Routing Form, recently updated (July 2006) can be obtained at ORA or on-line at <http://www.wichita.edu/ora>. Its purpose is to alert all units affected by the proposal (department, college, and ORA) of the commitments that must be made if a grant is awarded. ORA will insist upon the completion of the Proposal Routing Form before the proposal itself can be submitted to the potential sponsor.

The best time to begin the completion of the Proposal Routing Form is when you are preparing the proposal budget with Larry Smith of ORA. The direct cost of your project, the indirect cost, and the cost sharing/matching amounts, including the percentage of time you are committing to the project and time released from teaching responsibilities must be entered on the form. Sources of cost sharing and/or grant matches must be identified in the space provided. The use of human subjects, animals, radioisotopes, and biohazards must be indicated. Finally, you, your department chair, your dean, and the associate vice president for research must sign the form, indicating that all understand and approve the cost in time and money of conducting the project. It may take a day or two to get the required signatures, so you should begin this process several days before the proposal is to be submitted.

Use only the July 2006 version of the Proposal Routing Form; please discard any old forms.

For questions concerning the Proposal Routing Form, call one of the following people in ORA:

Emily McReynolds      Ext. 6803  
Dave McDonald        Ext. 3285  
Carole Robarchek     Ext. 6806  
Larry Smith            Ext. 6801

## ELECTRONIC PROPOSAL SUBMISSION

If you intend to submit a proposal via FastLane, Grants.gov, NIH Commons, or some other electronic means, please contact Carole Robarchek (6806) as early in the planning process as possible to avoid missing a deadline. Two days in advance of the deadline is absolute minimum; NIH proposals through Grants.gov may take several days to achieve compliance. Servers at the funding agencies frequently go down for some hours on a given day, but not long enough for program managers to extend a deadline for a particular program. You may be one of many WSU submissions on a particular day; our own (and your own) computers and servers may also have problems, causing delays in uploading documents and ORA's ability to submit and electronically sign proposals.

## EXPORT COMPLIANCE

The Office of Research Administration (ORA) is responsible for reviewing all grant and project proposals for export compliance. Federal export regulations are intended to control unauthorized access to sensitive technical information as well as certain tangible items. Science and engineering programs are more likely to involve export-controlled technology or items. However, other activities such as international shipping and travel, transfer of encryption technology

or source code and communications (whether verbal, written or visual) that transfer export-controlled technical data are subject to the regulations. Most of Wichita State research will fall under an exemption for fundamental research.

ORA is responsible for implementing the university's Export Management and Compliance Program (EMCP). In August 2005, the university hired Karlen Haury as Compliance Specialist. Ms. Haury has led the department's efforts to create written policies and procedures, provide training and develop web-based resources for the program. Training has been accomplished in many of the affected departments and will continue annually. Export Compliance will be added to ORA's web page during fall semester.

For training or questions, contact Karlen Haury at x6846

## STAY ON TOP OF GRANTS ANNOUNCEMENTS

Since competition for federal funds is so keen, it's important to stay on top of what is available. On the Grants.gov site, you can register for email delivery of selected program announcements based on specific funding opportunity number, selected agencies and categories of activities, or selected interests and eligibility groups. To sign up, go to <http://www.grants.gov>.

## HELP WITH PROPOSAL BUDGETS

A rate sheet for grants and contracts is printed on page 7 of the newsletter. It features current indirect cost rates, fringe benefit rates, travel, etc. to be used in developing proposal budgets. This rate sheet updates all previously published rates.

### FY 2006 PROPOSAL/AWARD ACTIVITY

PERIOD:	7/01/06—7/31/06
# OF PROPOSALS:	61
AMOUNT:	\$9,021,850
*# OF AWARDS:	37
*AMOUNT:	\$3,344,007

\*Includes awards of proposals carried over from FY 2006.

# RECENT AWARDS

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## COLLEGE OF EDUCATION

**Ellsworth, R., Education Dean's Office**—\$8,309. Kansas Health Foundation. "Evaluation for Leadership Conference 2006".

## COLLEGE OF ENGINEERING

**Hoffmann, K., Aerospace**—\$120,000. NIS. "Quiet Interiors Development".

**Lankarani, H., Mechanical**—\$35,289. ElectroOptics Industries. "Component HIC Analysis and Testing on the Head Up Display for the MD-10 and A300 Aircraft".

**Liao, H., Industrial and Manufacturing**—\$152,044. NSF. "Collaborative Research: Design of Equivalent Accelerated Life Testing Plans Involving Single or Multiple Stresses".

**Miller, S., Aerospace**—\$2,000. Kansas NASA EPSCoR. "Executive Committee".

**Minaie, B., Mechanical**—\$150,000. NIS. "NDE Simulations of Aircraft Structure".

**Minaie, B., Mechanical**—\$100,000. NIS. "Potting Compound Strength/Density Enhancement".

**Myose, R., Aerospace**—\$4,166. KTEC. "Kansas Universities' Technology Evaluation Satellite—The MIST Mission".

**Myose, R., Aerospace**—\$20,618. Kansas NASA EPSCoR. "Kansas Universities' Technology Evaluation Satellite—The MIST Mission".

**Papadakis, M., Aerospace**—\$150,000. NIS. "Icing Tanker Spray Nozzle Characteristics and Performance Evaluation".

**Raju, K., Aerospace**—\$100,000. NIS. "Blind or One-Sided Fastener Usage in Composite Structures".

**Ravi, T., Mechanical**—\$8,333. KTEC. "Nanostructured Battery Separators for Enhanced Performance and Lifetime".

**Ravi, T., Mechanical**—\$41,237. Kansas NASA EPSCoR. "Nanostructured Battery Separators for Enhanced Performance and Lifetime".

**Soschinske, K., Mechanical**—\$130,000. NIS. "Quiet Composite Fuselage Panels".

**Soschinske, K., G., Talia and H. Lankarani, Mechanical**—\$5,000. KTEC. "Spacecraft Leakage Repair Methods".

**Steck, J., Aerospace**—\$100,000. NIS. "Integrated Vehicle Health Monitoring Requirements Definition".

**Yang, C., Aerospace**—\$150,000. NIS. "Design Philosophies for Structures Utilizing Metal and Composites with Large CTE Differences".

## COLLEGE OF LIBERAL ARTS AND SCIENCES

**Bann, J., Chemistry**—\$87,600. NIH/COBRE/KUCR. "Structure and Mechanics of CSI Pilus Assembly".

**Chaparro, B., Psychology**—\$72,000. Microsoft. "Font Legibility Research: Examining the Effects of Glyph Attributes on Font Legibility".

**Mason, B., LAS Dean's Office**—\$6,480. DHHS/PHS/UKMC. "Health Careers Pathways Satellite Program".

**Parcell, W., Geology**—\$25,000. DOE/University of Alabama. "TR Cycle Characterization and Imaging: Advanced Diagnostic Methodology for Petroleum Reservoir and Trap Detection and Delineation".

**Snyder, J., Psychology**—\$2,500. Child Care Association/Head Start. "Head Start Teacher Training: Enhancing the School Readiness of Disadvantaged Children".

## NATIONAL INSTITUTE FOR AVIATION RESEARCH

**Burford, D.**—\$200,000. NIS. "Friction Stir Welding and Related Topics".

**Tomblin, J.**—\$450,000. NIS. "Repair of Composite Structures".

**Tomblin, J.**—\$150,000. NIS. "Adhesive Joint Characterization and Testing".

**Tomblin, J.**—\$150,000. NIS. "Composite Bearing Allowable Baseline".

**Tomblin, J.**—\$479,833. KTEC. "Center of Excellence".

# CURRENT DEADLINES

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## INTERNAL

### Faculty Support Committee

University Research/Creative Projects Award (URCA)	
Tenure-Eligible Faculty in 1st and 2nd Year of Probation	OCT 09
Tenured or Probationary Faculty in 3rd (or more) Year of Probation	DEC 11
Award for Research/Creative Projects in Summer (ARCS)	OCT 09
Multidisciplinary Research Project Award (MURPA)	OCT 09

### WSU-LINK

University Link Awards (ULINK)	MAR 12
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## ARTS/HUMANITIES/INTERNATIONAL

### DAAD: German Academic Exchange Service

German Studies Research Grant	NOV 01
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### National Endowment for the Humanities

Collaborative Research Grants	NOV 01
Summer Stipends	OCT 02

### Stanford Humanities Center

External Faculty Fellowships	OCT 16
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### United States Institute of Peace

Unsolicited Grant Initiative	OCT 01
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### Weill (Kurt) Foundation for Music

Grants Program	NOV 01
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## EDUCATION/HUMAN AND COMMUNITY DEVELOPMENT

### American Honda Foundation

Grants Program (Youth, Prenatal—21)	NOV 01
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### U.S. Department of Education

Interventions for Struggling Adolescent and Adult Readers	NOV 16
Mathematics and Science Education Research	NOV 16
Postsecondary Education	NOV 16
Reading and Writing Education Research	NOV 16
Research on High School Reform	NOV 16
Special Education Research—Autism Spectrum Disorders	NOV 16
Special Education Research—Response to Intervention	NOV 16
Special Education Research—Secondary and Transition Services	NOV 16

Special Education Research—Teacher Quality & Quality of Service Providers	NOV	16
Teacher Quality—Math & Science Research	NOV	16
Teacher Quality—Reading and Writing Research	NOV	16
Technology & Media Services for Individuals With Disabilities	OCT	03

**Verizon Foundation**

Grants Program	NOV	30
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**HEALTH/MENTAL HEALTH**

**Agency for Healthcare Research and Quality**

AHRQ Health Services Research	OCT	01
AHRQ Small Research Grant Program	NOV	24

**National Institutes of Health**

Academic Research Enhancement Award (R15)	OCT	25
NIDCD Small Grant Program	NOV	15

**SCIENCE/ENGINEERING**

**American Chemical Society**

Petroleum Research Fund Programs (PRF)	NOV	30
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**Association for Women in Mathematics**

Travel Grants for Women Researchers	OCT	01
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**Kansas DEPSCoR**

Preliminary Proposal	SEP	01
Final Proposal	OCT	02

**Kansas NSF EPSCoR**

Planning and Innovations Grant	SEP	29
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**National Science Foundation**

Computer Systems Research (CSR)	NOV	10
Information & Intelligent Systems	OCT	19
Materials Research	NOV	03

**North Atlantic Treaty Organization (NATO)**

Collaborative Linkage Grants	NOV	01
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**Sigma Xi, The Scientific Research Society**

Grants-in-Aid Student Research Program	OCT	15
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**U.S.-Israel Binational Science Foundation**

Collaborative Grants Program	NOV	15
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**Wenner-Gren Foundation for Anthropological Research**

Research Grant Programs	NOV	01
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# RATE SHEET FOR GRANTS & CONTRACTS—2006

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## **INDIRECT COSTS:**

Federal Rate - On Campus (within Sedgwick County)	46.0% Modified Total Direct Costs (MTDC). The base includes all costs except purchase of equipment and subcontracts in excess of \$25,000 (the first \$25,000 of each subcontract is included in the rate).
Federal Rate - Off Campus (outside Sedgwick County not using any WSU facilities)	26.0% Modified Total Direct Costs (MTDC). The base includes all costs except purchase of equipment and subcontracts in excess of \$25,000 (the first \$25,000 of each subcontract is included in the rate).
Commercial Rate	69.1% MTDC On Campus 31.6% MTDC Off Campus

## **FRINGE BENEFITS:**

Faculty/Staff	42% for salaries of \$20,000 - \$30,000 36% for salaries of \$30,000 - \$40,000 32% for salaries of \$40,000 - \$50,000 28% for salaries over \$50,000
Students	1.2% for GRA's at 20 hrs/wk (plus \$228 per semester and \$90 per summer for insurance). 1.2% for GRA's less than 20 hrs/wk and all undergraduate students

## **TRAVEL:**

Private Car Mileage	\$ .43/mile
Lodging (Actual Lodging Expense to Maximum Amount)*	In-State \$71.00 Out-of-State \$89.00 Out-of-State High Cost \$131.00 District of Columbia and Borough of Manhattan \$146.00

**\*These rates may be increased by 50% subject to approval of the appropriate Vice President**

Per Diem (Meals)	Per quarter \$9.00 (\$36.00 per day)
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## **RADIOACTIVE/HAZARDOUS WASTES DISPOSAL FEES:**

All grants that generate radioactive/hazardous wastes must include a budget to cover the costs of disposal of these wastes. Contact Dr. Glendon Miller of the Environmental Health and Safety Office for an estimate. To expedite the process, please furnish a list of radioisotopes and hazardous chemicals, including quantities, to be purchased.

**NOTE: This Rate Sheet updates all previous published rates.**



WICHITA STATE UNIVERSITY

**Office of Research Administration**

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