

# grants & you

a publication of the Sponsored Programs department

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## Congratulations – Funded Grants

**Neal Chamberlain, PhD**, KCOM Microbiology/ Immunology, "Development of Interactive Multi-touch Multimedia iPad-friendly i-Handouts for KCOM Students," KOAA, \$1,189, Jan 2013 – Dec 2013.

**Doris Fountain, RN**, and **Barbara Stone, PT**, KCOM AHEC Program Office, "Chronic Disease Self-Management Education," a subaward through the University of Missouri-Columbia Regional Arthritis Center Prevention and Public Health Fund, \$10,500, Oct 2012 – Aug 2013.

**Patricia Sexton, DHEd**, KCOM, "Junior Faculty Scholars Track," KOAA, \$2,090, Jan 2013 – Dec 2013.

**Patricia Sexton, DHEd**, KCOM, "KCOM Bioethics Elective," KOAA, \$1,200, Jan 2013 – Dec 2013.

**\*Debra Loguda Summers**, Museum of Osteopathic Medicine, **Brian Degenhardt, DO, C-NMM/OMM, C-OFP**, A.T. Still Research Institute, "The Legacy Project," The Cranial Academy Foundation, \$7,200, Sept 2012 – April 2013.

**Yvette Thornton, RDH**, and **Michelle Gross-Panico, RDH, DHSc**, ASDOH Integrated Community Service Partnerships, "Smiles Across Pinal County," Delta Dental Foundation, \$14,918, March 2013 – Feb 2014.

## Good Luck – Pending Grants

**\*James Cox, PhD**, KCOM Biochemistry, "Mechanism of Cystatin C as an Anti-metastatic Agent," National Cancer Institute, \$388,013, Dec 2013 – Nov 2016.

**\*\*Deborah Heath, DO**, and **Inder Makin, MD, PhD**, SOMA, "Integration of Physiologic Measurements with Osteopathic Manipulative Treatment (OMT) to Foster Osteopathic Medical Students' Confidence in OMT," AACOM, \$4,935, April 2013 – Sept 2014.

**Deborah Heath, DO**, SOMA, "Integration of Real Time Non-Invasive Physiologic Measurements to Enhance Osteopathic Medical Student Learning Experience for Osteopathic Medical Treatments," John C. Lincoln Health Foundation, \$52,443, 2013-2015.

**\*Tatyana Kondrashova, MD, PhD, RDCS, RVT**, and **Joseph Novinger, DO**, KCOM Family Medicine; **John Grider, DO**, Internal Medicine; and **Jane Johnson, MA**, ATSU Research Support, "Objective Assessment of Clinical Reasoning and Diagnostic Skills Using Ultrasound Training Models," Edward J. Stemmler, MD, Education Research Fund – National Board of Medical Examiners, \$149,007, July 2013 – June 2015.

**\*\*Tatyana Kondrashova, MD, PhD, RDCS, RVT**, "Role of Ultrasound Training Models in Development of Clinical Reasoning and Diagnostic Skills in Third and Fourth Year Osteopathic Medical Students and Residents," Northeast Missouri Osteopathic Charitable Trust, \$57,669, June 2013 – July 2014.

**\*\*Kenneth Lam, ScD, ATC**, and **Curt Bay, PhD**, ASHS Interdisciplinary Health Sciences, and **Cailee McCarty, PhD, ATC**, Research Support, "Comparative Effectiveness of Ankle Joint Mobilization Versus a Self-Guided Stretching Protocol in Improving Patient-Oriented Outcomes in Patients with Chronic Ankle Instability: A Randomized Controlled Trial at the Point of Care," NATA, \$151,563, July 2013 – June 2014.

**\*\*Cailee McCarty, PhD, ATC**, ATSU Research Support, "Assessment of Healthcare Competencies in Professional Athletic Training Education," NATA, \$10,350, Aug 2013 – Aug 2014.

**\*Karen Snider, DO**, KCOM OMM, "The Effect of Table Trainer Ratios on Student Learning of Cervical Muscle Energy Techniques," AACOM, \$10,000, April 2013 – Sept 2014.

(Continued on back page.)

\*Full proposal development and support provided by the ATSU Sponsored Programs team

\*\*Limited technical support provided by the ATSU Sponsored Programs/Research Support team(s)



## Recently Released Research Grant Opportunities

The following table lists RFAs, PAs, and PARs recently released by the National Institutes of Health. If any of these opportunities are of interest to you, contact the Department of Sponsored Programs or Research Support at ext. 2860. Grant guidelines with submission deadlines and information for these and other opportunities are available via the NIH at <http://grants.nih.gov/grants/guide/index.html>.

PROGRAM TITLE	FUNDING MECHANISM	FUNDING OPPORTUNITY NUMBER / WEB LINK
School Nutrition and Physical Activity Policies, Obesogenic Behaviors, and Weight Outcomes	R21, R03, R01	<a href="#">PA-13-098</a> , <a href="#">PA-13-099</a> , <a href="#">PA-13-100</a>
Disorders of Human Communication: Effectiveness, Outcomes and Health Services Research	R01, R21	<a href="#">PA-13-102</a> , <a href="#">PA-13-103</a>
Behavioral & Integrative Treatment Development Program	R01, R34, R03	<a href="#">PA-13-077</a> , <a href="#">PA-13-078</a> , <a href="#">PA-13-079</a>
Dissemination and Implementation Research in Health	R21, R01, R03	<a href="#">PAR-13-054</a> , <a href="#">PAR-13-055</a> , <a href="#">PAR-13-056</a>
Small Grants for New Investigators to Promote Diversity in Health-Related Research	R03	<a href="#">PAR-13-074</a>
NEI Clinical Study Planning Grant Program	R34	<a href="#">PAR-13-073</a>
Support of Competitive Research (SCORE) Research Advancement Award (SC1), SCORE Pilot Project Award (SC2), and SCORE Research Continuance Award (SC3)	SC1, SC2, SC3	<a href="#">PAR-13-069</a> , <a href="#">PAR-13-070</a> , <a href="#">PAR-13-071</a>
Pain in Aging	R01, R21, R03	<a href="#">PA-13-058</a> , <a href="#">PA-13-059</a> , <a href="#">PA-13-060</a>
Interdisciplinary Complementary and Integrative Health Clinical Research Training Award	R90, T90	<a href="#">PAR-13-065</a>
NIDCD Small Grant Program	R03	<a href="#">PAR-13-057</a>
AHRQ Health Services Research Demonstration and Dissemination Grants	R18	<a href="#">PA-13-046</a>
NIDCR Small Research Grants for Data Analysis and Statistical Methodology Applied to Genome-wide Data	R03	<a href="#">PAR-13-044</a>
AHRQ Mentored Clinical Scientist Research Career Development Award	K08	<a href="#">PA-13-039</a>
NIA Clinical Trial Planning Grant Program	R34	<a href="#">PAR-13-040</a>
Development of Animal Models and Related Biological Materials for Research	R21	<a href="#">PA-13-145</a>
NCI Exploratory/Developmental Research Grant Program	R21	<a href="#">PAR-13-146</a>
Acute Kidney Injury in Older Adults	R01, R02, R21	<a href="#">PA-13-141</a> , <a href="#">PA-13-142</a> , <a href="#">PA-13-143</a>
Pilot Projects on Sports-Related Brain and Spinal Cord Injury	R21, R03	<a href="#">RFA-NS-13-014</a> , <a href="#">RFA-NS-13-015</a>
Bioengineering Research Grants (BRG)	R01	<a href="#">PAR-13-137</a>
Mechanism for Time-Sensitive Research Opportunities in Environmental Health Sciences	R21	<a href="#">PAR-13-136</a>
Mechanisms of Cellular Immunity in the Female Reproductive Tract	R01	<a href="#">RFA-AI-12-054</a>
Preclinical Innovation Program (PIP)	R01	<a href="#">RFA-AI-13-008</a>
Planning Grants for the NIH Building Infrastructure Leading to Diversity (BUILD) Initiative	P20	<a href="#">RFA-RM-13-001</a>
Planning Grants for the NIH National Research Mentoring Network	P20	<a href="#">RFA-RM-13-002</a>
NIH Directors Biomedical Research Workforce Innovation Award: Broadening Experiences in Scientific Training (BEST)	DP7	<a href="#">RFA-RM-12-022</a>
Investigator Initiated Multi-Site Clinical Trials (Collaborative R01)	R01-C	<a href="#">PAR-13-128</a>

Advancing Eating Disorders Research through Dimensional Studies of Biology and Behavior	R01	<a href="#">RFA-MH-14-030</a>
Occupational Safety and Health Research	R01	<a href="#">PAR-13-129</a>
Understanding and Promoting Health Literacy	R01, R03, R21	<a href="#">PAR-13-130</a> , <a href="#">PAR-13-131</a> , <a href="#">PAR-13-132</a>
Short-term Mentored Career Enhancement Awards in the Basic Behavioral and Social Sciences: Cross-Training at the Intersection of Animal Models and Human Investigation	K18	<a href="#">RFA-DA-14-002</a>
Regional and International Differences in Health and Longevity at Older Ages	R03, R21, R01	<a href="#">PA-13-123</a> , <a href="#">PA-13-124</a> , <a href="#">PA-13-125</a>
Mechanisms, Models, Measurement, & Management in Pain Research	R03, R01, R21	<a href="#">PA-13-117</a> , <a href="#">PA-13-118</a> , <a href="#">PA-13-119</a>
AHRQ Conference Grant Program	R13	<a href="#">PA-13-017</a>
Improvement of Animal Models for Stem Cell-Based Regenerative Medicine	R24, R01, R21	<a href="#">PAR-13-113</a> , <a href="#">PAR-13-114</a> , <a href="#">PAR-13-115</a>
Innovative and Novel Approaches toward Inner Ear Regenerative Therapies by Early Stage Investigators	R01	<a href="#">RFA-DC-13-002</a>

## ATSU INTRAMURAL FUNDING OPPORTUNITIES

REMINDER: Proposals for ATSU intramural funding programs are due April 1. If you have questions, please contact John Heard, PhD, ([jheard@atsu.edu](mailto:jheard@atsu.edu)), vice president for research, grants, and information systems.

### ATSU STRATEGIC RESEARCH FUND

This fund supports projects designed to advance the development of a strong clinical research base. These studies are needed to help provide a scientific foundation for whole person healthcare as well as to provide pilot data for obtaining external funding to support such research.

Funding considerations are based upon the disablement model, defined in the program's guidelines. Further, the disablement model encourages clinically relevant interdisciplinary research. Therefore, funding preferences will be awarded to projects which involve multidisciplinary research including at least one discipline in the proposed whole person healthcare research.

### WARNER/FERMATURO AND ATSU BOARD OF TRUSTEES RESEARCH FUNDS

The purpose of these funds is to provide initial and/or interim support for highly promising pilot research projects and for short-range continuation of existing projects for which sufficient funds cannot be immediately obtained from other sources.

Only full-time ATSU faculty are eligible for support from this fund. Investigators may request up to \$4,000 for a maximum two-year term beginning June 1. Funds may be used for identified equipment, supplies, and modest consultant fees. Travel expenses related to new training necessary for a specific project may be requested as well. A letter of intent is not required for this program.

### F. HERBERT FIELDS, DO,

### MEMORIAL RESEARCH FUND

The Fields Research Fund will support osteopathic research that investigates orthomolecular therapy, including interrelationships in the areas of nutrition analysis and therapy. Osteopathic medical students, predoctoral fellows, interns, and residents, under direct supervision and in collaboration with full-time faculty at KCOM or SOMA, are eligible to apply. Awards will be made for a one-year period beginning June 1.

## IADR Offers Oral Health Fellowships & Research Grants

The International Association for Dental Research (IADR) has ~12,000 members worldwide. Its mission is to: 1) advance research and increase knowledge for improvement of oral health worldwide; 2) support and represent the oral health research community; and 3) facilitate communication and application for research findings. IADR offers the following fellowship and award opportunities, some with current cycles and some pending future announcements:

- [IADR David B. Scott Fellowship](#)
- [IADR John Clarkson Fellowship](#)
- [IADR John Gray Fellowship](#)
- [IADR Norton Ross Fellowship](#)
- [IADR Toshio Nakao Fellowship](#)
- [IADR Research Award Options](#) – (13 categories)

Contact Sheri Herren, Awards Manager, [sherren@iadr.org](mailto:sherren@iadr.org).

## Good Luck – Pending Grants

(Continued from front page.)

\***Jean Sidwell, BSE, MALS**, AT Still Memorial Library, and **Debra Loguda Summers**, Museum of Osteopathic Medicine, “Stiletto Newspaper Digitization Project, Phase 1,” Missouri State Library, \$37,790, May 2013 – April 2014.

\***Debra Loguda Summers, Jason Haxton, MA**, and **Heather Rudy, MA**, Museum of Osteopathic Medicine, “Institutional Historic Records, Newspapers, and Textile Stewardship Project,” Institute of Museums and Library Services, \$150,000, Oct 2013 – Sept 2015.

### KCOM BIOMEDICAL SCIENCE AWARD – \$5,000

**Esitima Udonkang and Neil Sargentini, PhD**, KCOM Microbiology/Immunology, “Radiation Survival and Mutagenesis in Escherichia Coli Antibiotic Persisters.”

### Access to ATSU Research Certificate Repository

ATSU has established a repository to document which principal investigators and other research personnel have completed the NIH Financial Conflict of Interest (FCOI) training module and/or the NIH Office of Extramural Research (OER) online tutorial for Protecting Human Research Participants. ATSU personnel have access to the “Research Training Certificates” folder through your Groups Drive. Access will be particularly helpful to individuals assigned to review external grant proposals or applications to ATSU’s Institutional Review Boards. By using a central repository for these certifications, ATSU is able to monitor compliance with requirements of the new Federal FCOI. ATSU’s complete [FCOI policy](#) is posted on the University’s website.

## Ethical Oversight of Learning Health Care Systems

The Institute of Medicine (IOM) has called on health care leaders to transform their health systems into “learning health care systems,” capable of studying and continuously improving their practices. Learning health care systems commit to carrying out investigations, ranging from clinical effectiveness studies to quality improvement research and implementation science. One challenge in realizing the IOM’s vision has been lingering uncertainty about whether the data collection and monitoring central to learning health care systems is actually research and if so, what kind of ethical oversight it should have. This is not a new question. Yet so far, there has been no foundational analysis of the fit between the existing human subjects protection framework in use in the U.S. and the new kinds of data collection activities that are being, and increasingly will be, undertaken by learning health care systems.

## PCORI Announces \$350 Million in 2013 Research Funding

The Patient-Centered Outcomes Research Institute (PCORI) will commit \$350 million to patient-centered research this fiscal year by holding multiple funding cycles through five funding opportunities. Follow these links for more detailed information on each program:

- [Assessment of Prevention, Diagnosis, and Treatment Options](#)
- [Improving Healthcare Systems](#)
- [Communication and Dissemination Research](#)
- [Addressing Disparities](#)
- [Accelerating Patient-Centered Outcomes Research and Methodological Research](#)

Within its five funding opportunities, PCORI has also defined the following five topic areas in a strategic effort to add specificity to its research agenda:

- [Treatment Options for Uterine Fibroids](#)
- [Treatment Options for Severe Asthma in African-Americans and Hispanics/Latinos](#)
- [Preventing Injuries from Falls in the Elderly](#)
- [Treatment Options for Back Pain](#)
- [Obesity Treatment Options in Diverse Populations](#)

The PCORI Board of Governors has also announced the first “PCORI Challenge” to develop a patient/researcher matching system to connect partners interested in its research funding. To learn more about funding opportunities, research priorities, the application process, and deadlines, visit the [PCORI application center](#).

A [special report from the Hastings Center Report](#) fills this void. The special report leads off with two feature articles from a group of scholars led by Nancy Kass and Ruth Faden at Johns Hopkins University. In the first, *The Research-Treatment Distinction: A Problematic Approach for Determining Which Activities Should Have Ethical Oversight*, the team argues that conceptual, moral, and empirical problems surround the received view that there is a sharp distinction between the ethical oversight of clinical research and that of clinical practice. In the second, *An Ethics Framework for a Learning Health Care System: A Departure from Traditional Research Ethics and Clinical Ethics*, it proposes a new ethics framework for the integrated approach of a learning health care system. In addition to these two articles the *Hastings Center Report* provides commentaries by leaders in health care research ethics and regulatory oversight.