

grants & you

a publication of the Sponsored Programs department

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Congratulations – Funded

***Michelle Gross-Panico, RDH, DHSc, and Yvette Thornton, RDH, ASDOH**, “Smiles Across Pinal County,” Oral Health America, \$10,000, July 2013 – June 2014.

***James Lynskey, PT, PhD**, ASHS Physical Therapy, 1) “A Prosthesis to Train the Proprioceptive Capabilities of the Residual Limb of Military Personnel Recovering from Lower Limb Amputation,” \$96,445, July 2014 – Dec 2015; and 2) “An Exotendon Orthosis to Improve Mobility for Military Personnel Recovering from Combat-Related Injuries,” \$93,110, US Department of Defense – subawards through Cadence Biomedical, Inc., July 2014 – Dec 2015.

***Frederic Schwartz, DO, SOMA**, “Nationally Expanding the Teaching Health Center Highway to Keep Primary Care GME Services Relevant to Community Health – Year 1,” HRSA – subaward through The Wright Center for Graduate Medical Education, \$231,785, July 2013 – June 2014.

****Paige White**, Museum of Osteopathic Medicine, “Medicinal Garden Catalogue Publishing,” Advocates of the American Osteopathic Association – Special Projects Fund, \$250, Jan 2014 – Aug 2014.

Good Luck – Pending

***Zulfiqar Ahmad, PhD, KCOM**, “Molecular Modulation of the Catalytic Sites of Escherichia coli F₁F₀ ATP Synthase,” NIH – National Institute of General Medical Sciences, \$386,747, July 2014 – June 2017.

***Michelle Gross-Panico, RDH, DHSc, and Yvette Thornton, RDH, ASDOH**, “Smiles Across Pinal County,” Delta Dental of Arizona Foundation, \$24,995, March 2014 – Feb 2015.

***Vineet Singh, PhD, KCOM** Microbiology and Immunology, “Impact of Branched-Chain Fatty Acids on Staphylococcal Physiology, Antimicrobial Susceptibilities, and Virulence,” NIH – National Institute of Allergy and Infectious Diseases, \$387,563, July 2014 – June 2017.

***Tamara Valovich McLeod, PhD, ATC, and Bart Anderson, MS, ATC**, ASHS Athletic Training; **Curt Bay, PhD, and Kenneth Lam, ScD, ATC**, ASHS Interdisciplinary Health Sciences, “Archiving Adolescent Sport-Related Concussion Data into the Federal Interagency Traumatic Brain Injury (FITBIR) Information System,” NIH – National Institute of Neurological Disorders and Stroke, \$95,328, Feb 2014 – Jan 2015.

2013 Interdisciplinary Biomedical Research Symposium Poster Awards

Overall Winner (\$200): A Role for the Dorsal Dentate Gyrus in Color Context Pattern Separation – Nicholas Musso, KCOM OMS I (*presenter*); Raymond Kesner, PhD, University of Utah.

Outstanding Awards (\$100 each):

- **What Influence has Sunitinib had on Metastatic Renal Cell Carcinoma (mRCC) Survival?** – Paul A.J. Baillargeon, DO, KCOM '09, NERMC Resident (*presenter*); John Grider, Sr, DO, KCOM '07; Jane Johnson, MA, ATSU; Anders Messersmith, KCOM OMS III.
- **LGBTQ Acceptance in Osteopathic Medical Schools** – Jessica Lapinski, KCOM OMS II (*presenter*); Patricia Sexton, DHed, KCOM; Lauren Baker, Truman State University.
- **The Role MCPIP-1 in Maintaining Lipid Homeostasis** – Joshua Moody, BS (*presenter*), and Jessica Sedinkin, BS, KCOM Biomedical Sciences students; Yingzi Chang, MD, PhD, KCOM.

Sigma Xi Undergraduate Winner (\$200): Differential Expression of nNOS Isoforms across Skeletal Muscle, Heart and Brain Tissue of Wild-Type Mice – Nelson Ugwu, Truman State University (*presenter*); Joanne Garbincius and Daniel Michele, PhD, University of Michigan.
See <http://iconnect.atsu.edu/?p=11591> for more details.

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

**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 Sponsored Programs or Research Support at ext. 2860. Grant guidelines and submission deadlines for all active NIH funding opportunities are available at: <http://grants.nih.gov/grants/guide/index.html>.

PROGRAM TITLE	FUNDING MECHANISM	FUNDING OPPORTUNITY NUMBER / WEB LINK
Exceptional Unconventional Research Enabling Knowledge Acceleration (EUREKA) for Neuroscience and Disorders of the Nervous System	R01	RFA-MH-14-214
Discovery of Molecular Targets for Pregnancy-Related/Induced Diseases and Development of Therapeutics to Prevent/Treat These Diseases	R01	PAR-13-389
Evaluation and Administration Coordinating Center for the Low-Cost, Pragmatic, Patient-Centered Randomized Controlled Intervention Trials	R01	RFA-HL-14-020
Biomarkers for Diabetes Complications – Non-Invasive Measures in the Eye	DP3	RFA-DK-13-027
NINDS Research Education Programs for Residents & Fellows in Neurology, Neurosurgery, Neuropathology, Neuroradiology and Emergency Medicine	R25	PAR-13-384
Developmental Origins of Health and Disease (DOHaD): Epigenetic Modification in Gametogenesis and Transgenerational Inheritance	R01	PAR-13-385
Blood and Vascular Systems Response to Sepsis	R01	RFA-HL-14-028
Secondary Analyses of Social and Behavioral Datasets in Aging	R03	RFA-AG-14-008
Establishing Outcome Measures for Clinical Studies of Oral and Craniofacial Diseases and Conditions	R01 R21	PAR-13-379 PAR-13-380
Nutrigenetics and Nutrigenomics Approaches for Nutrition Research	R01	PAR-13-375
Modeling Social Behavior	R01	PAR-13-374
Interpreting Variation in Human Non-Coding Genomic Regions Using Computational Approaches and Experimental Assessment	R01	RFA-HG-13-013
Research Answers to NCIs Provocative Questions – Group A	R01 R21	RFA-CA-13-016 RFA-CA-13-017
Research Answers to NCIs Provocative Questions – Group B	R01 R21	RFA-CA-13-018 RFA-CA-13-019
Research Answers to NCIs Provocative Questions – Group C	R01 R21	RFA-CA-13-020 RFA-CA-13-021
Research Answers to NCIs Provocative Questions – Group D	R01 R21	RFA-CA-13-022 RFA-CA-13-023
Research Answers to NCIs Provocative Questions – Group E	R01 R21	RFA-CA-13-024 RFA-CA-13-025
NEI Translational Research Program (TRP) on Therapy for Visual Disorders	R24	PAR-13-370
Development of Assays for High-Throughput Screening for Use in Probe and Pre-therapeutic Discovery	R01	PAR-13-364
Evaluating Natural Experiments in Healthcare to Improve Diabetes Prevention and Treatment	R18	PAR-13-365
Pragmatic Research in Healthcare Settings to Improve Diabetes Prevention and Care	R18	PAR-13-366
Planning Grants for Pragmatic Research in Healthcare Settings to Improve Diabetes Prevention and Care	R34	PAR-13-367
Research on the Health Determinants and Consequences of Violence and its Prevention, Particularly Firearm Violence	R01, R03, R21	PA-13-363 , PA-13-368 , PA-13-369
Neurological Sciences Academic Development Award	K12	PAR-13-362
Nutrition and Alcohol-Related Health Outcomes	R01, R03, R21	PA-13-359 , PA-13-360 , PA-13-361
Advancing the Science of Geriatric Palliative Care	R03, R21, R01	PA-13-356 , PA-13-355 , PA-13-354

NIH Mechanism Spotlight – R03 and R15

Important note: NIH Institutes and Centers (ICs) may vary in the way they use activity codes; not all ICs accept applications for all types of grant programs or they may apply specialized eligibility criteria. Look closely at funding opportunity announcements (FOAs) to determine which ICs participate and the specifics of eligibility.

NIH Small Grant Program ([R03](#))

The NIH Investigator-Initiated Small Research Grant (R03) funding opportunity supports small research projects that can be carried out in a short period of time with limited resources. The R03 activity code supports different types of projects. The NIH has standardized the R03 application characteristics, requirements, preparation, and review procedures in order to accommodate investigator-initiated applications.

Key Features:

- Project period limited to 2 years (non-renewable)
- Direct costs limited to \$50,000 per year
- One resubmission (A1) is allowed
- Preliminary data not required
- See parent FOA: [PA-13-304](#)

Projects:

- Pilot or feasibility studies
- Collection of preliminary data
- Secondary analysis of existing data
- Small, self-contained research projects
- Development of new research technology

Application Deadlines:

	New Proposals	Renew/Resubmit
Cycle I	February 16	March 16
Cycle II	June 16	July 16
Cycle III	October 16	November 16

PA Expiration: September 8, 2016

NIH Academic Research Enhancement Award (AREA) Program ([R15](#))

The purpose of the AREA program is to stimulate research in educational institutions that provide baccalaureate or advanced degrees that have not been major recipients of NIH support. AREA grants create opportunities for scientists and institutions which may otherwise be unlikely to participate extensively in NIH research programs. ATSU investigators have been more successful under the R15 than any other NIH mechanism in recent years.

Key Features:

- Project period limited to 3 years (renewable)
- Direct costs limited to \$300,000 for entire project period
- Preliminary data not required
- See parent FOA: [PA-13-313](#)

Projects:

- Support meritorious research
- Expose students to research
- Strengthen the research environment of the applicant institution

Application Deadlines:

Cycle I	February 25
Cycle II	June 25
Cycle III	October 25

PA Expiration: September 8, 2016

Required Application Instructions

It is critical that applicants follow the instructions in the SF424 (R&R) Application Guide, except where otherwise instructed within the FOA or *NIH Guide for Grants and Contracts*. Conformance to all requirements (both in the Application Guide and the FOA) is required and strictly enforced. When differences exist, the program-specific guidance takes precedence over the Application Guide.

Applications that do not comply with these instructions may be delayed or not accepted for review.

Interprofessional Education (IPE) Collaborative Case Competition 2013 Dr. William McKinney Awardees

1st Place: Mimi Bankiewicz, D1; Christine Burris, AuD, '15; Bethany Galbraith, OT, '16; and Josie Harding, AT, '15.

2nd Place: Pam Barnes-Palty, psychology student, Argosy University; Jennifer Garbarini, AuD, '16; AJ Hortin, PT, '15; Amanda Peterson, OT, '15; and Michelle Smith, nursing student, Grand Canyon University.

3rd Place: Jeremy Berger, OMS II; John Crum, psychology, Argosy University; David Lifferth, D2; Caroline Lindsey, AuD, '16; and Katherine Rolston, OT, '16.

For more information on the IPE Collaborative Case Competition go to <http://iconnect.atsu.edu/?p=11556>.

2014-2015 NIH Medical Research Scholars Program Now Open!

Application Deadline: January 15, 2014

The Medical Research Scholars Program (MRSP) is a comprehensive, year-long research enrichment program designed to attract the most creative, research-oriented medical, dental, and veterinary students to the intramural campus of the NIH in Bethesda, MD. Student scholars engage in a mentored basic, clinical, or translational research project on the main NIH campus, or at a close-by NIH facility that matches their research interest and career goals.

The program is designed for students who have completed their core clinical rotations but does not exclude students with strong research interests from applying prior to having completed their clinical rotations.

For additional information visit:

<http://www.cc.nih.gov/training/mrsp/index.html>



**Heritage College
of Osteopathic Medicine**

CALL FOR ABSTRACTS

Deadline: January 31, 2014

4th Annual Ohio Osteopathic Symposium Regional Poster Competition & Exhibition *Saturday, April 26, 2014*

Students, interns/residents, faculty, practicing physicians, and medical administrators are eligible to exhibit. Only osteopathic students, interns, and residents are eligible for the competition/prizes.

- Categories:**
- Biomedical/Clinical Research
 - Case Reports
 - Health Policy/Educational issues
(restricted to faculty/administrators)

Prizes Awarded:

\$1,000 (first place) – \$500 (second place)

For details, contact: Karen Collins, MPA

740-593-2322

collinsk3@ohio.edu

<http://www.ohiocore.org/research>

aacomTM AMERICAN ASSOCIATION OF
COLLEGES OF OSTEOPATHIC MEDICINE

REMINDER:

AACOM RESEARCH GRANTS PROGRAM

Due February 14, 2014

The AACOM Research Grants Program provides topic-specific medical education research and institutional research grants. While collaborative, multi-institution research studies are most appropriate for each year's topic areas, the grant could support a pilot study or serve as the basis for seeking matching funds at individual institutions.

Topics related to workforce issues – such as the implications of the expansion of osteopathic medical colleges, branch campuses, additional teaching sites, and class sizes – are of increasing interest.

Researchers are invited to request up to \$10,000 for collaborative research projects or up to \$5,000 for single campus research of smaller collaborative studies.

Grants will be for an 18-month period and are not renewable. Quarterly financial statements and a final summary are required at the end of the grant period.

Applicants must be educators at colleges of osteopathic medicine, including OPTI programs.

Priority will be given to projects that provide the potential for inter-institutional collaboration. Proposals with specific, feasible strategies for continuing or sustaining the project/activity beyond the grant period will also be given preference.

More information located at www.aacom.org.

*Interested ATSU investigators are asked to notify the
Sponsored Programs team of intent to apply by:*

January 6, 2014

If I were a medical man, I should prescribe a holiday to any patient who considered his work important.

–Bertrand Russell

 **Happy Holidays!** 