

RESEARCH NEWS

A bi-monthly newsletter brought to you by the UAMS Division of Research
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[Refining the NIH Definition of a Clinical Trial](#)

The new definition has not changed and still requires 4 questions be answered to determine if a study meets the definition. However, starting January 25, 2018, researchers must choose and submit to the correct funding opportunity (i.e., clinical trials allowed or not allowed).

[Assuring the Integrity of Peer Review - Responsibilities and Consequences](#)

NIH reminded all participants in the NIH peer review process of the ethical behaviors needed to maintain the integrity of the process." [Mike Lauer, MD, NIH deputy director](#) for extramural research explained "there has been a breach in the integrity of the panel review process." As a consequence, dozens of applications will have to be re-reviewed.

[Scientists Continue to Use Outdated Computational Methods](#)

Apparently, out-of-date computational tools have become embedded as bad scientific habits. In a recent *The Scientist* article, anecdotal evidence as well as recent research into the problem, suggests that the use of obsolete software is common in the biological sciences and seldom seen as a problem.

[Is Reproducibility Really Central to Science?](#)

The perspectives on the reproducibility of one experiment (supporting a hypothesis) or multiple reproducible experiments supporting a single hypothesis are discussed.

[NIH "All of Us" Research Program](#)

NIH has been "beta" testing a new program and is now preparing for full recruitment to enroll >1 million people in the U.S. to share information about their health, habits, and location. This information will be available for scientists' use to accelerate research and improve health. By studying individual differences in lifestyle, environment, and biology, researchers will be able to hone and apply precision medicine.

[FDA Provides Guidance on 3D Printing of Medical Products and Medical Devices](#)

More than 100 medical devices currently on the market were manufactured on 3D printers. These include patient-matched devices tailored to fit a patient's anatomy (e.g., knee replacements and implants designed to fit like a missing puzzle piece). Soon, burn patients will be treated with their own new skin cells that are 3D printed directly onto their burn wounds. The FDA is advancing policy to manufacturers and seeks to put state-of-the-art medical products into the hands of patients and health care providers.

[Student Research Day \(SRD\) - March 6, 2018](#)

The SRD abstract submission deadline was February 1, 2018. Remember, posters must be 24"x36" this year and are paid for by the Div. of Research. Use this [link](#) to submit SRD posters for Creative Services printing. For more information and poster session

schedules, see the [SRD webpage](#). If you are in honors research or interested in the 3MT program, contact the graduate school office.

[Research Support Information Network \(RESIN\)](#)

The next RESIN meeting is at noon, February 6, 2017 in the Walton Auditorium on the 10th floor of the Winthrop P. Rockefeller Cancer Institute. Past RESIN presentations are archived [here](#).

[Up Close and Amazing – Research Staff](#)

In order to better acquaint faculty with various research support folks and their jobs, a research staff person is highlighted on the Research website [here](#). This month, Up Close & Amazing focuses on Research Program Manager – Melissa Gunnell.

[Ask Me About My Research](#)

Researchers are often called upon to explain their work to the lay public, friends, neighbors, donors, state representatives and even the person in the next seat on a flight to/from a conference or study section. So, it's important to be able to highlight your work in 2-3 minutes and increase awareness of your exciting research. Along with an easy formula (see link above), campaign style buttons with *Ask Me About My Research* are available for all UAMS researchers. Contact Linda Williams, ldwilliams@uams.edu to get yours.

CONGRATS TO:

Just a reminder that UAMS Research grants received are listed on the research.uams.edu website. Look under the **Grants & Funding** tab and pull down - [Grants Awarded](#). Listed by Principal Investigator and College/Dept., the page is updated with the previous month's awards by the 15th of each month.

Please send research news to Linda Williams, ldwilliams@uams.edu

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