

THE RESEARCH REVIEW

School of Medicine Quarterly Newsletter

Issue No. 11

RESEARCH-FOCUSED

"Research is seeing what everybody else has seen and thinking what nobody else has thought."

- Albert Szent-Györgyi

NEW NIH AWARDS

IN THIS ISSUE

**NEW NIH AWARDS:
MAR-MAY 2025**

**OTHER NEW AWARDS:
MAR-MAY 2025**

NEW IN RESEARCH

 **NEED MORE INFO?**

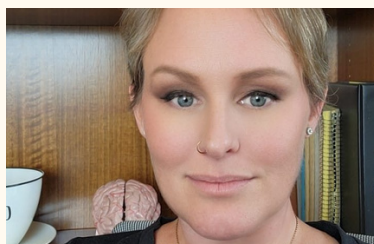
For more information on School of Medicine research opportunities and policies visit our web page [HERE](#).



PI: Dr. Hilary Marusak-Psychiatry & Behavioral Neurosciences



PI: Dr. Leslie Lundahl-Psychiatry & Behavioral Neurosciences



PI: Dr. Christine Rabinak-Pharmacy Health Sciences

CANNABIDIOL-ENHANCED COGNITIVE BEHAVIORAL THERAPY FOR GENERALIZED ANXIETY DISORDER

Award Number: 1R61MH137105-01A1

The long-term objective of this R61/R33 is to evaluate cannabidiol as a "cognitive enhancer" to increase efficacy of cognitive behavioral therapy (CBT) for generalized anxiety disorder (GAD). Emotion regulation difficulties, particularly a diminished ability to manage negative emotions, are central to the development of GAD and other anxiety disorders, which are linked to irregularities in prefrontal brain regions. However, despite the general effectiveness of CBT, nearly half of all patients do not show significant improvement. The objective of this project is to test the novel hypothesis that the combination of CBD + cannabidiol will result in greater reductions in GAD symptoms severity compared to CBT alone, and this effect will be associated with increased dmPFC activation during an emotion regulation task.

NEW NIH AWARDS CONTINUED

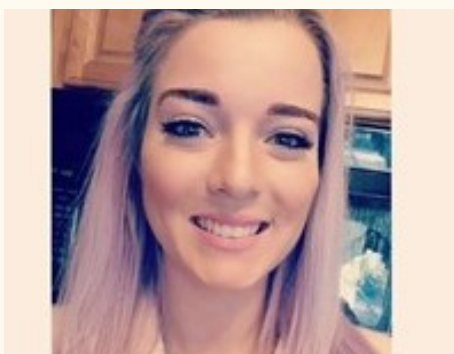


PI: Dr. Elizabeth Berger - Ophthalmology, Visual and Anatomical Sciences

RESTORATION OF STRUCTURE AND FUNCTION IN THE DIABETIC CORNEA

Award Number: 1R01EY035494-01A1

Diabetes is the leading cause of adult-onset blindness with majority of patients presenting with some level of diabetes-induced corneal complications. Yet there remains a significant lack of available treatments. The current proposal not only markedly advances our understanding of disease pathogenesis, but provides pre-clinical data supporting the development of promising, novel therapy for human treatment of this visually disruptive condition.



PI: DruAnne Maxwell - Physiology

UNCOVERING THE MOLECULAR SIGNATURE OF PFAS MIXTURES ON PRECONCEPTION MALE REPRODUCTIVE HEALTH

Award Number: 1R01AG089566-01

Infertility affects 16% of U.S. couples, posing a significant reproductive health challenge. Spermatogenesis involves complex epigenetic processes and interactions with epididymosomes, allowing sperm to adapt through epigenetic changes. This proposal seeks to understand the impact of PFAS exposure on male reproductive health and offers valuable training in bioinformatics and toxicology for environmental and reproductive health research.



PI: Dr. Joshua Heyza - Pharmacology

MOLECULAR REGULATION OF DOUBLE-STRAND BREAK REPAIR BY MDC1

Award Number: 4R00GM149942-03

DNA double strand breaks (DSBs) pose critical threats to genomic integrity and stability. One critical protein that facilitates DNA DSB repair is the DNA damage response protein, MDC1. These studies will reveal a new model for how DSB repair is regulated by MDC1 which will provide critical insights into how genome integrity is maintained in human cells.



SOM RESEARCH FACTS

The SoM award total through March 2025 as vetted by Sponsored Program Administration is \$82,980,303.

We also compared the number of proposals submitted and the number of awards received for 2024 to this year, see below for the figures.

Proposals

vetted through February 2025

2024 \$254,307,172/277 submitted
2025 \$289,434,899/293 submitted**

***Please note that awards March through May for 2025 have not yet been made available by SPA.*

Awards

vetted through March 2025

2024 \$71,620,718/206 awarded
2025 \$82,980,303/209 awarded**

***Please note that awards April through May for 2025 have not yet been made available by SPA.*

Note:

We strive to include all new awards for the quarter in the newsletter. However, if you wish to guarantee the mention of your award, please don't hesitate to send the details to us at WSU-RAS@wayne.edu

OTHER NEW AWARDS

DHD RYAN WHITE PART A ADULT CLINIC OAHs AND EIS

PI: Dr. Gretchen Newman-Department of Internal Medicine-25Y6P

DHD RYAN WHITE PART A ADULT HIV CLINIC

PI: Dr. Lauren Toulegrou-Department of Internal Medicine-25Y6R

DHD ENDING THE HIV EPIDEMIC A PLAN FOR AMERICA

PI: Dr. Gretchen Newman-Department of Internal Medicine-25Y6Q

RYAN WHITE PART A - ENDING THE HIV EPIDEMIC

PI: Dr. Eric McGrath-Department of Pediatrics-25Y7F

DHD RYAN WHITE PART A: PSS AND OAHs

PI: Dr. Eric McGrath-Department of Pediatrics-2408P

TARGETING TUMOR-SPECIFIC SIALOPROTEIN EPITOPE FOR PRECISION DELIVERY TO INTRA-PERITONEAL OVARIAN TUMORS

PI: Dr. Ayesha Alvero-Department of Obstetrics and Gynecology-25Y7I

AGGRESSIVE COLORECTAL CANCER SUBTYPES AND SOCIAL DISADVANTAGE IN A RACIALLY DIVERSE COHORT

PI: Dr. Kristen Purrington-Department of Oncology-25Y4Y

MDHHS: HARM REDUCTION SUPPORT MATCH

PI: Dr. Andrew King-Department of Emergency Medicine-23U57

2025 EXPANSION OF THE WSUSOM AMIGOS MEDICOS FREE CLINIC TO IMPROVE COMMUNITY HEALTH EQUITY IN SW DETROIT

PI: Dr. Eliezer Gomez-Department of Family Medicine-25Y86

FUNCTIONAL GENOMICS OF GXE IN CARDIOVASCULAR DISEASE: BPA, PHTHALATES AND THEIR INTERACTIONS WITH GENE REGULATION

PI: Dr. Roger Pique-Regi- Center Molecular Medicine/Genetics-25Y96

START HERE: ADDRESSING SOCIAL DETERMINANTS OF HEALTH BY EXPANDING ACCESS TO COMMUNITY RESOURCES FOR MOTHERS AND CAREGIVERS OF NEWBORNS

PI: Dr. Meghan Dwaihy-Department of Pediatrics-25Y7A

NEW IN RESEARCH

NIH Centralizes Peer Review

NIH recently announced plans to centralize peer review of all applications for grants, cooperative agreements and research and development contracts within the agency's Center for Scientific Review (CSR) [NIH Centralizes Peer Review](#) | [NIH Record](#)

NIH Grants and Funding Information Status

Please bookmark the NIH Grants and Funding Information Status page in order to stay up to date on policy and process changes. [NIH Grants and Funding Information Status](#) | [Grants & Funding](#)

DOE Granted Temporary Restraining Order

The U.S. District Court for the District of Massachusetts has granted a temporary restraining order to the Department of Energy (DOE) which issued a directive requiring universities to accept a 15% F&A. The DOE stated that any university refusing to accept the rate would have all active DOE grants terminated. WSU will continue monitor the outcome and provide updates when available.

Common Forms for Biographical Sketch

NIH has delayed the requirement of the use of Commons Forms until further notice. NIH applicants and recipients can continue the use of the current Biosketch and Other support documents. <https://grants.nih.gov/policy-and-compliance/implementation-of-new-initiatives-and-policies/common-forms-for-biosketch>

NSF Temporarily pausing Indirect Cost Implementation

A complaint was filed in the District Court of Massachusetts for NSF's announcement on 5/2/25 to cut indirect costs to 15% and as a result NSF is temporarily pausing implementation of the new 15% Indirect Cost Rate. WSU will continue to monitor the outcome and provide updates when available [Policy Notice: Implementation of Standard 15% Indirect Cost Rate](#) | [NSF - National Science Foundation](#)

New NIH Foreign Subaward Structure

Effective 5/1/25 NIH has revised it's policy and will no longer allow foreign subawards to be embedded within primary awards, they must be structured as a subproject linked to the prime award. NIH expects the implementation of the new award structure by no later than 9/30/25. [NOT-OD-25-104: Updated NIH Policy on Foreign Subawards; New NIH Foreign Subaward Structure Enhances Integrity, Accountability, Oversight, and National Security of NIH Funded Research](#) | [Grants & Funding](#)

Updated NIH Processes for No-Cost Extensions

NIH has updated the process for requesting the first no cost extension. They are temporarily disabling the NCE functionality in ERA Commons and it now must be submitted as a prior approval request in ERA Commons by SPA. <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-25-110.html>

(NRSA) Stipends, Tuition/Fees and Other Budgetary Levels Effective for Fiscal Year 2025

2025 NRSA Stipends, Tuition/Fees and Other budgetary level are now available [NOT-OD-25-105: Ruth L. Kirschstein National Research Service Award \(NRSA\) Stipends, Tuition/Fees and Other Budgetary Levels Effective for Fiscal Year 2025](#)

Notice of Early Expiration of Notices of Funding Opportunities

NIH has issued a notice detailing the Early Expiration of Funding Opportunities, the notices will expire at the end of the current application cycle date of 5/24/25. [NOT-OD-25-113: Notice of Early Expiration of Notices of Funding Opportunities Related to the Simplified Review Framework for NIH Research Grant Applications](#)

Federal Funding Updates Under New Administration

As federal agencies and sponsors make changes or notify us of updates to specific projects, Sponsored Program Administration (SPA) will keep you informed with guidance, updates, and relevant resources to help you navigate these changes. We will also reach out with tailored guidance on the necessary steps for your project.

Read the full announcement [here](#)

