



# The Research Recap

NOVEMBER 2022 Office of Research & Sponsored Programs Vol. 2, Issue 3



## News & Updates

### Building Partnerships

Last month, the Woodlands Area Economic Development Partnership (TWAEDP) co-hosted a breakfast meeting with Sam Houston State University's Office of Research & Sponsored Programs for a special introduction to the team who is focused on fostering private and public partnerships, and developing educational activities and funded projects for its student body.



(L-R) SHSU Major General (ret.) David Glaser, SHSU Associate VP of Research Chad Hargrave, SHSU Coordinator of Strategic Partnerships Jonathan Thomas, SHSU Director of Research Clayton Cottle, SHSU President Alisa White, and TWAEDP CEO Gil Staley.

Those in attendance also heard from Eric Adolphe, CEO of Forward Edge AI, who shared his personal experience partnering with SHSU and offered tips for success on leveraging the institution's available resources.

[Click here](#) to learn more, or contact the [TWAEDP office](#) to help you get connected.

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## Halo External Opportunities

Halo, a free partnering platform where scientists can connect directly with companies for funding and research collaborations, has 16 active partnering opportunities for researchers and startups. These partnering opportunities encompass many research areas within agriculture, packaging and food science, with partners including PepsiCo, Bayer, Ginkgo Bioworks, Altium, Amcor and others. Funding for current opportunities ranges up to \$100,000 (with potential follow-on) and all sponsors will support awardees with advancing their technologies.

The deadline to submit a short proposal is **November 30**. Proposals on Halo are ~500 words and take less than 45 minutes to complete. More information on all current opportunities can be found [here](#).

## Funding Search Update

Effective October 31, 2022, we will no longer have access to PIVOT for fund searches. We are actively working to find an alternative funding search engine that best aligns with the University's mission and vision. In the meantime, if you need any help conducting funding searches, or have further questions, please reach out to our Proposal Development team at [grantproposaldevelopment@shsu.edu](mailto:grantproposaldevelopment@shsu.edu).

If you have a suggestion for a search engine to consider, feel free to reach out.

## Federal Updates

[The Normandy Group, LLC](#) provides our team with updates on the general activity of the political arena in Washington, D.C., to better understand the changes in the funding landscape. If you are interested in last month's updates, you can read them [here](#).

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# Research Spotlight

## CUR Releases 2022 STR Program Participants

Congratulations to the SHSU teams who were selected by [The Council on Undergraduate Research \(CUR\)](#) to be a part of the 2022-23 Scholars Transforming Through Research (STR) Program. There were only 75 teams selected from across the country. The STR Program is a competitive application-based professional development opportunity for teams consisting of a campus representative and one to two undergraduate students. These teams will participate in a 6-month program aimed at developing their communication and advocacy skills which will empower them to convey the power of the high-impact practices of undergraduate research, scholarship, and creative inquiry experience to diverse stakeholder groups.

The following 3 teams from SHSU attended the kick off two-day training event in Alexandria, VA.

- Kelbi Delaune, Kate Chandler, Nate Rodriguez
- Amanda Scarbrough, Diana Olivares
- Mariah Jade Zimpfer, Brooke Brown



After the initial in-person training, there will be various check in points between November 2022 and March 2023, scheduled advocacy meetings with representatives, and a Virtual Spring Showcase happening up until April 2023.

## NSF MRI Collaborators Needed

We are assisting two faculty PIs with preparing a grant proposal to the NSF's [Major Research Instrumentation Program \(MRI\)](#). Both are identifying faculty or staff that have a need for specific research instruments. If you or someone you know could use this equipment in their research program, please reach out to [Dr. Dmello](#) or [Dr. Villalta-Cerdas](#).

Dr. Jared Dmello from the Department of Criminal Justice and Criminology is preparing a grant proposal to purchase additional **high-performance computing (HPC) capacity** at SHSU.

Dr. Adrian Villalta-Cerdas from the Department of Chemistry, is preparing a grant proposal to purchase an **Ultra-high-performance liquid chromatography (UHPLC) system connected in sequence to a diode-array detector (DAD) and an LTQ electrospray ionization MS detector**.

## Invasive Species

A few weeks ago, Dr. Ashley Morgan-Olvera traveled to Georgetown, TX to speak with the members of the [District 5 Garden Clubs](#) about invasive species in their area. Dr. Morgan-Olvera's presentation highlighted the Texas Invasive Species Institute (TISI)'s research efforts, and informed the members how to report sightings of invasive species through their website [texasinvasives.org](#). There were about 70 attendees from counties all over Central Texas. She was joined by her husband and baby Estelee.



## Grant Submissions

We appreciate SHSU faculty, staff, and students for their proactive approach in the search for new knowledge and for consistently demonstrating their concern about the world in which we live; applying their findings and skills to solving many of the problems facing contemporary society.

SHSU is dedicated to supporting the discovery of new knowledge, insights, and forms of expression through innovative research and other creative activities. A big shoutout to the faculty members below, who have submitted impactful grant proposals in the last 30 days:



(L-R)

- Dr. Abbie Strunc (College of Education) submitted a \$1.6 million proposal to the [Hawkins Centers of Excellence](#) program at the US Department of Education.
- Dr. Tim Pannkuk (Department of Agricultural Sciences) submitted a \$876k proposal to the [Regional Innovation Engines](#) program at NSF.
- Dr. Iftekhar Basith (College of Science and Engineering Technology) submitted a \$588k proposal to the [Research Experiences for Teachers](#) program at NSF.

## Cayuse Modernization Awards

Sam Houston State University has received an Honorable Mention in the Cayuse Modernization Awards for improving and modernizing processes across the research life cycle for the past four years. Chief Research Officer Chad Hargrave and Compliance Specialist Sharla Miles have been recognized for their efforts in equipping researchers with a centralized solution to support our growing campus and research activities.

Congratulations and thank you to everyone who made this possible!



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## The YTD Numbers

October FY23

**Submitted:** 34 proposals for \$18,134,352

**Awarded:** 13 proposals for \$3,366,531

## October FY22

**Submitted:** 18 proposals for \$5,741,425

**Awarded:** 16 proposals for \$6,428,759

## Internal Grants FY23

**Submitted:** 62 proposals

**Requested:** \$549,780

## Internal Grants FY22

**Submitted:** 71 proposals

**Requested:** \$484,402

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## Resources

### New Collaborative Space

The ORSP has a new collaborative space! Come check out the new space located in the back of the ORSP/TRIES building (across the SHSU Police Department building, by the McDonald's on Sam Ave.)

This collaborative space is open to all students, faculty, and staff at SHSU looking for a place to work, host events and meetings, and engage with others. The space also includes an outdoor deck with couches, and patio seating, a kitchenette area, and a Mother's room for privacy.

Additional amenities are expected to be added such as digital smart boards, indoor and outdoor videogames and board games, and additional furniture and collaborative technologies. Don't forget to enjoy some snacks on us! The space stores popcorn, slushie, and cotton candy machines to be used while innovation happens.

### Hanover Budgeting Webinar

Our research partner Hanover has delivered a webinar titled *Developing Budgets and Budget Narratives*. This 40-minute training explores the overview of budget terminology and categories, keys to competitive budgeting, and effective budget planning and documents. [Click here](#) to access the webinar recording and presentation slides.

### NIH K-Awards Webinar

This one-hour webinar focuses on the K-Awards from the National Institutes of Health (NIH). This training assists new investigators who seek to conduct research related to health equity. Furthermore, it highlights the purpose and criteria for the different types of K-Awards (e.g., K01, K99), and demonstrate how these can be beneficial for enhancing your research and career trajectory. [Click here](#) to access the webinar recording and presentation slides.

## NIH Changes Coming in 2023

Beginning in January 2023, any new applications for funding with the National Institutes of Health (NIH) must now include a Data Management and Sharing Plan (DMSP). Even researchers who don't plan to share their data with others will still be required to submit a plan describing limitations which preclude sharing.

This one-hour training by SHSU Professor and Scholarly Communications Librarian Erin Owens provides an overview of what the DMSP is and how to begin developing yours. [Click here](#) to access the webinar recording and presentation slides.

## Wondering how to get started with our team?

We are always accessible, and you can begin engaging with us whenever you are comfortable. If you are still in the ideation stage or looking for funding opportunities, then reach out to our Research and Proposal Development team. If you already have a grant identified and are ready to begin the development of documents then submit a Pre-Proposal Notification (PPN) form, and we will get a team assigned to assist you in the preparation and submission.



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