



The Research Recap

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News & Updates

Cayuse SP - Upcoming Launch

Launching February 1, 2023: Cayuse SP, our new research management platform, designed to streamline and simplify the research process for our university's campus researchers. This user-friendly platform allows for improved collaboration between researchers and support staff. The new platform will serve as the university's centralized sponsored programs system, making it easier for researchers to track projects, manage proposal information, administer awards, and easily secure required internal approvals. New features will include centralized dashboards, smart form technology, task management, and many others.

Stay tuned for updates and additional resources! If you have any questions, please contact Nicole Babilya (babilya@shsu.edu; ext. 4-4685).

Congratulations Dr. Zhou!

Dr. Bing Zhou, Associate Professor and Chair of Computer Science at SHSU, received notice of an award for a National Science Foundation [CyberCorps Scholarship for Service \(SFS\) grant program](#). This award for \$3.5 million provides funding directly to students, including four cohort classes of undergraduate and graduate students with a strong emphasis on interdisciplinary cybersecurity and cyber forensics education and research opportunities for scholars. We aim at preparing 16 scholars to become leaders in the cybersecurity workforce. Important sub-goals of the project are to increase the percentage of scholars who are from underrepresented minority (URM) groups and to support transfer students from community colleges.

This project integrates significant research, extracurricular activities, extensive faculty interactions, internship and job placement that will provide students with a fertile environment of education far beyond what a student normally experiences in a classroom setting. The unique cross department collaborative environment at SHSU will immerse students in key and emerging research domains addressing the various perspectives of cybersecurity and cyber forensics challenges and will develop an interdisciplinary approach to educating and training cybersecurity workforce.

The Scholarship for Service (SFS) program will prepare students for their cybersecurity and cyber forensics education and professional careers as well as broaden cybersecurity participation of underrepresented groups by targeted recruitment efforts toward minority, first-generation, and student-veteran populations. It will enable increased interactions with other minority serving institutions thereby building networks of universities and community colleges in the region, and promote similar programs at their workplaces that will attract more students into computing, cybersecurity and related disciplines. For additional information, please visit the [SFS website](#), or contact [Dr. Bing Zhou](#).

Undergrad Research Program Hits National Stage



(L-R) Kate Chandler and Nate Rodriguez

Four Sam Houston State University students and three staff or faculty members were selected to be a part of the Council on [Undergraduate Research's \(CUR\) 2022-23 Scholars Transforming Through Research \(STR\) Program](#). The Sam students were broken into three teams, led by a campus representative, for a competitive, application-based professional development opportunity in Washington, D.C.

Kate Chandler (Class of 2023) and Nate Rodriguez (Class of 2024) comprised one team for SHSU along with campus representative Dr. Kelbi Delaune. Diana Olivares (Class of 2023) is on another SHSU team with

campus representative Dr. Amanda Scarbrough while another includes Brooke Brown (Class of 2023) with campus representative Dr. Mariah Jade Zimpfer.

The teams, selected in September, are participating in a six-month program in the hopes of developing their communication and advocacy skills in their particular fields, which will allow them to convey the power of the high-impact practices of undergraduate research, scholarship and creative inquiry experience to diverse stakeholder groups.

On top of attending a workshop in D.C., the teams spoke with stakeholders in undergraduate research including Virginian Senator Don Beyer, an outspoken proponent of undergraduate research. They also learned how to draft policy briefings to relay their information in an effective way to those who influence policy. Each month, they will participate in a different workshop and showcase. They will next learn how to properly formulate research-informed op-ed pieces and build relationships with relevant policymakers.

Departmental Meetings Kickoff

We are excited to announce the launch of our Departmental Meetings initiative next week! Led by Coordinator of Research & Faculty Development Sarah Browning, our Proposal Development team will be meeting with colleges and departments to discuss developmental trainings and resources based on the valuable feedback from her faculty needs assessment that took place last fall. If you have any questions, or need additional information about the meetings, feel free to reach out to Sarah (browning@shsu.edu; ext. 4-3876) or [schedule an appointment](#) with her.

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](#).

Research Spotlight

Grant Slam

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. On all areas, and levels of experience, we support our staff and faculty for taking that step towards innovation and change. The notion of service at SHSU is deeply rooted in its culture and reflected in the motto, "The measure of a Life is its Service."

A big shoutout to the faculty and staff members below, who have submitted impactful grant proposals in the past month:



(L-R)

- Dr. Devon Berry (School of Nursing) submitted a \$345k proposal to the [Nursing Innovation Grant Program \(NIGP\)](#) at the Texas Higher Education Coordinating Board.
- Dr. Fidel Gonzalez (Department of Economics and Int. Business) submitted a \$717k proposal to the [HSI Program Network Resource Centers and Hubs \(HSI-Net\)](#) program at the National Science Foundation.
- Dr. John Hayek (Texas State University System's Chief Academic and Health Officer) submitted a \$2.9 million proposal to the [HSI Program Network Resource Centers and Hubs \(HSI-Net\)](#) program at the National Science Foundation.

New and Early Career Faculty



(L-R)

- Dr. Emily Cabaniss (Department of Sociology) submitted a \$30k proposal to the [Programmatic Interventions to Increase Uptake of Influenza and COVID-19 Vaccination among Students Attending Institutions of Higher Education](#) program at the Centers for Disease Control and Prevention.
- Dr. Xing Liu (Department of Computer Science) submitted a \$22k proposal to the [Small Business Technology Transfer \(STTR\)](#) program at the Department of the US Air Force.

- Ms. Lacey Price (Financial Aid & Scholarships) submitted a \$70k proposal to the [Texas Transfer Grants Program](#) at the Texas Higher Education Coordinating Board.
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The Numbers

SHSU Grant Activity:

December FY23

16 proposals *submitted* for \$25,661,857

8 proposals *awarded* for \$1,129,127

December FY22

7 proposals *submitted* for \$7,468,664

6 proposals *awarded* for \$2,046,86

December FY23 (YTD)

63 proposals *submitted* for \$46,489,579

33 proposals *awarded* for \$6,781,897

December FY22 (YTD)

46 proposals *submitted* for \$18,382,046

27 proposals *awarded* for \$9,130,739

Resources

Workshops in Research Data & Scholarly Publishing

Register now for the Newton Gresham Library's spring workshops in scholarly communication! The workshops are presented by Scholarly Communication Librarian Erin Owen, and topics will include OER, data management, research integrity, where to publish, and more, with offerings for both students and faculty. For additional information, [click here](#) or contact [Erin Owens](#).

NIH Research Grants (R-Series) Webinar

The Research Grants (R-Series) are the oldest and most frequently applied-to mechanisms at the NIH. While the R01 is the most recognizable, it may not be the best option for every principal investigator. With over ten different R programs, selecting the right fit is a key element in NIH success.

In this session, Hanover Grants explores the different grant programs in the R-Series to help faculty discern which research grant is the best fit for them. The webinar will be held on January 26, 2023 at 11am CT. [Click here](#) to register and learn more.

NIH Virtual Grants Conference

Are you new to working with the NIH Grants Process? More experienced research administrator or grant writer? If so, these events are perfect for you. Don't miss these unique opportunities to learn, share and engage directly with NIH experts and your peers! Start planning your journey now by exploring the agendas, engagement opportunities, and more.

The NIH Grants Conference will be held virtually on February 1st and 2nd, 2023. Registration is free and grants you all access to the 2-day conference and resources. [Click here](#) to register and learn more.

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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