



# **Research Enhancement Assistance Program (REAP)**

## **FY 23: Year End Report**



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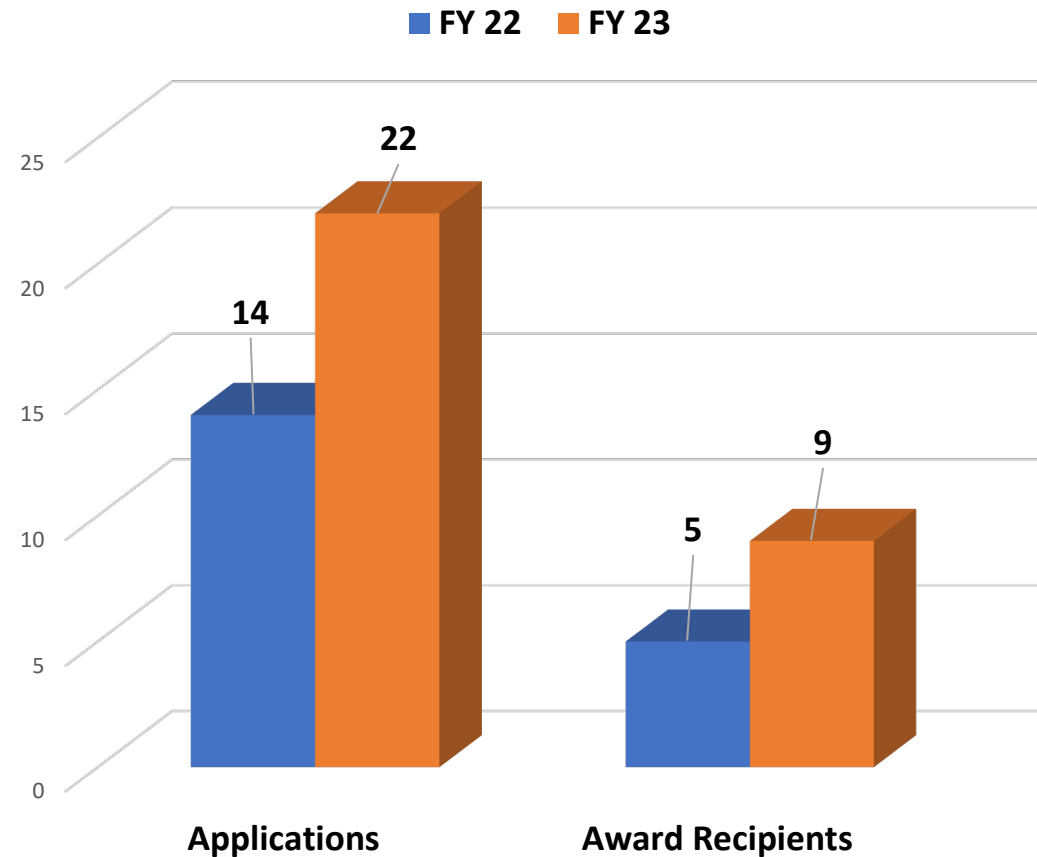
**FY 22:** REAP received fourteen applications, and **five** intramural research projects were funded by the Office of Research.

- Bridge Grants (2), Early Investigator Grants (2), Team Science Grant (1)
- **Total amount awarded in FY 22: \$309,971**

**FY 23:** REAP received twenty-two applications, and **nine** intramural research projects were funded by the Office of Research. This is a **57% increase** compared to FY 22.

- Early Investigator Grants (3), New Investigator Grants (3), Team Science Grants (3)
- **Total amount awarded in FY 23: \$784,408.20**

FY 22 & 23: Application & Award analysis





# Research Enhancement Assistance Program (REAP)

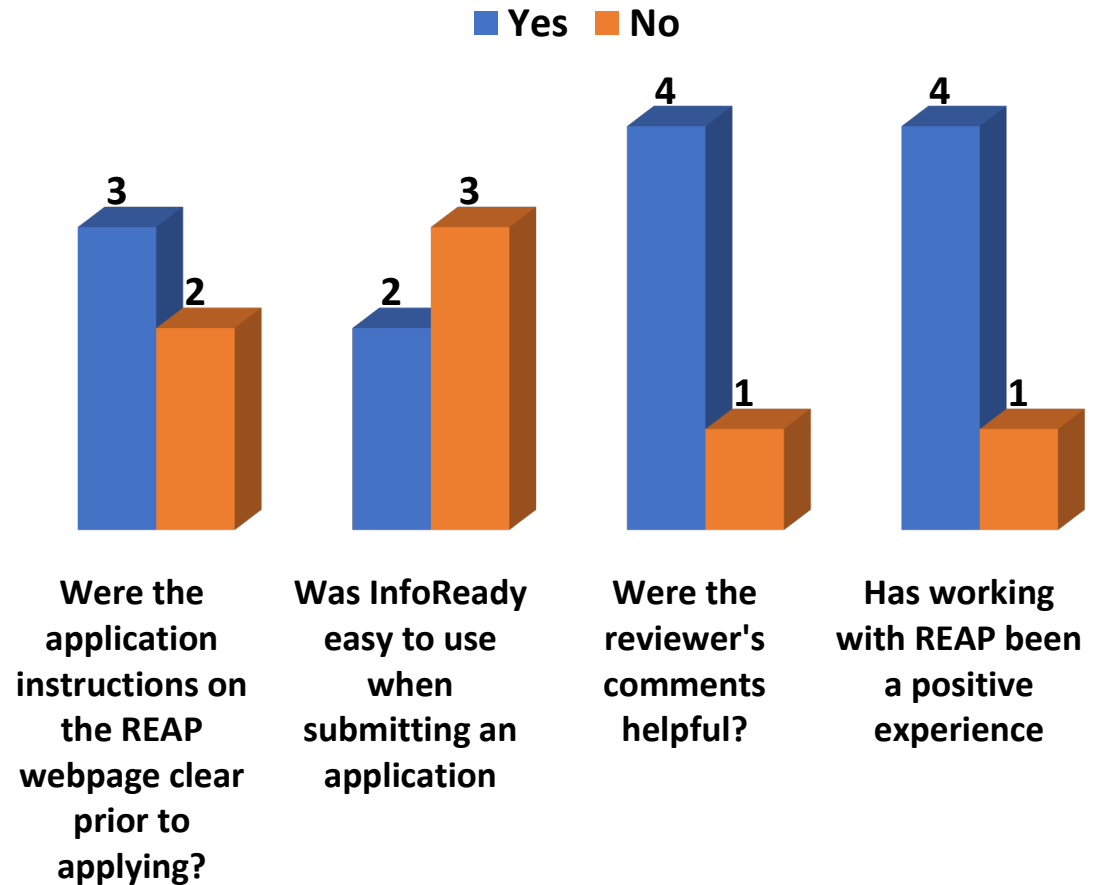
**FY 23:** REAP surveyed 15 applicants about their experience working with REAP, working with InfoReady application software, and receiving reviewer's comments.

**(40% participation rate: 5 ESI and 1 Team Science)**

The feedback was positive. Applicants acknowledged a positive experience working with REAP, the instructions on the REAP web page were clear, and most applicants found reviewer's comments helpful.

**Areas for improvement:** InfoReady was not easy for some to navigate.

Seed Grant Survey Results (Applicants)





# Research Enhancement Assistance Program (REAP)

Survey was distributed to twenty-four reviewers (internal and external); eleven reviewers participated (**46% participation rate**)

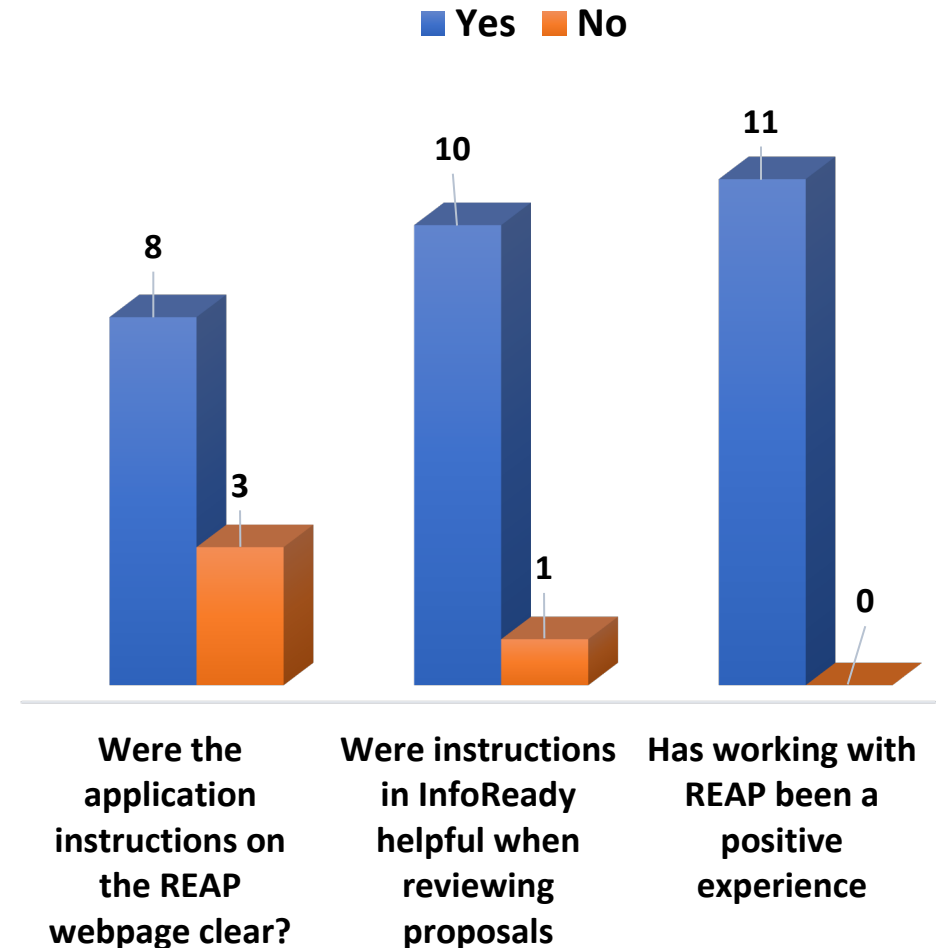
The feedback was positive. Reviewers acknowledged InfoReady was easy to use, the REAP web page clearly outlines the review criteria, and reviewers had a positive experience with REAP.

**Areas for improvement:** Some reviewers struggled navigating InfoReady.

### Additional Comments from survey participants:

- *Provide more time to review applications. With so many commitments, it would be good to have at least a month's time to review applications.*
- *I have no suggestions. As long as you have the **REAPER**, then there is no way to improve the process*
- *When reviewing there were some items that would have been helpful like an outline of what the funds could be utilized on (supplies but not personnel etc.) to help provide clarification for applicants and reviewers.*

### Reviewer's Survey Results





# Research Enhancement Assistance Program (REAP)

## FY 22: Grant Recipient Testimonials

### Bridge Grant Recipient:

*“Over past year, we collaborated with Core Facility of UNTHSC, 10X genomics, and Core Facility at UT Southwestern and obtained single cell RNA sequence data from glomerular cells of I-mfa wild type and knock out mice. We also conducted Western blot and examined the effects of knocking down I-mfa and  $\beta$ -catenin on neogenin protein abundance in glomerulus of mice. Therefore, both aims described in the Bridge Funding Program grant application have been accomplished.”*

### Major accomplishments of the Bridge Funding Program Grant

Submission of a R01 application. *“The data obtained from the Bridge Funding Program Grant support will be included into a R01 grant proposal which will be submitted in October 2023 submission cycle.”*

Submission of a manuscript. *“The data obtained from the grant support will also be included in a manuscript which is planned to be submitted in October. We will acknowledge the Bridge Funding grant in this manuscript.”*



# Research Enhancement Assistance Program (REAP)

## FY 22: Grant Recipient Testimonials (continued)

### Early Stage Investigator Recipient:

*“From the early stage investigator grant, I was able to include preliminary results in my R03 submission to make the case for a larger study. The R03 was submitted in February and was discussed and score. I received an impact score of 20 and was ranked in the 6<sup>th</sup> percentile. The proposal moves to the next round of funding in September and has a planned start date of December 1. I am working on the just in time documents and IRB for it now. At current, we have completed the data collection and are working on analysis to submit a manuscript.”*

### Team Science:

*“The TEAM Science grant has allowed us to begin to assemble a highly qualified, diverse team of basic and clinical scientists that has/will substantially strengthen translational cardiovascular synergy necessary to augment the scope and impact of research scholarship at the HSC. This along with support from the School of Biomedical Sciences along with departmental SEED grant awards further facilitates scientific collaboration required for establishing overall project synergy and ultimate future success.”*



# Research Enhancement Assistance Program (REAP)

School & Department	Investigator	FY 22 REAP Grant	Publications	Grant Submissions
School of Public Health: Health Administration & Health Policy	Dr. Stacy Griner	Early Stage Investigator	Presently analyzing data with the goal of submitting a manuscript.	R03 submitted in February 2023, received an impact score of 20 and was ranked in the 6th percentile. The proposal moves to the next round of funding in September, anticipated start date of 12/2023.
School of Biomedical Sciences: Microbiology, Immunology & Genetics	Dr. Sterling Ortega	Early Stage Investigator	No publications at this time	<b>R01 (PAR-21-038)</b> - Resubmission 11/5/2023; <b>K01 (PAR-21-234)</b> Scored 10/2021 - resubmitted in 2022 not funded <b>National Multiple Sclerosis (NMSS)</b> - Submitted but not funded – 07/19/22 <b>National Multiple Sclerosis RFA</b> Submitted but not funded – 05/2023
School of Biomedical Sciences: Physiology & Anatomy	Dr. Rong Ma	Bridge Grant	The data obtained from the Bridge grant will be included in a manuscript planned to be submitted in October. HSC's Bridge Funding grant will be acknowledged in this manuscript.	R01 grant proposal submission set for October 2023. Data from the Bridge grant will be included in this submission.
School of Biomedical Sciences: Microbiology, Immunology & Genetics	Dr. Dong-Ming Su	Bridge Grant	<a href="#">Accumulation of pTreg cells is detrimental in late-onset (aged) mouse model of multiple sclerosis - PubMed (nih.gov)</a>	NIH U01 (RFA-AI-22-060, Immunity in Old Adults) and R01 (re-submission)
School of Biomedical Sciences: Physiology & Anatomy	Dr. Johnathan Tune	Team Science (2 year grant)	<a href="#">Chronic high-rate pacing induces heart failure with preserved ejection fraction-like phenotype in Ossabaw swine   SpringerLink</a>	American Heart Association Merit Award; invited to apply but not funded.





# Research Enhancement Assistance Program (REAP)

- **Goals for FY 24:**

- Bring awareness, grow, and manage HSC's Internal Grant Funding Programs (New Investigator, Bridge and Team Science) across campus.
- Identify and communicate funding opportunities across the institution
  - Connect with faculty to learn and identify opportunities that align with their current research interest.
  - Strategize with faculty to apply for funding opportunities, increase their data set and work towards a competitive R01 application.
- Encourage faculty to utilize Research Café opportunities
  - Strengthen grantsmanship and budget skills
  - Utilize the expertise of Associate Deans of Research prior to submission
  - Return on investment with an increase in grant funding





## REAP: FY 23 Reviewer Roster

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*Thank you!*

The Division of Research and Innovation would like to thank our reviewers for dedicating their time and expertise to act as a reviewer for the FY 23 Research Enhancement Assistance Program.