



THE UNIVERSITY OF  
**TENNESSEE**  
KNOXVILLE

PRE-COLLEGE RESEARCH  
EXCELLENCE PROGRAMS

2022-2023 UTK Pre-College Programs

# AUGUST NEWSLETTER

[prep@utk.edu](mailto:prep@utk.edu)



COMBINING THE EXCITEMENT OF COMPETITION  
WITH CHALLENGES IN SCIENCE, INNOVATION, AND  
BEYOND!

Pre-College Research Excellence Programs (PREP) are research-focused programs for Tennessee middle and high school students geared to promote STEM disciplines. Participating in any of the PREP programs encourages students to pursue careers and a lifelong passion for STEM. Each program is hosted at the campus of the [University of Tennessee, Knoxville](#).

What we've been up to:

We recently concluded our busy spring season! As for the remaining portion of our summer and fall, we are working diligently to plan the rest of 2022-2023, update all of our websites, and refresh all our social media platforms. See our upcoming events below!

[Tell me more about the PREP Programs!](#)

## Upcoming Event Schedule



### Virtual Science Club

September 13, 2022 to  
February 21, 2023



### Tennessee Junior Science and Humanities Symposium

March 9-10, 2023



### Science Olympiad

Regional Competition:  
February 2023

State Competition: April  
2023



### Southern Appalachian Science and Engineering Fair

March 28, 2023

# 2022-2023 VIRTUAL SCIENCE CLUB



## 2023-2023 VIRTUAL SCIENCE CLUB

The Virtual Science Club (VSC) was designed to provide free virtual programming to assist students and teachers in the development of STEM skills, engagement in the research process, and to motivate them to enter the [Southern Appalachian Science & Engineering Fair \(SASEF\)](#)! The club is a joint venture between SASEF and The University of Tennessee, Knoxville's [Pre-College Research Excellence Programs](#).

Who is eligible to attend VSC sessions?

The club is available to all grade 6-12 students, teachers, and other sponsors of STEM programs (e.g., 4-H leaders) in the state of Tennessee and beyond.

When does the VSC meet?

The VSC meets twice per month, with a guest speaker for one session and breakout sessions by research areas for the other. The meetings are held on Tuesday nights at 7:00pm EST.

For further details including upcoming club meeting dates, registration links, information on guest speakers, and recordings of previous meetings, click on the link below!

## Virtual Science Club Schedule

Virtual Science Club (VSC) meets twice per month, on Tuesday from 7:00-8:00 PM EST. Interested in joining us for Virtual Science Club? Click on the dates to get registered for the next meeting! Click here for the full [2022-2023 Virtual Science Club Schedule](#)!



**Tuesday,  
September 13,  
2022**

Introduction to Virtual  
Science Club, SASEF and  
Club Mentors!



**Tuesday, October  
11, 2022**

Breakout Session by  
Research Area



**Tuesday,  
September 27,  
2022**

Guest Speaker



**Tuesday, October  
25, 2022**

Guest Speaker

# HENRY FRIBOURG TEACHER GRANTS

**AWARDS  
UP TO  
\$1K!**



## HENRY FRIBOURG TEACHER GRANTS

### THE TRUSTS DIVISION OF SOUTHERN APPALACHIAN SCIENCE AND ENGINEERING FAIR

**DEADLINE TO APPLY:** Monday, October 24, 2022

The Trusts Division of the Southern Appalachian Science & Engineering Fair (SASEF) has a program to encourage innovative science and engineering instructional programs and materials for science teachers in the 23 county area served by SASEF. Awards of up to \$1,000 are made. Winners will be notified in writing soon after the submission deadline, and a check issued to the teacher's school.

The purpose of the SASEF Endowment Committee is (1) to foster education in science and engineering and (2) to encourage young men and women to pursue careers in science and engineering through teacher-led educational activities in science and engineering classes.

#### 2021-22 Awards

- First Prize: \$1,000
- Second Prize: \$750

- Third Prize: \$500

PLUS, an additional nomination period (March 1 – March 31, 2023) will be provided for a \$400 prize to be awarded to a student nominated by his/her science teacher and school principal who has demonstrated an active interest in pursuing science. [Teachers who apply for materials grants will receive a student nomination form on March 1.]

### Successful Proposals

Proposals should address all items on the Trust Fund Application form. In general, successful proposals have been for:

- Purchases of science and engineering equipment/materials
- Teacher and student participation in competitions/symposia
- Teacher attendance at specific meetings for professional development

Examples of funded proposals in the past include:

- Small laboratory incubator
- Ohaus school balance
- Beakers and other plastic or glass labware
- Models for tectonic plates
- Mitosis manipulation, and biomes and ecosystems bingo
- Electronic balance
- Sterilizer
- Other general equipment needed for the science and mathematics laboratory

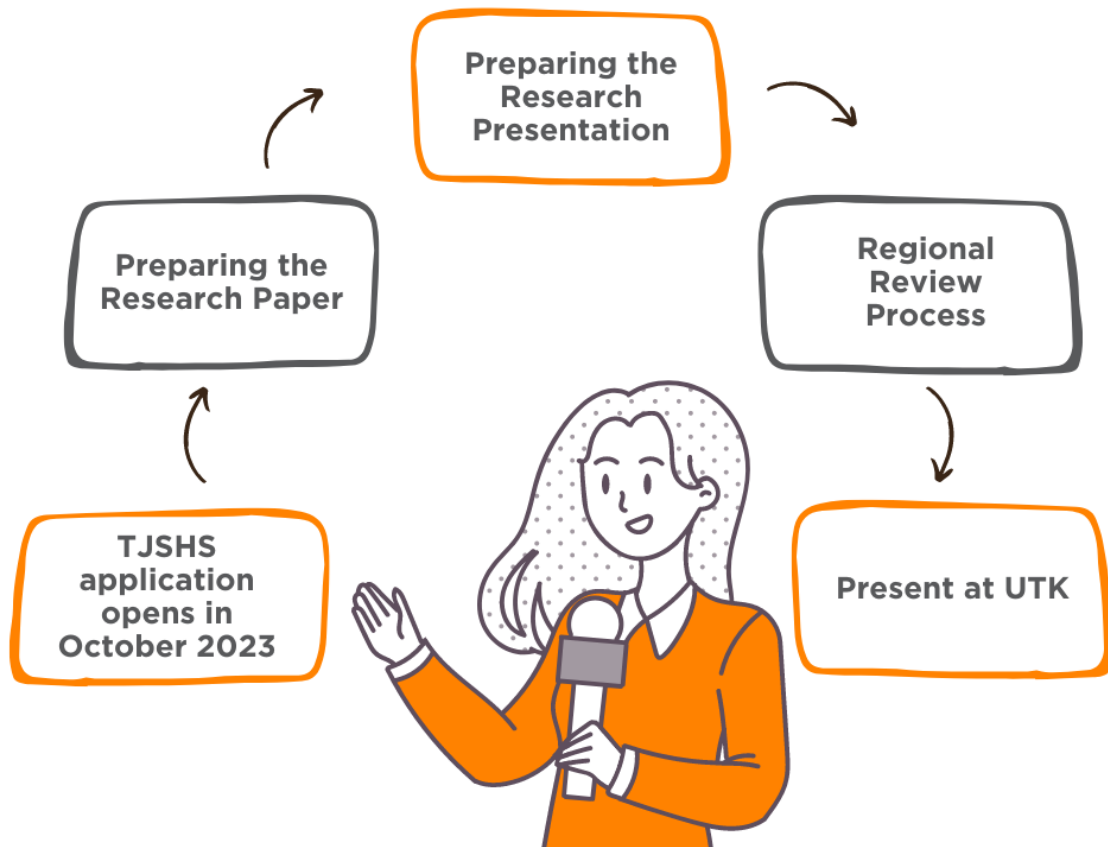
### How to Apply

Please use this [online grant application form](#) to complete and submit your proposal. In addition, a support letter from your principal should be e-mailed to Jan Coley at [coleyjan@gmail.com](mailto:coleyjan@gmail.com).

DEADLINE TO APPLY: Monday, October 24, 2022

[Click here to learn more about the Henry Fribourg Teacher Grants!](#)

# 2023 Tennessee Junior Science and Humanities Symposium



**APPLICATION DEADLINE: JANUARY 2023**

Event Dates  
March 9-10, 2023

Competition Location  
University of Tennessee Student Union  
1502 Cumberland Avenue  
Knoxville, TN 37916

## Purpose

- The Tennessee Junior Science and Humanities Symposium gives high school students a chance to present original scientific research in a public forum and compete for scholarships, while providing participants opportunities for hands-on workshops, panel discussions, career exploration, and research lab visits.

## Important Notice

- Every student, whether a presenting or non-presenting participant, must be accompanied by a teacher who has been approved by the school principal. If a student's teacher mentor cannot attend the TJSHS, another teacher from the student's school who is approved by the student's school principal may accompany the student.

## Objectives

- Promote research and experimentation in the sciences, technology, engineering, and mathematics (STEM) at the high school level.
- Recognize the significance of research in human affairs and the importance of human and ethical principles in the application of research results.
- Search out talented youth and their teachers, recognize their accomplishments at symposia, and encourage their continued interest and participation in the STEM disciplines.
- Expand the horizons of research-oriented students by exposing them to opportunities in the academic, industrial, and governmental communities.
- Increase the number of adults capable of conducting research and development.
- Provide opportunities for outstanding student researchers to present their findings orally to interested students and adults.
- JSHS aims to prepare and support students to contribute as future scientists and engineers, conducting STEM research on behalf of or directly for the Department of Defense (DOD) federal research laboratories to help advance the nation's scientific and technological progress.

[Learn more about TJSHS and how to register!](#)



# EMAIL & PROGRAM APPLICATION



## EMAIL PREFERENCES

### IMPORTANT ANNOUNCEMENT ABOUT YOUR EMAIL PREFERENCES!

*Recently we have heard reports of students and teachers not receiving registration confirmations and other important PREP emails! Please consider using a non-school email address when registering for programs to ensure that all important information is received.*

Click below to view our updated websites and social media platforms!



UTK PREP

1331 Circle Park Drive

865-974-9493

prep@utk.edu

116 Student Services Building

Knoxville, Tennessee 37996

United States

You received this email because you signed up  
for our newsletter or have previously  
participated in a PREP event.

[Unsubscribe](#)

