



## **Helpful Websites:**

- Virtual Science Fair from ISEF 2024 projectboard.world/isef
  - Explore past projects to help brainstorm ideas of your own!
- ISEF Rules Wizard ruleswizard.societyforscience.org
  - Determine what forms are necessary for your project
- OSSEF YouTube Channel ossef.okstate.edu
  - Watch videos to understand & learn how to complete the different ISEF forms

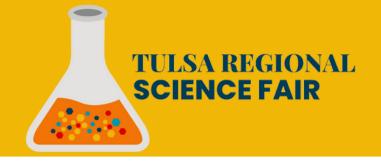
## Reasons Projects are Rejected:

- Incomplete Student Checklist (1A)
  - Must include <u>proposed</u> and <u>actual</u> start and end dates
  - o Must include a <u>detailed research plan</u>
  - Must have all <u>work site</u> information completed
- Missing signatures on required forms
- Missing additional forms for human, vertebrate animal, or hazardous agent testing (see Required and Additional Forms for more info)
- Incorrect or incomplete Abstract
  - o Must be in the proper format and must be without acknowledgments
- Does not reflect the current year's work done by the student(s)
- Does not include prior year's paperwork (for continuing projects ONLY)
  - Continuing projects, even those with a clear demonstration of significant progress, must provide prior year's research (1A and Research Plan attachment)
  - Consider the project a continuing project if prior work has been done in the same general research area

## **Tips for Success:**

- Be sure projects are entered in the appropriate category.
  - Example: a project researching the effectiveness of heart monitors should
     NOT be entered in Plant Science.
- Be sure <u>all documentation</u> is complete and thorough.
  - More detail is ALWAYS better!

Questions?
Reach out to
TRSA!





## **Need Help? Ask Tulsa Regional STEM Alliance!**

Are you working largely by yourself or without a teacher guiding your project & research? Are you uncertain of where to find materials for your project or who to ask to be your professional STEM mentor? Reach out to TRSA with your needs!

### **Request Materials**

 Materials: We can provide you with various materials, such as slides, microscopes, beakers, pipets, soldering irons, poster board, markers, and more.

#### Find a Mentor

- Expert Guidance: Connect with a professional who can offer advice and support.
- Personalized Match: Our mentors are selected based on your project's needs and interests.

Email allison.bailey@tulsastem.org to request help. Please include a description of your project and your potential needs.

### **Science Fair Office Hours:**

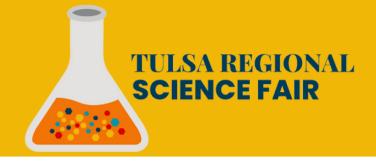
Want to connect with someone from TRSA to answer questions you have about registration, STEM Wizard, ISEF Rules, or project ideas?

Join an informal **Science Fair Office Hour**! Get the help you need to set yourself and your students up for success.

Register for an office hour at <u>tulsastem.org/trsa-events</u>. (Zoom links will be sent in your confirmation email.)

# **Science Fair Office Hours**

Nov. 14, 5:00 - 6:00 PM Nov. 19, 4:00 - 5:00 PM Dec. 3, 4:00 - 5:00 PM Dec. 12, 4:00 - 5:00 PM





## **Required and Additional Forms:**



- Checklist for Adult Sponsor (1) be sure all sections are completed
- Student Checklist (1A) be sure to include tentative and actual start dates, and end date; complete all fields
- Approval Form (1B) some research requires prior approval
- Research Plan / Project Summary be as detailed as possible; must include a bibliography



- Regulated Research Institutional / Industrial Setting Form
   (1C) completed when research is being conducted somewhere other than home, school, or field
- Qualified Scientists Form (2) must be completed before experimentation with humans, vertebrate animals, and potentially hazardous chemical and biological agents
- Risk Assessment Form (3) must be completed before experimentation with hazardous chemicals, activities, or devices; may be needed for other projects
- **Human Participants Form (4) -** IRB approval needed before recruitment or data collection
- Human Informed Consent Form must provide evidence of informed consent for research involving human participants
- Vertebrate Animal Form (5A) for projects conducted in a school/home/field research site, (5B) for projects conducted at a Regulated Research Institution, IACUC approval required before experimentation
- Potentially Hazardous Biological Agents Risk Assessment Form (6A)
- **Human and Vertebrate Animal Tissue Form (6B)** completed in addition to Form 6A when project includes the use of fresh or frozen tissue, primary cell cultures, blood/blood products, and bodily fluids

Students will upload their completed forms into STEM Wizard.
All forms MUST be completed & uploaded by the deadline: Dec. 15, 2024 by 5 PM

Tulsa Regional Science Fair is a program of:

