

### Helpful Websites:

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

### <u>Reasons Projects are Rejected:</u>

- Incomplete Student Checklist (1A)
  - Must include *proposed* and *actual* start and end dates
  - Must include a *detailed research plan*
  - 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
  - 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 (<u>for continuing projects ONLY</u>)
  - 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

## **<u>Tips for Success:</u>**

- 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!



### <u>Need Help? Ask Tulsa Regional STEM Alliance!</u>

# Joining the Science Fair can seem like a daunting task, but the TRSA is here to help you and your students in any way we can!

Unsure of who to ask to be a professional STEM mentor for your students' projects? TRSA can try to match you with a professional scientist based on their project's needs!

Email <u>allison.bailey@tulsastem.org</u> to request a connection with a mentor. Please include a description of your student's project and their potential needs.

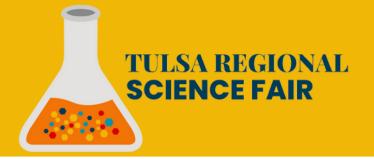
#### **Science Fair Office Hours:**

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

#### ADDITIONAL FORMS

ALL

PROJECTS

- Regulated Research Institutional / Industrial Setting Form (IC) - 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:

