



DRSEF Guide for Teachers

Fair Day Saturday February 23, 2019 at Centennial Hall, Fair Park, Dallas
Sciencenter entry deadline February 8, 2019

Background

The Beal Bank Dallas Regional Science and Engineering Fair ([DRSEF](#)) is affiliated with the Intel International Science and Engineering Fair ([ISEF](#)) and as such follows all ISEF rules and regulations. DRSEF covers [Texas Education Agency Region 10](#), and includes public, charter, private and home-school students.

DRSEF has two divisions, Junior for grades 6 to 8, and Senior for grades 9 to 12. Students can enter as an individual or as a team of 2 or 3. All team members must be from within DRSEF boundaries.

Students begin by entering the fair at their local school. Top projects from school fairs advance to district fairs then top projects from district fairs advance to the regional fair.

Each district can enter 2% of their 6 to 8th grade enrollment in the Junior Division, and 2% their 9 to 12th grade enrollment in the Senior Division at DRSEF. If there is no district fair, each school may enter a maximum of 2% of their 6 to 8th grade enrollment in Junior Division, and 2% of their 9 to 12th grade enrollment in Senior Division.

Sciencenter

Sciencenter is an online project management system used by all science fairs in Texas. The system works hierarchically from the State down to regions, districts, schools, teachers and finally students. More information is in the [Sciencenter School and Teacher's Guide](#).

Anyone with an account from the previous year can log in to reactivate the account. New teachers begin by contacting their school science fair coordinator to set up a Sciencenter account. New schools contact their district science fair coordinator to set up a Sciencenter account. If you represent a school that has never had a fair and your district does not have a fair, email DRSEF@smu.edu to sign up.

DRSEF Entry

The deadline for districts to advance their students to DRSEF is midnight on February 8, 2019. Entry to DRSEF is \$15 per student (not per project). Payments are accepted online or by mail, with payment due before fair day. Payment details are available at www.drsef.org.

Student Projects

Students need to log in to Scienceteer and complete several forms **before they begin their experiments**. Scienceteer uses the information students provide to complete forms for school fairs as well as the regional, state and international science fairs. Important forms that must be completed and approved before experimentation begins include:

- 1) Scientific Review Committee (SRC) for projects with vertebrate animals or biological agents
- 2) Institutional Review Board (IRB) for projects with human participants such as surveys

Schools with projects that require SRC or IRB review must set up their own SRC and IRB in Scienceteer and review their projects. SRC consists of at least 3 members with at least 1 being a biomedical scientist. IRB consists of an educator who is not the project teacher, a school administrator and a human risk evaluator such as a school nurse or counsellor. More information is given in the [Roles and Responsibilities](#) section of the ISEF website. Email DRSEF@smu.edu if you need assistance finding a biomedical scientist.

Projects are organized by categories with students selecting the appropriate category for their project. ISEF has a description of the [22 Categories](#) they recognize. DRSEF uses all but Animal Sciences (AMIN) and Translational Medical Science (TMED).

Fair Day

Information on check-in, Display & Safety, judging and results is available in the DRSEF Guide for Students at www.drsef.org.

Additional Information

STEM Party: Embarcadero Building at Fair Park is open from 8:30 am to 5:30 pm for students, families and guests with refreshments for sale, hands-on STEM activities and presentations.

Results: Results are posted online in the Dallas Morning News on Sunday and at www.drsef.org.

Banquets: Teachers are invited to join students who placed 1st - 4th in Category judging or received a Special Award at a formal luncheon at SMU in April. Teacher awards are presented.

Advancing: First, second, third and fourth from Category judging advance to the [Texas Science and Engineering Fair](#). Some students qualify to enter [Broadcom MASTERS](#) and to attend [Intel International Science and Engineering Fair](#).