**The Broward County Regional Science and Engineering Fair (BCRSEF)**

**February 4 -7, 2016**

**Westfield Broward Mall**8000 West Broward Boulevard, Plantation, FL 33388 Mall General Phone Number 954.473.8100

**2015-16 IMPORTANT DATES AND INFORMATION**

**January: GOOGLE Form REGISTRATION –** All projects for students who are participating in the County Science and Engineering Fair must be registered by the school coordinator through the site. Non-registered projects will ***NOT*** be allowed to display or to be judged for competition. **Google Form registration ends: January 26, 2016.  
High School Science and Engineering Fair Registration:** [**http://goo.gl/forms/DlqMcfN2vC**](http://goo.gl/forms/DlqMcfN2vC)

**Middle School Science and Engineering Fair Registration:** [**http://goo.gl/forms/NoqlGX8NAX**](http://goo.gl/forms/NoqlGX8NAX)

**Judging Registration:** [**http://goo.gl/forms/1eBXpOVkj2**](http://goo.gl/forms/1eBXpOVkj2)

**Volunteer Registration:** [**http://goo.gl/forms/hgZFqJ9KYV**](http://goo.gl/forms/hgZFqJ9KYV)

**February 4th - Thursday - Check in/Board Set-Up: 3:00pm -7:00pm**

* Give yourself extra time to stand in line for project check in, especially right after work when the crowd is heaviest.
* Projects must be inspected for display & safety inspection **after** set-up. Safety personnel will be available per category zones. See attached "Project Board Check List." For additional information, see attached "Fair Day Check List."
* Electricity will **not** be provided.

**\*Registered projects** **NOT set-up on Thursday** will not be accepted nor judged in the official Fair on Friday.

Reminder: Students are not required to set up their project. Projects may be set up by a parent, a friend or a teacher. The only requirement is that the project be checked in and set up Thursday **with a copy of all the necessary signed/completed ISEF forms** -- You can download all the Essential ISEF Forms from <http://www.floridassef.net/student/student-forms/>.

**February 5th – Friday – Judging**

1. **A copy of all ISEF forms will be collected by a committee member during judging. Failure to submit a copy of required forms may affect judging score.**
2. Electricity for projects is **not** available.  Bring a chair and something to read.
3. **No one** but judges and competitors will be allowed in the vicinity of the projects during judging hours.
4. Students are asked to be at their projects and ready 30 minutes prior to the judging time.
5. Projects without student representation will not be judged.
6. A project data book/logbook is required and research paper are not required but are highly recommended.
7. Judges will use the judging rubric found by clicking "Judging Rubric (pdf)" from the Broward STEM website (<http://stem.browardschools.com/science/science_general/science-student-competitions/science-science-fair/>).

* **Middle School Students** – Students arrive by 8:00am. Judging begins at 8:30am and concludes by 11:30am. Parents may claim their children by notifying the student’s chaperone any time after 11:30 am.
* **High School Students** – Students arrive by 12:00 pm. Judging begins at 12:30 pm until 4:00 pm. Students who provided their own transportation are not to leave Westfield Broward Mall until after 4 pm, and only with chaperone permission to be dismissed.

**Not Allowed at Project Booth**

1. Living organisms, including plants
2. Soil, sand, rock, cement and/or waste samples, **even if permanently encased in a slab of acrylic**
3. Taxidermy specimens or parts
4. Preserved vertebrate or invertebrate animals
5. Human or animal food as part of the exhibitor demonstration of the project.
6. Human/animal parts or body fluids (for example, blood, urine)
7. Plant materials (living, dead, or preserved) that are in their raw, unprocessed, or non-manufactured state (Exception: manufactured construction materials used in building the project or display)
8. All chemicals including water (Projects may not use water in any form in a demonstration)
9. All hazardous substances or devices (Example: poisons, drugs, firearms, weapons, ammunition, reloading devices, and lasers)
10. Items that may have contained or been in contact with hazardous chemicals (Exception: Item may be permitted if professionally cleaned and document for such cleaning is available)
11. 3-D Printers
12. Dry ice or other sublimating solids
13. Sharp items (for example, syringes, needles, pipettes, knives)
14. Flames or highly flammable materials
15. Batteries with open-top cells or wet cells
16. Glass or glass objects unless deemed by the Display and Safety Committee to be an integral and necessary part of the project (for example, glass that is an integral part of a commercial product such as a computer screen)
17. Any apparatus deemed unsafe by the Scientific Review Committee, the Display and Safety Committee, or Society for Science & the Public (Example: large vacuum tubes or dangerous ray-generating devices, empty tanks that previously contained combustible liquids or gases, pressurized tanks, etc.)

### Other Safety Regulations

1. Any inadequately insulated apparatus producing extreme temperatures that may cause physical burns is not allowed.
2. Any apparatus with unshielded belts, pulleys, chains, or moving parts with tension or pinch points must be for display only.
3. Society for Science & the Public, the Scientific Review Committee, and/or the Display and Safety Committee reserve the right to remove any project for safety reasons or to protect the integrity of the Intel ISEF and its rules and regulations.
4. Project sounds, lights, odors, or any other display items must not be distracting. Exceptions to this rule may be permitted for judging demonstrations. Approval must be given prior to judging.
5. No personal items or packaging materials may be stored underneath the booth.

**February 7th – Saturday – Public Viewing -** All projects will be on display for public viewing during Mall hours.

**February 8th – Sunday – Project Pickup (12:00-4:00 pm) and Meetings Announcement**

All projects that are not retrieved by 4:00 pm will be discarded by the Mall staff. Please make plans to get your projects.

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**2016 ESSENTIAL FORMS**

1. Students must submit a **copy** of all ISEF forms during judging. Each project must have the following ISEF forms:

* Checklist for Adult Sponsor (1)
* Research Plan (1A)
* Approval Form (1B)
* 2016 SSEF Official Abstract

1. Please make sure the student/parent’s phone number is correct so the student can be contacted if necessary.
2. Additional forms may be required. All forms can be found at <http://www.floridassef.net/student/student‐forms/>
3. The ISEF rules wizard (<https://apps.societyforscience.org/isef/students/wizard/index.asp> ) can assist you in determining what forms may be required.

**2016 PROJECT BOARD CHECK LIST**

1. Please bring a copy of this with you for project check-in on Thursday, February 4, 2016.
2. Make sure you have reviewed it completely.
3. After a SRC Committee member signs it for safety compliance, leave it with your project.

**2016 AWARDS**

1. Students who earn a first place award and have earned a chance to compete at the State Science Fair will be called on Saturday to attend an informational meeting.
2. Any first and second place awards will be presented during an awards ceremony held on **Wednesday,** **March 16, 2016 from 6-8pm** at the Hollywood Central Performing Arts Center ([HC-PAC](http://artandculturecenter.org/theater)), 1770 Monroe Street (US-1 and Monroe Street), Hollywood, Florida, 33020. [Map](https://www.google.com/maps/@26.0115444,-80.1443904,16z?hl=en)
3. All third and fourth place awards will be given to student on Sunday February 7, 2015 at Project Pick up time or mailed to the schools.

All awards will be listed on our website: [http://stem.browardschools.com/science/science\_general/science-student-competitions/science-science-fair/](http://stem.browardschools.com/science/science_general/science-science-fair/). Click "Awards/Winners" to see past winners. The new awardees will be listed here.**The Broward County Regional Science and Engineering Fair (BCRSEF)**

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**2016 PROJECT BOARD CHECK LIST – FOR PARENTS AND STUDENTS**

**For Project check-in Thursday February 4, 2016**

Check-in for projects starts at 3:00pm and will end at 7:00pm. No projects will be accepted early, no projects will be accepted late. Please give yourself extra time during registration/project safety check, especially after work when the crowd is the largest. Each project must meet these requirements before it is displayed. Please complete this checklist before bringing the project to the mall for display. Bring this checklist with you so we may use it to assist in the registration process.

Check each of these areas and place an X next to each number when you have completed your review of the board. Sign the form, and have it during check in. We will examine each of these areas again. Students/Parents, please check these items before you check the project. Bring a chair for judging day.

1. \_\_\_\_\_\_ A copy of (leave originals at home) **ALL** necessary ISEF paperwork needs to be submitted during judging. Students may leave a **copy** with their boards Thursday night. Necessary forms may be located at: <http://www.floridassef.net/Studentforms.htm>. If you are uncertain about the forms necessary for your project, use the "Rules Wizard" found on that page. A copy of the ISEF paperwork will be collected by judges on judging day. This copy will not be returned. Please be sure that the phone number on form 1A is correct so we may call our winning students Friday/Saturday.

2. \_\_\_\_\_\_ Project has OFFICIAL SSEF Abstract form: In all cases, the official abstract will be placed on the lower-left-corner of the display board OR in a display frame (NO glass) to be placed in front of the project on display.

You may find the official abstract at: <http://www.floridassef.net/Studentforms.htm>. All science forms may be found here.

3. \_\_\_\_\_\_ Project board **must not have** any of these items:

1. No glass or anything breakable
2. No small items that may be pulled off – no fluffy decorations, no plastic leaves… if it can be pulled off, please remove it.
3. No plant material
4. No animal material
5. No dirt
6. No sharp items (pins, tacks, etc.)
7. No water or fluids of any type
8. No bibliography on the project, and no acknowledgements on the board
9. No food or food items
10. No valuable items that can be stolen
11. No bacterial cultures

**BE PREPARED: If it can be pulled off your board, we will remove it.** For liability reasons we regret that we will have to remove any objects from your board before it can be displayed.

It is strongly recommended and encouraged that a project board be a display of data information and photographs only. The only thing necessary is the project board and the student. All other materials are not used in the judging process.

Only pictures and data will be examined.

4. \_\_\_\_\_\_ Eliminate any need for electricity. If a computer simulation is required for the judging, the use of battery power will be necessary. Electricity is **NOT** provided.

5. \_\_\_\_\_\_ All pictures, photos, web images, Google pictures are cited: If taken by a person, then give credit to the person: “photo taken by John Smith”. If a picture is taken by the student researcher, please indicate, “taken by ‘student name’”. Copyrighted pictures or diagrams from the internet are only allowed with permission. Web pictures must be cited: “diagram copied with permission from www.nasa.gov”. Citations must be on the board. Pictures without citations or web pictures posted without permission will be removed. This includes clip-art, web photos, Google images, or any photographs – **cite it or remove it**.

Student Name (Printed): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Science & Engineering Fair Official Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**2016 SCIENCE & ENGINEERING FAIR DAY CHECK LIST –**

**FOR PARENTS AND STUDENTS**

**Science Fair Judging Day: Friday, February 6, 2015**

**Middle School Students** arrive at 8:00am and remain until 11:30am. Parents may claim their children by notifying the student’s chaperone any time after 11:30 am.

**High School Students** arrive at 12:00 pm and remain until 4pm. Students who provided their own transportation are not to leave until 4 pm, and only with committee permission to be dismissed.

Please be prepared. This list should assist you – check each one carefully:

\_\_\_\_\_A copy of **All** necessary ISEF paperwork needs to accompany the student on the day of judging. Necessary forms may be located at: <http://www.floridassef.net/Studentforms.htm>. If you are uncertain about the forms necessary for your project, use the "Rules Wizard" found on that page. This copy will be collected by judges. It will not be returned.

\_\_\_\_\_\_Please be sure that the student phone number on form 1A (checklist) is correct. Otherwise, we are unable to contact our winners Friday/Saturday night.

\_\_\_\_\_ The lab journal (Data book) and Research paper will be brought with the student on the day of the fair, and will go home with the student after judging is done.

\_\_\_\_\_Students are not to bring any electronic devices (i-pod, electronic gaming systems, etc). The School Board of Broward County is not responsible for stolen or lost items. Please leave them at home.

\_\_\_\_\_\_Cell phones are allowed, but must be left on silent. Calls during the fair are prohibited unless for emergency purposes only. Students using phones during the fair will have those phones confiscated. Parents will be able to claim these items after the event.

\_\_\_\_\_\_Students must bring a chair to be placed in front of their project. Try to be comfortable.

\_\_\_\_\_\_Students should bring books or reading material to occupy their time during non-judging periods. Electronic devices are not acceptable. Leave all electronic devices at home.

\_\_\_\_\_\_ Students are to dress appropriately. Uniforms are encouraged. Look nice.

\_\_\_\_\_\_ Students will be chaperoned by Broward County School Staff. ONLY JUDGES AND COMPETITORS WILL BE ALLOWED IN JUDGING AREA.

**ALL PROJECTS MUST BE REMOVED ON SUNDAY, FEBRUARY 8th, 12:00-4:00 PM. Projects not removed by 4:00 pm on Sunday, Feb. 8th will be discarded.**

Fair Day Emergency Number to be used by parents in the event of emergency only: Dr. Merilyn Johnson at 754-321-2624

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**2016 SCHOOL FAIR COORDINATORS**

If your school Science Fair Coordinator was not able to attend the Science Fair Coordinator meeting, you may find all of our science fair information at: <http://stem.browardschools.com/science/science_general/science-student-competitions/science-science-fair/>.

or

Join our Science Fair EDMODO group for helpful info and answers to questions. **Group Code:** 87w55t

* For additional information, contact Tammy Barnes at [tamara.barnes@browardschools.com](mailto:tamara.barnes@browardschools.com) or Kettyna Bellabe at [rose.m.bellabe@browardschools.com](mailto:rose.m.bellabe@browardschools.com)

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**Home Schooled Students Participating in the BCRSEF – The registration process**

1. The parent/home school coordinator will need to contact the public school for which the student is boundaried.

2. You will need to give them information about your school fair so that they can compete at that level before making it to the regional fair.

3. If your school is not hosting a school's fair (all public middle and high schools are expected to participate at the district level) then you can register the home school student to participate at the regional level from your school. (Note: Registration is not scheduled to open until December. The process was given out at the coordinator's meeting. If you need additional assistance, contact Tamara Barnes or Kettyna Bellabe.)

4. Please share the website information, our contact information, facebook site, etc with the home schoolers. We are happy to have them participate.