



Los Angeles County

## SCIENCE FAIR

Excellence in Science, Engineering, Mathematics, and Technology  
8504 Firestone Blvd. #247, Downey, CA 90241 [www.lascifiar.org](http://www.lascifiar.org)

# FINAL CONFIRMATION and INFORMATION PACKET

## STUDENT

## 66<sup>th</sup> Annual Los Angeles County Science Fair

**All project registration and set up must take place on Thursday  
March 17, 2016.**

**You must wear your Badge on Friday and for project removal.  
All students who come to the Awards Ceremony on Saturday will be on stage, have  
their name called, and will receive at least a Recognition Medal.**



# Los Angeles County Science & Engineering Fair

March 1, 2016

Dear Student Participant:

Congratulations on being accepted into the 66th Annual Los Angeles County Science and Engineering Fair!! Listed below is important information regarding the event. Please make sure to familiarize yourself with it.

All Student Participants will be provided with a bar-coded name badge at the Fair. You may pick it up during Registration on March 17<sup>th</sup>, or get it from the Information Table on March 18<sup>th</sup> or 19<sup>th</sup>. **You must wear your name badge at all Science Fair events.** (If your teacher or another designated adult plans to register and set up and/or remove your project, he or she must wear this name badge.) This badge is your entry ticket for judging and must be shown to remove your project.

If you are competing in the Senior Division, please remember to bring the completed and signed ISEF Pre-approval Certification Forms. **These PDF forms with “fillable form fields” are available on the Science Fair Website at <http://www.lascifair.org/site-coordinators/project-pre-approval/>**

## **LOCATION:**

Pasadena Convention Center  
300 E. Green Street, Pasadena, CA 91101  
(626) 793-2122

**For driving instructions from major freeways:**

<http://www.pasadenacenter.com/index.php/attendees/location?id=109>

## **PARKING:**

**Paseo Colorado Parking, Marengo Garage Parking, Los Robles Garage Parking:**

Many merchants/restaurants at Paseo Colorado provide 90-minute validation.

\$9.00/day maximum without validation. *Science Fair does not validate.*

**(See enclosed map.)**

*Do not park in the Pasadena Convention Center/Sheraton Hotel underground parking structure. This parking is reserved for Science Fair Staff, Judges and Volunteers.*

**DINING:** Paseo Colorado, across from the Convention Center <http://www.paseocoloradopasadena.com/dine>

## **SCHEDULE**

### **THURSDAY, MARCH 17, 2016 - Project Screening and Check-in**

**Note: This is the ONLY day for students to register and set up their projects / display boards.** If projects are not registered and set up on this day, they will not be permitted into the Fair on Friday March 18<sup>th</sup> or Saturday March 19<sup>th</sup>. Please make sure you or a designee (teacher, parent, friend, teammate) come to registration on March 17<sup>th</sup>!

**2:00pm – 9:00pm**

**Registration in Ballroom and Project Set Up in Exhibit Halls A/B**

Registration includes students getting their bar-coded name badge, bringing the “**Screening Check-Off Sheet**” to the project screening area, having the project screened, obtaining bar code labels for each physical part of project, registering the project, turning in a photo release form, receiving a participation certificate, and physically setting up the project in the Exhibit Hall.

**For registration, students must arrive no later than 8:45pm.**

**3:00pm – 8:30pm**

**Student Workshops for Judging Interviews** (optional, but recommended)

Workshops will be offered every half hour beginning at 3:00pm. After setting up the project display board in the Exhibit Hall, students may attend a 20-minute workshop in the **outside the Exhibit Hall** on how to practice and prepare for interview success.

**9:00pm**

**Registration closes**

Students whose projects have NOT been registered and set up will not be permitted to enter the Fair...Period!

## **FRIDAY, MARCH 18, 2016 - Judging, Student Interviews, Interactive Exhibits**

*Note: NO student will be allowed to register and/or set up a project on Friday who did not register on Thursday, March 17<sup>th</sup>. Students MAY bring items they did not want to leave overnight on Thursday to show the judges during their interviews. These items require a special sticker and must be removed from the Exhibit Hall at the end of the day. Stickers are only for items to show judges-not display boards.*

- 10:00am – 3:00pm**      Interactive Exhibits in the Ballroom.  
Free hands-on activities for students, parents, teachers and visitors.
- 8:30am**              Arrive at Exhibit Hall A/B (Professional dress recommended!)  
At special tables, students get stickers on items brought for judging only. *All items with the 1-day sticker must be removed at the end of judging.*
- 8:50am**              Students permitted to enter Exhibit Hall A/B and set up items with 1-day stickers.
- 9:00am**              Students meet at project #1 of their category to meet with their category's judges.
- 9:10 am – 11:45am**      Judging and Interviews- Exhibit Hall A/B
- During the 9 am meeting with category judges, the category chair will let students know how long interviews will last and the order of interviews, so students can determine the times they **MUST** to be at their project. Only student participants are permitted inside the Exhibit Hall during Judging.
- During free time, students can attend the Interactive Exhibits in the Ballroom.
- 11:00am – 1:20pm**      **Lunch** (1 hr./student) begins (staggered by categories, every 20 min).  
The category lunch schedule will be distributed at Registration on March 17<sup>th</sup>.  
Food is available for purchase from Starbucks inside the Pasadena Convention Center or at various restaurants across the street at the Paseo Colorado Shopping Center.
- End of lunch–3:30pm** Afternoon Judging – **Every student must be present at his or her project board.** Students sit by projects for additional interviews.
- 3:30pm or earlier**      Students are dismissed *by their judging panel* and must exit the Exhibit Hall
- 3:30pm – 5:30pm**      Judges determine Place winners, Special Awards (*no students allowed in Exhibit Hall*)

## **SATURDAY, MARCH 19, 2016**

- 10:00am – 4:00pm**      Student Displays - Open to the Public- **Exhibit Halls A/B**  
Interactive Exhibits - FREE for students, parents, teachers and visitors- **Ballroom**
- 4:30pm – 5:30pm**      Early Project Removal (*limited time*) prior to Awards Program
- 6:00pm**              Awards Program begins – **Civic Auditorium**
- All students are requested to attend the Awards Program. First, 2nd & 3rd Place and Special Awards winners will receive a "Golden Ticket" for a professional photograph in the Gold Room (you will be directed there). ***There will be no project removal during the Awards Program.***

**PROJECT REMOVAL:** Begins AFTER the Awards Program and concludes at 10:30 pm

***The Pasadena Convention Center Staff will discard any Projects not removed by 10:30pm.***



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### CHECK LIST FOR STUDENT REGISTRATION March 17, 2016

#### Please bring the following items to Registration:

1. Student ID / Drivers' License / picture on your phone of your Photo ID
2. **Science Fair Project**
  - Display Board
  - Typed Report *\*(can be brought on Friday only to show judges)\*\**
  - Daily Log/Journal\* with raw data *(can be brought on Friday only to show judges\*\*)*
  - Signed ISEF PDF Forms (Sr. Division) for projects involving tissues/cell lines, human subjects, vertebrate animals, hazardous materials and/or microbes *(included in a binder/notebook)*.
  - Signed Human Consent Forms from project participants, for **pre-approved** research on Human Subjects *(included in a binder/notebook)*.
  - Any other items you wish to display.

\* if you plan to leave your Report and/or Journal, make sure you have a copy of it

\*\* if you bring something on Friday to show the judges, get a sticker from the designated table Friday morning and then take the item home when judging is over

3. **Screening Check-off Sheet** (check where out of compliance)

4. **Signed "Student Photograph and Videotape Release"**  
*(Will be given to you for parent signature at check-in)*

5. **Personal contact information** (home/cell phone) →

Home Phone-

Cell Phone-

**Your full name MUST appear on the back of your Display Board, Report & Daily Log.**

For security reasons, **no backpacks or closed bags/containers** are allowed in the Exhibit Hall.

### PROJECT REMOVAL

March 19, 2016

Student projects may **only** be removed from Exhibit Hall A/B between 4:30 -5:30pm or after the Awards Program until 10:30 P.M. Projects **MAY NOT** be removed during the Awards Program. **Projects remaining after 10:30pm will be discarded.**

### STUDENT BAR CODE BADGE IS REQUIRED FOR PROJECT REMOVAL!

If you or another designated adult plan to remove any student projects from your school, you or your designee **MUST** wear their name badge.

**SELFIE!** Alternately, you may present a **digital photo** showing the student with a readable name badge and project number, by part of their project.

## **LOS ANGELES COUNTY SCIENCE FAIR DISCLAIMER STATEMENT**

The Los Angeles County Science and Engineering Fair Committee, its Board of Directors, the Los Angeles County Office of Education, the Board of Supervisors for Los Angeles County, volunteers and representatives of sponsoring organizations for the 66<sup>th</sup> Annual Los Angeles County Science Fair, shall be held harmless for injury or death of persons or damage and/or loss of property occurring in connection with the Los Angeles County Science Fair.

## **LOS ANGELES COUNTY SCIENCE FAIR NON-DISCRIMINATION POLICY**

The Los Angeles County Science and Engineering Fair is an equal opportunity for all event, regardless of age, ancestry, color, disability (mental and physical), gender, gender identity, sexual orientation, medical condition, national origin, race and religious creed. Judges & volunteers bear the responsibility to act as guardians and custodians of the students during their volunteering. Their familiarity with the students' special sensitivities is imperative to the overall Science Fair effort to achieve an equal opportunity for all environment, free of discrimination.

Established in 1950, the Los Angeles County Science Fair is a 501 (c) (3) non-profit organization

## **LOS ANGELES COUNTY SCIENCE FAIR STUDENT CODE OF CONDUCT**

As a participant in the Los Angeles County Science Fair:

- \* I will compete honestly and with good sportsmanship.
- \* I will act with integrity and treat others with courtesy.
- \* I will respect Fair volunteers, staff, and judges and their decisions.

## **LOS ANGELES COUNTY SCIENCE FAIR PLEDGE FOR PARENTS & THE PUBLIC**

On behalf of the parents and visitors, I pledge to be an example for our children by:

- \* Respecting the rules of the Los Angeles County Science & Engineering Fair,
- \* Encouraging excellence in experimentation and investigation,
- \* Supporting independence, originality, and creativity in the design and completion of all competitive projects,
- \* Respecting the authority and decisions of the staff, volunteers, and judges of the Los Angeles County Science & Engineering Fair.

My examples will promote the spirit of cooperation within and among all participating schools.



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66<sup>th</sup> ANNUAL LOS ANGELES COUNTY SCIENCE  
FAIR PASADENA CONVENTION CENTER  
MARCH 17-19, 2016

### PROJECTS WITH ELECTRICAL NEEDS

1

If a student project requires electricity, the fair will provide one (1) outlet. If additional outlets or surge protection is required, the student must provide these items.

2

Projects that require 120 volt; 60 cycle supply will be allowed a **MAXIMUM of 500 watts**.

3

Projects using 120 volt electrical current must have all wires and connections well-shielded.

## NO . . .

X

Automotive-type wet cell batteries.

X

Electrical equipment operating on more than 12 volts with unshielded connection.



**Students, Parents & Teachers Parking**

**Staff, Judges, Special Award Donors, Interactive Presenters & Volunteers Parking**

**Pasadena Convention Center Garage  
690 Spaces**

**Marengo Garage  
700 Spaces**

**Loading Dock  
Located on  
Marengo Ave**

**Los Robles  
Garage  
500 Spaces**

**199 S Los Robles  
Garage  
450 Spaces**

**Ameron  
Garage  
532 Spaces**

**Hilton Hotel  
Garage  
470 Spaces**

**200 S Los Robles  
Garage  
430 Spaces**



110

110

110

S Arroyo Pkwy

S Arroyo Pkwy

E Colorado Blvd

E Cordova St

Morgan Alley

S Marengo Ave

S Marengo Ave

300 E Green St

Cordova St

E Colorado Blvd

S Euclid Ave

E Euclid Ave

E Green St

E Cordova St

S Los Robles Ave

E Colorado Blvd

Converse Alley

S Oakland Ave

S Oakland Ave

E Colorado Blvd

E Green St

Ei Dorac





# 66<sup>th</sup> Annual Los Angeles County Science Fair

## Interactive Exhibits

Every year, the Los Angeles County Science Fair sponsors a very special event: Interactive Exhibits designed to inspire and entertain students and the public at the Fair, in their own exhibit hall next to the Science Fair. The Interactive Exhibits will be open from **10:00am – 3:00pm** on **Friday** and **10:00am – 4:00pm** on **Saturday**, March 18<sup>th</sup> and 19<sup>th</sup>, and are **FREE** to all Science Fair participants, judges, volunteers and guests.

The Interactive Exhibits involve sharing with LOTS of hands-on activities. Others exhibitors bring unusual objects that we don't see everyday, and we will feature them prominently. All of that creates a stimulating event!

Join us for two exciting days of science!  
Some of the presenters are:

- *Trash for Teaching*
  - *Long Beach Aquarium of the Pacific*  
(Saturday March 19th only)
  - *Orangutan Conservancy*
  - *LEGO*
  - *Math Zoom*
- And more . . .*

The Interactive Exhibits are made possible by a generous donation from Cedars-Sinai.

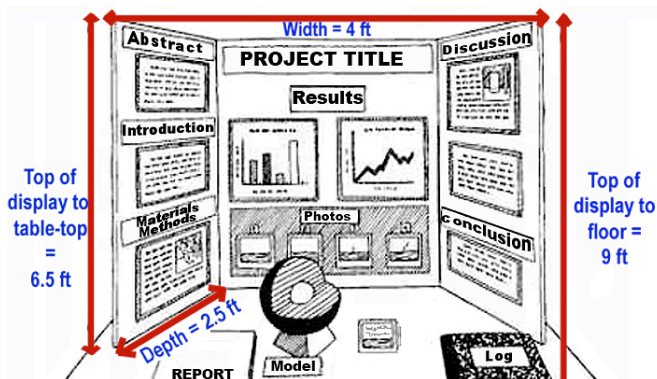


For more information, visit our website at:

<http://www.lascifair.org>

**LOS ANGELES COUNTY SCIENCE FAIR  
SCREENING CHECK-OFF SHEET**

**Project No.**



Refer to Teacher/Student Handbook for specific project requirements that can be downloaded from our website:  
<http://www.lascifair.org>

**Living Organisms**

- Displays of bacterial/viral cultures, molds and live or preserved animals and plants are not permitted.
- Tissues, teeth, blood or blood products will not be displayed.
- Nutrient, blood or any other agar will not be displayed.
- Display photographs showing procedures detrimental to the health and well being of vertebrate animals will not be allowed.
- No living, dead or preserved plants.
- No living, dead or preserved animals.
- No animal parts, fresh or preserved.
- No photographs of dissection.
- No cultures of any bacteria or molds.
- No fruits, vegetables, or any perishable food item including eggs or eggshells.
- Any sand, soil or rocks must be sterile & dry.

**Hazardous Materials**

- No toxic materials will be displayed.
- No acids or bases may be displayed.
- No explosives or flammable substances will be displayed.
- No consumable alcohol, tobacco, drugs or medications will be displayed.
- No corrosive, flammable, or toxic chemicals.
- No open containers of any liquid: containers must be clean & DRY.
- No unlabeled containers.

**Electrical Hazards**

- Automotive-type wet cell batteries are not permitted.
- Electrical equipment, operating on more than 12 volts with unshielded connections, is not allowed.

**Electrical Requirements**

- Projects that require 120-volt/60 cycle supply will be allowed a **MAXIMUM** of 500 watts.
- Projects using 120-volt electrical current must have all wires and connections well shielded.

**Directions: Check off if your project MAY have a problem with compliance.**

**BRING THIS SCREENING SHEET WITH YOU FOR ON-SITE REGISTRATION 3/17/16**

**LOS ANGELES COUNTY SCIENCE FAIR  
SCREENING CHECK-OFF SHEET (continued)**

**Equipment Display**

Microscopes, computers, or lasers, if used in the initial display, are done so at the student's risk. The Science Fair Committee is not responsible for lost, stolen, or damaged items.

If microscopes, computers, lasers are critical to your exhibit, it is strongly suggested that these items be brought for judging only, if such display of equipment helps clarify the project objectives, procedures and results.

**Do Not Display . . .**

Anything that cannot afford to be lost.

Balances

Compressors

Electric Meters

Hypodermic Syringes

Sharp items such as knives, razor blades, and dissection kits.

Operable Lasers

Laboratory equipment that is not necessary for understanding of the project.

Contraband and regulated substances.

**Don't Forget . . .**

**Your badge** for every day of the Fair!

**Data Log/Journal/Notebook**

(Signed ISEF forms for Senior Division projects involving tissues/cell lines, human subjects, vertebrate animals, hazardous materials and/or microbes.)

**Continuation Project Form** (for multi-year research project, if applicable).

**I understand that my project will be disqualified if it is not in compliance, at any time, with the screening criteria. Decision of the Science Fair Screening Committee is final.**

**Date: March 17, 2016**

**PLEASE PRINT:**

\_\_\_\_\_  
Last Name

\_\_\_\_\_  
First Name

**STUDENT SIGNATURE:**

\_\_\_\_\_

**Do not write in this space**



PLEASE PRINT STUDENT INFORMATION:

School \_\_\_\_\_

\_\_\_\_\_

Last Name

\_\_\_\_\_

First

## STUDENT PHOTOGRAPH AND VIDEOTAPE RELEASE

I hereby give permission for my child, \_\_\_\_\_, to be photographed and/or videotaped under the supervision of the Los Angeles County Science Fair Committee, for reasonable and appropriate uses to record and publicize the Los Angeles County Science Fair. I understand that photographs and videotapes may be used in future Science Fair publicity, and for fundraising purposes.

I, hereby, state that I am the legal guardian of the above named child.

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_

Phone Number \_\_\_\_\_  
Area Code      Number

*Please return this completed form to the Science Fair  
Registration Desk on Thursday, March 17, 2016.*