

# Colorado Science and Engineering Fair



## *Colorado's Future Scientists & Engineers Need Your Help!*

Dear Potential CSEF Supporter:

The Colorado State Science Fair, Inc., a Colorado non-profit organization, is looking to you and your organization to help support the Colorado Science and Engineering Fair (CSEF), held annually at Colorado State University in Fort Collins, CO. The CSEF is the state-level event in a year-long process of local and regional science fairs. More than two thousand students participate in science fair programs state-wide. The purpose of the CSEF is to stimulate student interest and encourage them in science and engineering through recognition of their research knowledge, ability and achievement. April 2016 will mark the 61<sup>st</sup> year that this prestigious event has been held for Colorado students.

The success of each year's Colorado Science and Engineering Fair is directly dependent upon the support of public and private organizations, government agencies, school districts and universities, as well as the efforts of hundreds of committed volunteers. It is no exaggeration to say that CSEF volunteers indeed make the event possible. At the state level, there is the Board of Directors (volunteers from the sponsoring organizations working on overseeing the running of the CSEF and the non-profit organization); the Advisory Council (volunteers from around the state who are on the CSEF Working Committees to make sure everything runs smoothly at the event); judges (both for Grand and Special Awards who interview the finalists and choose the winners); and hundreds of on-site volunteers who do the actual work of the CSEF. Prior to the state event, thirteen regional science fairs and a great number of local school science fairs are conducted throughout the state and each of these is supported and promoted by hardworking and dedicated educators. And before a student's project even makes it to a local science fair, it requires the encouragement and support from individual teachers, adult sponsors, and parents to help students see their projects through from inception to finished exhibit. The Colorado Science and Engineering Fair is a product of all of these people.

CSSF, Inc. has also embarked on a continuing effort to assist regions of the state that have been under represented at the CSEF through outreach to the Regional Science Fairs. I invite you to visit our web site at <http://www.csef.colostate.edu> for more information about the non-profit organization and the CSEF.

This year's need for your renewed support is greatly increased due to our increase in the number of students we are able to accommodate in the newly renovated Lory Student Center at Colorado State University. Last year we had an increase in number of projects (339) and students (391) who participated in the 2015 CSEF and we are expecting the same number if not more in 2016. We are also looking forward to the future and our efforts to increase the visibility and participation levels of science fairs at all levels, by working more closely with teachers to promote science fair research in the classroom through hiring a full time director.

Your generous support of the CSEF will provide the opportunity for students interested in science and engineering to meet with other students, discuss their projects with judges from a wide range of backgrounds, and hear and talk with guest speakers who convey the excitement and rewards of careers in science and engineering. Please participate in this effort by selecting a sponsorship level and returning the pledge form and your generous check, payable to CSEF to: **Colorado Science and Engineering Fair, Colorado State University, Campus Delivery 1802, Fort Collins, CO 80522-1802.**

Sincerely,

Courtney Butler  
CSEF Director

### *Mission Statement*

*Colorado State Science Fair, Inc. honors excellence in science, technology, engineering and mathematics; providing opportunities for students from all regions of the state to create and present their research in environments that nurture interests in science and technology; promoting professional skills, high ethical standards, diversity and continuing intellectual development.*

# Colorado Science and Engineering Fair



## *Types of CSEF Support*

There are several different ways to contribute to the Colorado Science and Engineering Fair.

**Financial Sponsorship:** The Colorado Science and Engineering Fair is a non-profit organization. Because of this, the fair is totally dependent on the sponsorship and contributions from businesses, organizations, and individuals in Colorado to cover fair expenses, to provide prize money, and to fund the trip to the Intel International Science and Engineering Fair for the top state winners. Checks may be made payable to the Colorado Science and Engineering Fair. For the IRS 501-C-3 tax exempt status number or for more information on financial sponsorship please contact:

Dan Kowal, Finance Committee Chair  
US Department of Commerce/NOAA  
Phone: (303) 497-6118; e-mail: [dan.kowal@noaa.gov](mailto:dan.kowal@noaa.gov)

**Special Awards:** Sponsored Special Awards supplement the Grand Awards given in each category and division. Your organization may choose to provide representatives to judge exhibits and present awards based on your own criteria. Awards may include cash, savings bonds, calculators, computers and other prizes, summer job opportunities, and **college scholarships** (see below). To join this prestigious group of Special Awards Presenters contact:

Sam Bartlett, Special Awards Coordinator  
Colorado Engineering Council  
Phone: (303) 988-2426; e-mail: [samuelbartlett@aol.com](mailto:samuelbartlett@aol.com)

**Special Sponsorships:** Special Sponsorships constitutes a new category of support that supplements the Financial Sponsorships to cover the full range of support needed to put on the CSEF. These special sponsorships allow for support of specific activities that are a part of the CSEF and as such, present opportunities for sponsors to advertise their involvement with the CSEF. Areas that have been identified for the 2015 CSEF include: Teacher of the Year Award, pizza party, awards ceremony, awards, ISEF trips, printing, T-shirts, official photos, and registration packets. To join this prestigious group of Special Sponsors, contact:

Courtney Butler, Executive Director  
Colorado State University  
Phone: (970) 491-7716; e-mail: [courtney.butler@colostate.edu](mailto:courtney.butler@colostate.edu)

**Scholarships:** If your organization would like to award a scholarship please contact:

David Holm, Scholarship Committee Chair  
SLV Research Center - CSU  
Phone: (719) 754-3594 ext. 114; FAX: (719) 754-2619; e-mail: [spudmkr@lamar.colostate.edu](mailto:spudmkr@lamar.colostate.edu)

**Judging:** Judging is done by professional scientists and engineers who visit each exhibit, review the research, and interview the student exhibitors. To volunteer to become a Colorado Science and Engineering Fair judge please contact:

Nancy Glissmann, Grand Awards Judging Coordinator  
Vaughan Web Works  
Phone: (303) 817-4271; e-mail: [grandawardscsef@gmail.com](mailto:grandawardscsef@gmail.com)

**For other questions about the Colorado Science and Engineering Fair please contact:**

Courtney Butler, Executive Director, Colorado State University, Campus Delivery 1802, Fort Collins, CO 80523-1802  
Phone: (970) 491-7716; FAX: (970) 491-2005; e-mail: [courtney.butler@colostate.edu](mailto:courtney.butler@colostate.edu)



# Colorado Science and Engineering Fair

## SPONSORSHIP FORM

Pledge Date: \_\_\_\_\_

I (we) agree to give to Colorado State Science Fair, Inc. the sum of \$\_\_\_\_\_ for use in the organization and operation of the Colorado Science and Engineering Fair and awarding prizes in connection with the same. For recognition in the CSEF Program, forms must be received by March 1<sup>st</sup>.

- DIAMOND Sponsor                      \$10,000 or more
- PLATINUM Sponsor                      \$5,000 - \$9,999
- GOLD Sponsor                              \$2,500 - \$4,999
- SILVER Sponsor                            \$1,000 - \$2,499
- BRONZE Sponsor                           \$750 - \$999
- COPPER Sponsor                           \$500 - \$749

*(Tax deductible contribution, identifying number 74-1884595)*

---

### **Organization/Company Name**

*(as it should appear in the CSEF Program)*

---

### **Organization/Company Web Address**

*(as you would like for our web site to link to)*

### **Organization/Company Contact**

---

*Contact Name*

Work:

Cell:

---

*Contact Position/Title (if applicable)*

---

*Contact Telephone Number(s)*

---

*Contact FAX Number*

---

*Mailing Address*

---

*Contact E-mail Address*

**MAIL TO:** Ms. Courtney Butler  
Colorado Science and Engineering Fair  
Colorado State University  
Campus Delivery 1802  
Fort Collins, CO 80523-1802

**CSSF, INC. BOARD OF DIRECTORS ASSIGNMENTS:** *Indicate your organization's wishes regarding Board of Directors membership. Please check one---*

- CSEF Sponsors** ( $\geq$  \$500) may delegate 1 or 2 representatives from your organization to serve as Regular (voting) Members on the CSSF, Inc. Board of Directors, by completing the back of this form, OR
- Send that information at a later date, OR
- Waive Board Positions**, and support the CSEF financially only.

**CSSF, INC. BOARD OF DIRECTORS ASSIGNMENTS**

**1<sup>ST</sup> BOARD MEMBER**

---

*Name*

---

*Position/Title*

---

*Mailing Address*

---

*City, Zip Code*

Cell:

Home:

Work:

---

*Telephone Number(s)*

---

*E-mail Address*

**2<sup>ND</sup> BOARD MEMBER**

---

*Name*

---

*Position/Title*

---

*Mailing Address*

---

*City, Zip Code*

Cell:

Home:

Work:

---

*Telephone Number(s)*

---

*E-mail Address*

### Sponsorship Benefits

Sponsorship Level:	Diamond ≥\$10,000	Platinum \$5,000 - \$9,999	Gold \$2,500 - \$4,999	Silver \$1,000 - \$2,499	Bronze \$750 - \$999	Copper \$500 - \$749	Contributors <\$500
Provide 2 Board of Directors Members	X	X	X	X	X	X-	-
Place logo on CSEF home page of website	X	-	-	-	-	-	-
Place logo on CSEF sponsor page of website	X	X	X	X	X	-	-
List name on CSEF Sponsor page of website	X	X	X	X	X	X	X
Link to company from CSEF sponsor page of website	X	X	X	X	X	X	X
Print logo in CSEF Award Ceremony program	X	X	X	-	-	-	-
List name in CSEF Award Ceremony program	N/A (logo)	N/A (logo)	N/A (logo)	X	X	X	X
Print description of company in CSEF Award Ceremony program	X	X	X	X	X		-
List name in CSEF Annual Report	X	X	X	X	X	X	X
List name in CSEF Program	X	X	X	X	X	X	X
Host a table outside the student exhibit hall**	X(free)	X(free)	X(\$15)	X(\$30)	X(\$45)	X(\$60)	X(\$75)
Print logo on back of Finalist's t-shirts	X	X	-	-	-	-	-
Print name on back of Finalist's t-shirts	N/A (logo)	N/A (logo)	X(large)	X(medium)	-	-	-
Hang a banner in the student exhibit hall*	X	X	-	-	-	-	-
Social media exposure via CSEF Facebook page	X	X	X	X	X	X	-
Name listed on press releases to media	X	X	X	-	-	-	-

\*Banners can be no larger than 4' w x 3' h and must be provided by the sponsor. Those organizations/companies that have been supporting CSEF (Copper level and above) for at least 5 years prior to 2015, will also be allowed to hang a banner at the CSEF.

\*\*Additional charges for table space to sponsorship levels below Platinum may be adjusted according to Lory Student Center policy and costs.

Category Description	Budget
<b>INCOME</b>	
Sponsorships	\$59,700
Contributions	\$6,900
In-Kind	\$19,000
Registrations	\$15,600
Grants	\$0
General Income	
Interest	\$50
Sales	\$1,500
Matching Gifts	\$750
RSF Outreach Funds	\$10,000
Scholarships/Special Awards	\$6,150
Teacher of the Year Award	\$3,000
TOTAL General Income	\$21,450
<b>TOTAL INCOME</b>	<b>\$122,650</b>
<b>EXPENSES</b>	
Awards	
Grand Awards	\$10,875
CSEF Special Awards	\$400
Other Special Awards	\$9,150
Non-Cash Awards	\$2,650
TOTAL Awards	\$23,075
Board Expenses	
Communications	\$500
Meetings	\$3,000
Operations	\$9,145
TOTAL Board Expenses	\$12,645
ISEF	
Affiliation	\$870
Travel	\$9,390
TOTAL ISEF	\$10,160
Outreach	\$12,000
CSEF Expenses	
Adult Sponsors	\$500
Advisory Council	\$100
Finalist Activities	\$7,850
Finalist Registration	\$12,875
Fundraising	\$500
Judging	\$9,000
Personnel	\$9,533
Publications	\$3,400
Regional Fair Directors	\$150
Scientific Review Committee	\$850
Supplies	\$650
Volunteers	\$2,700
TOTAL CSEF Expenses	\$49,928
<b>TOTAL EXPENSES</b>	<b>\$105,908</b>

## SPECIAL AWARDS PARTICIPATION

Please complete & return by March 1, 2016 to:

Sam Bartlett, Special Awards Coordinator

P O Box 812

Castle Rock, CO 80104

Phone: (303) 988-2426

e-mail: [samuelbartlett@aol.com](mailto:samuelbartlett@aol.com)

The following information must be submitted through the online Special Award Registration Form that can be found at [http://www.csef.colostate.edu/Special\\_Awards.html](http://www.csef.colostate.edu/Special_Awards.html). The Special Awards Program Policy can also be found here.

**Organization Name** – This is the name of the organization or individual who is providing the award.

**Contact Person** – We need the name, mailing address, phone number, and email address of the person who is in charge of coordinating the award, judges and presenter for the organization.

**Award Name** – Is there as special name the award should be given that is different from that of the organization (i.e., memorial awards or special innovation awards)?

**Award** – What is it that each student will receive? Please make note if there are different awards for 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, etc. or if there is a difference between what is given at the junior and senior division levels. Please note that the total amount of money given must equal at least \$50.

**Award Criteria** – What is the criteria that you are basing this award on (i.e., best use of optics in a research project)?

**Division** – Will you be limiting the award to just senior division or junior division projects or are both divisions eligible for the award(s)?

**Restrictions** – Is the award restricted to just one or two categories, grade level, gender, etc.?

**Judge(s)** – We need the name, mailing address, phone number, and email address for all of the judges expected to participate in interviewing students on Thursday. Please note that we limit each organization to only 5 judges unless there is a specific reason to include more (i.e., the award criteria is so large, that a great number of students need to be interviewed).

**Presenter** – We need the name, mailing address, phone number, and email address of the person who will attend the awards ceremony of Friday to hand out the award(s) to the winner(s). If no person is available from the company/organization, then the President of the Board of Directors will present the award on their behalf.

**Awards Ceremony Statement** – We allow each organization/company one sentence about them that will be read during the awards ceremony as students are making their way to the stage. Please note that in some cases, these statements may be edited for uniformity and length.

**Awards Ceremony Program Script** – We provide a printed Awards Ceremony Program where we can include longer descriptions about the organizations/companies that are providing the special awards. Please note that in some cases, script format and/or content may be edited for uniformity and length.

**Award Payment/Presentation** – There are several options for getting the award to the winners:

1. Have the ceremony presenter bring the certificates, checks, etc. with them to the Awards Ceremony on Friday.
2. Have the judges leave the certificates (and other non-cash awards) with CSEF on Thursday (we will complete) to hand out at the Awards Ceremony on Friday. Cash awards can then be sent to the students at a later date.
3. Make a donation to the CSEF for the specific purpose of the awards prior to March 1<sup>st</sup> and CSEF will disperse the funds to the winning students at the Awards Ceremony on Friday. Certificates and other non-cash awards can either be sent with the funds, brought by the judges on judging day or by the award presenter on Friday.

**RETURN COMPLETED FORM to Nancy Glissmann at:**  
 3825 Birchwood Drive, Boulder, CO 80304  
 email to: [grandsawardscsef@gmail.com](mailto:grandsawardscsef@gmail.com)  
 or submit information on-line at <http://www.csef.colostate.edu/Judges>  
**2016 COLORADO SCIENCE AND ENGINEERING FAIR**  
**GRAND AWARDS JUDGING INFORMATION**

PLEASE ANSWER **ALL** QUESTIONS BELOW:

1. I will/will not be able to judge at the 2016 CSEF:

- YES**, I will serve as a **JUDGE** on **THURSDAY, April 7, 2016** at CSU – Fort Collins from 10 a.m. to 5:45 p.m.
- I will **NOT** be able to serve as a **JUDGE** in 2016 but **KEEP** my name on the **MAILING LIST** for 2017
- REMOVE** my name from the **JUDGES' MAILING LIST**

The Grand Awards Judging Guide, schedule and other information will be available online on the Grand Awards Judges' Information page by the end of December. The Preliminary Judging Team assignments will be available online in March.

2. I would prefer to receive my **JUDGING INFORMATION PACKET** (please circle): hardcopy / download.

3. I am willing/not willing to serve as a **CAPTAIN** of a Category Judging Team & **BEST CSEF PROJECT JUDGE** from 9:15 a.m. to 8:30 p.m.

- YES** (Judging Captains will receive a complimentary CSEF T-shirt. Please indicate your T-shirt size here: \_\_\_\_\_)

4. I do/do not want to order a **CSEF T-shirt** for \$10.

- YES**, my t-shirt size is: \_\_\_\_\_

5. I have been a judge at the CSEF for \_\_\_\_\_ years. Number of years do not need to be consecutive.

6. I am/am not interested in **CARPPOOLING** with other judges from my area to Colorado State University in Ft. Collins.

- YES** - *A list of potential carpoolers will be sent to interested judges in LATE March.*

All potential judges **MUST** disclose any potential conflict of interest and adhere to the CSEF Conflict of Interest Agreement.

7. I have not/have been involved with one of the 13 Regional Science Fairs associated with the Colorado Science and Engineering Fair during the 2015/2016 school year.

- NO**, I was not involved with any of the Regional Science Fairs during 2015/2016.
- YES**, in the following way(s):
- Adult Sponsor** or **Teacher** of student(s) in CSEF Division(s): \_\_\_\_\_ and Category(ies): \_\_\_\_\_
- Relative** of student(s) in Grade(s): \_\_\_\_\_
- Judge** in CSEF Division(s): \_\_\_\_\_ and Category(ies) \_\_\_\_\_
- Other** Regional Fair Involvement: \_\_\_\_\_

8. I was/was not a **PAST STUDENT FINALIST** at CSEF.

- YES** – in year(s): \_\_\_\_\_

9. **INDICATE** your **TOP 3** preference (1,2,3) for the **CATEGORIES** of expertise are qualified to judge:

- |  |                                       |                                |
|--|---------------------------------------|--------------------------------|
| _____ Animal Sciences                  | _____ Behavioral & Social Sciences    | _____ Chemistry & Biochemistry |
| _____ Earth & Space Sciences           | _____ Energy                          | _____ Engineering              |
| _____ Environmental Sciences           | _____ Mathematics & Computer Sciences | _____ Medicine & Health        |
| _____ Microbiology & Molecular Biology | _____ Physics                         | _____ Plant Sciences           |

10. **INDICATE** your preference for **DIVISION** (please circle): Junior Division (6-8) / Senior Division (9-12) / Either



11. Please complete the personal BACKGROUND and CONTACT INFORMATION:

NAME: \_\_\_\_\_

ALL COLLEGE DEGREE(S) & FIELD(S) (i.e. B.S. Electrical Engineering):

Bachelor's Degree: \_\_\_\_\_

Masters Degree: \_\_\_\_\_

Doctoral Degree: \_\_\_\_\_

OTHER DEGREE(S) or PROFESSIONAL REGISTRATIONS: \_\_\_\_\_

OCCUPATION/SPECIALTY: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

HOME or CELL PHONE: \_\_\_\_\_ WORK PHONE: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

EMPLOYER: \_\_\_\_\_

SUPERVISOR'S/MANAGER'S NAME: \_\_\_\_\_

EMPLOYER'S MAILING ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_