

About BASEF

The Bay Area Science and Engineering Fair is open to students in grades 7 through 12 from the City of Hamilton, the Regional Municipality of Halton, Brant, Haldimand and Norfolk counties. All schools may participate; public, separate, independent, private and home schools are welcome.

BASEF is a volunteer driven, registered charitable organization, and relies entirely on sponsorship to stage the fair and promote project based science and engineering.

We are affiliated with the **Canada Wide Science Fair (CWSF)** and the **Intel International Science and Engineering Fair (IISEF)**, and funding permitting, 24 of the top projects from our fair are awarded all expenses paid trips to compete at these events. Our students have competed favorably against the top young minds in the world and have brought home many prestigious national and international awards over the years.

Important Dates

Project Registration Tentative dates (It's free!)	February 7 th to March 2 nd , 2005
BASEF	March 30 th to April 2 nd , 2005, Sheridan College
Project Set Up	March 30 th
Project Judging (students present)	March 31 st 1:00 – 4:00 pm
Activity Day	April 1 st 8:00 am - 4:00 pm
Public Viewing	April 2 nd 10:00 am - noon
Awards Ceremony	April 2 nd 1:30 to 3:30
CWSF 2005	May 15 th to 22 nd , 2005 Vancouver, BC
IISEF 2005	May 8 th to May 14 th 2005, Phoenix, Arizona

Contact BASEF

Web Site

<http://basef.ca>

Mailing Address

Bay Area Science and Engineering Fair
c/o McMaster University, JHE-A214
1280 Main Street West
Hamilton, ON, Canada L8S 4L7

Voice Mail

Hamilton Area: 905-974-7975
Halton Region: 905-693-7076

Please leave your name, your number, and the reason you are calling, and we'll get back to you as quickly as we can.

Email

General Email basef@basef.ca
Registration registration@basef.ca
Judging judging@basef.ca
Activities activities@basef.ca
Volunteers volunteers@basef.ca
Sponsors & Fund Raising fundraising@basef.ca
Students & Teachers outreach@basef.ca

**Get Involved
It's Your Future!**

BASEF



45th Annual Bay Area Science and Engineering Fair

**Encouraging youth
in science,
engineering, and
technology**

**Get Involved
It's Your Future!**

March 30th to April 2nd, 2005

**Sheridan College
Institute of Technology and
Advanced Learning**

<http://basef.ca>

Students

The fair is open to all students in grades 7 through 12. A single student or students working in pairs may submit projects.

Download the student **Science Success** workbook from basef.ca/outreach. It offers practical advice and a step by step, easy to follow process. There is an extensive list of reference web sites that offer project ideas and more. Fair winners win all expense paid trips to represent BASEF at the Canada Wide Science Fair and the Intel International Science and Engineering Fair.

Divisions

3 levels; Junior (grades 7 & 8), Intermediate (gr. 9 & 10) or Senior (gr. 11-12) in one of 6 categories:

- Biotechnology
- Earth and Environmental Sciences
- Engineering and Computing Sciences
- Health Sciences
- Life Sciences (non human)
- Physical and Mathematical Sciences

Teachers

We applaud those teachers who make science fair projects and participation at BASEF a part of their classroom study. The BASEF **Science Success: Teacher Guide** is available for download from basef.ca/outreach. The guide is designed to show how project based science and technology help meet curriculum outcomes, includes presentation materials and is the companion guide to the Science Success: Student Workbook. For more information e-mail the Outreach chair at outreach@basef.ca or call one of the phone numbers listed on the Contacts Page.

Volunteers

Volunteers make BASEF possible. Dozens of people donate hours, days or weeks of time to plan, produce and staff the fair.

The organising committee needs the assistance of volunteers throughout the year. Tasks people help with include:

1. Chaperoning students on the activity day
2. Fundraising or seeking special awards
3. Graphic design for t-shirts, posters, newsletters and the Web

These are just a few of the many tasks required to make BASEF successful.

Would You Like to Volunteer?

If you would like to find out about volunteer opportunities, visit our web site and fill out the volunteer-registration form. If you don't have access to a computer, contact us via phone or mail. A member of the organising committee will be in touch with you. As well as benefiting the community, volunteering with BASEF entitles you to complimentary training sessions to enhance your personal skill sets.

Parents

Parents play an important role in the success of the students. Through your support and encouragement your children are given the opportunity to develop an interest in science and technology and to excel in their endeavours. Our website has a section for parents, offering helpful coaching tips and more. For more information see the BASEF WEB site <http://basef.ca>. Or call one of the phone numbers listed on the Contacts page.

Judges & Judging

Science fairs provide a unique learning opportunity for students, teachers, and members of the community to explore science and to increase public awareness of science and the world we live in. Though science fairs are generally a competition, they also provide an opportunity for students to display their creative scientific activity beyond the classroom and in the world.

The judging official is an essential part of this experience. The judge is encouraging, positive, and contributes directly to the student's learning experience. Most students enjoy the chance to talk about their project with someone who is knowledgeable and understands the nature of their work. This interaction may directly influence the future scientific activity of the student.

Would You Like to be a Judge?

If you would like to support the fair by volunteering to judge projects let us know by completing the Judges Registration form in the Judges section of our 2005 website. Judging day this year is **Thursday, March 31st, 2005** all day.

If you think you might be interested in judging, but would like to know more, have a look at our WEB site. Here you will find additional information such as the **Judges' Workshop Handout** that describes the judging process in detail and information on the **Science Fair Judging Workshop** designed to prepare new judges.