

## About BASEF

The Bay Area Science and Engineering Fair draws students in grades 7 through OAC from the City of Hamilton and the Regional Municipality of Halton. All schools may participate; public, separate, independent, private and home schools are welcome.

### BASEF History

The Hamilton District Science and Engineering Fair (our original name) was founded in 1960. Since that time many thousands of young people from the regions of Hamilton and Halton have benefited from their participation in this event. Some have gone on to achieve further success at the national and international levels, and many are now active in careers related to science and technology.

Recently we changed our name to the Bay Area Science and Engineering Fair (BASEF). BASEF is affiliated with the **Canada Wide Science Fair** and the **Intel International Science and Engineering Fair**, and several of the top projects from our fair are sent on 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	February 12 <sup>th</sup> to March 10 <sup>th</sup> , 2003
BASEF	April 2 <sup>nd</sup> to 5 <sup>th</sup> , 2003 McMaster University
Canada-Wide Science Fair 2003	May 10 <sup>th</sup> to 18 <sup>th</sup> , 2003 Calgary, Alberta
Intel International Science and Engineering Fair 2003	May 11 <sup>th</sup> to 17 <sup>th</sup> , 2003 Cleveland, Ohio

## Contact BASEF

### WEB Site

<http://basef.mcmaster.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	<a href="mailto:basef@mcmaster.ca">basef@mcmaster.ca</a>
Registration	<a href="mailto:basef.registration@mcmaster.ca">basef.registration@mcmaster.ca</a>
Judging	<a href="mailto:basef.judging@mcmaster.ca">basef.judging@mcmaster.ca</a>
Activities	<a href="mailto:basef.activities@mcmaster.ca">basef.activities@mcmaster.ca</a>
Volunteers	<a href="mailto:basef.volunteers@mcmaster.ca">basef.volunteers@mcmaster.ca</a>
Sponsors & Fund Raising	<a href="mailto:basef.fundraising@mcmaster.ca">basef.fundraising@mcmaster.ca</a>
Students & Teachers	<a href="mailto:basef.outreach@mcmaster.ca">basef.outreach@mcmaster.ca</a>

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

# BASEF



Bay Area  
Science and  
Engineering  
Fair

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

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

**April 2<sup>nd</sup> to 5<sup>th</sup>, 2003  
McMaster University**

<http://basef.mcmaster.ca>

## Students

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

Wondering where to begin? Have an idea and are not sure where to go with it? Look at our BASEF web site **Project Resources** page for links to sites which will get you thinking, get you started, give you information about research methods, and provide hints and tips on project presentation.

## Divisions

Students compete in 3 levels; Junior (grades 7 and 8), Intermediate (grades 9 and 10) or Senior (grades 11 to OAC) in one of 6 divisions:

- Life Science
- Physical Science
- Mathematics and Computer Science
- Earth and Environmental Sciences
- Biotechnology
- Engineering

## Teachers

Teachers are key to developing the students awareness and appreciation for science, technology and engineering. Through your encouragement, guidance and support these young minds develop the interests and skills that will serve them throughout their lives, perhaps in a technology related career, or as informed citizens in our increasingly technologically oriented society.

If you would like more information send e-mail to the Outreach chair at [basef.outreach@mcmaster.ca](mailto:basef.outreach@mcmaster.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 volunteer or to find out more about how you could help, please visit our WEB site and fill out the volunteer-registration form. If you don't have access to a computer then phone or send mail. A member of the organising committee will be in touch with you.

## 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.

For more information see the BASEF WEB site <http://basef.mcmaster.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 as well as the judge's. 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. The judge must be encouraging, positive, and constructive in criticism.

## 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 2003 website. Judging day this year is **Thursday, April 3<sup>rd</sup>, 2003** 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.