

BASEF Annual Report 2009

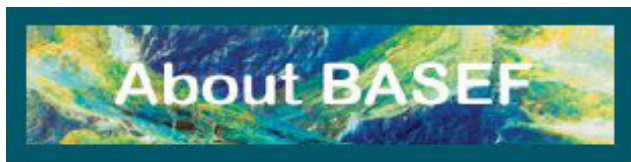
Big ideas. Infinite possibilities.

**Bay Area Science and
Engineering Fair**

Sponsored by
ArcelorMittal Dofasco



Get in touch with the scientist in you.
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The Bay Area Science and Engineering Fair (BASEF) is the regional fair for the City of Hamilton, Region of Halton and the Counties of Brant, Haldimand and Norfolk. BASEF is open to over 100,000 students from Grade 7 to 12 in attendance at public, separate, independent, private and home schools. BASEF is a registered charity and volunteer organization with a diverse group of committee

members from business, education, health sciences and industry.

The mission of BASEF is to promote project based science and encourage youth to conduct research in areas of science, engineering and technology, utilizing the scientific method or engineering design process. We believe all students should be given the opportunity to participate in science fairs. Students learn invaluable academic and life skills through researching, experimenting, displaying and presenting their projects. The judging process and public viewing components allow students to practice their “people” and communication skills and gain self-confidence and a sense of accomplishment for a job well done.

BASEF volunteers organized and staged the 49th Annual Regional Fair at Mohawk College of Applied Arts and Technology in Hamilton. Mohawk’s administration and staff offered unprecedented support, cooperation and assistance to BASEF and provided a warm welcome to all of our students, volunteers and visitors.

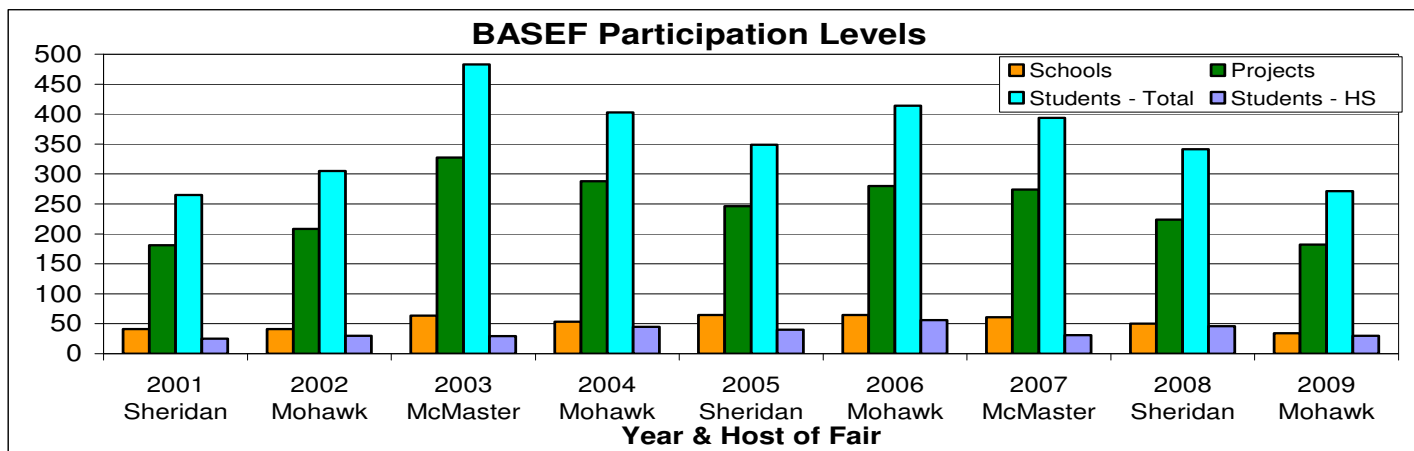
All student participants received a goody bag containing the official BASEF 2009 t-shirt and bookmark, a photo of their project, information on Hamilton resources useful to students and other miscellaneous items donated by sponsors.

Our goal at BASEF is to make science fair participation a rewarding and enjoyable experience. Students may not win big in their first or even second science fair competition, however they gain the tremendous opportunity to meet other students interested in science and technology, and get a chance to meet and learn from some of our successful science fair veterans.

The BASEF-developed Science Success! materials continue to be utilized on the regional, national and international level. BASEF committee members regularly volunteer their time to assist teachers through judging at school science fairs, mentoring students and easing newcomers through the myriad of required rules, regulations and scientific review requirements.

BASEF 2009 Highlights

- Over \$110,000 in cash, prizes, trips, scholarships and participation awards.
- Activity Day events sponsored by Bell Canada included the McMaster Engineering Fireball Show, McMaster COOL Chem Cabaret, Niagara Wind Power’s local alternative energy applications, BASEF Alumnus Ben Gulak, and a Working Windmill construction contest
- 16 students won all-expense paid trips to compete in the Canada Wide Science Fair in Winnipeg, Manitoba, accompanied by 4 chaperones.
- 4 high school students won all-expense paid trips to compete in the Intel International Science & Engineering Fair in Reno, Nevada, along with 2 chaperones.
- 77 students received Merit Awards, \$4,815 in cash, and \$38,500 in scholarships.
- 146 special awards were received, totalling \$13,850 cash plus \$3500 in scholarships.



Financial Highlights

Summary of Disbursements as at August 31, 2009

Expense Summary	%	
Students: Awards/Recognition/Activities	89.2%	\$66,851
Site & Judging	6.0%	\$4,509
Administration	4.5%	\$3,379
Outreach	0.2%	\$176
Information Services	0.0%	\$0
Total Expenses		\$74,915

Statement of Operations - Fund Balance

For the period of September 1, 2008 - August 31, 2009
(unaudited, with comparative amounts for the year ended August 31, 2008)

Revenue	2009	2008
General	\$56,200	\$71,025
Special Awards	\$12,850	\$14,100
Memorial Fund	\$400	\$565
Interest/GST rebate	\$664	\$1,044
Total Revenue	\$70,114	\$86,734
Total Expenses	\$74,915	\$80,688
Excess of Revenue over Expenses	-\$4,801	\$6,046
Fund Balance-Beginning of Year	\$20,796	\$14,750
Fund Balance-End of Period	\$15,995	\$20,796

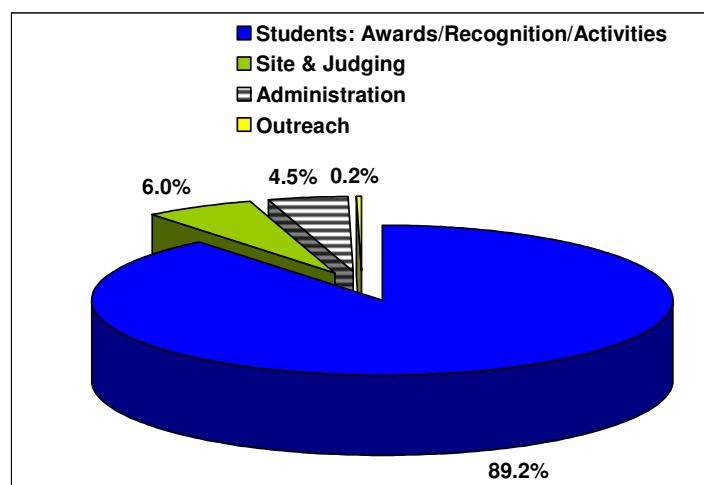
Administrative Expenses as at August 31, 2009

Administration Expenses	%	
Office Expenses	36.1%	\$1,220
Ceremony/Sponsor Recognition	30.6%	\$1,034
Registration	17.5%	\$590
Fundraising, Marketing	4.9%	\$165
Bank Charges/Interest	8.4%	\$283
Volunteers	2.6%	\$87
Total Administration		\$3,379

Disbursements to Students as at August 31, 2009

Student : Awards, Recognition, Activities		
Participation Awards	4.0%	\$2,653
Student Activities	0.0%	\$0
Trophies & Medals	0.0%	\$0
Photography	0.6%	\$423
Merit Awards	7.2%	\$4,815
Special Awards	20.6%	\$13,778
CWSF	46.6%	\$31,170
Intel ISEF	21.0%	\$14,012
Total to Students		\$66,851

Disbursements by Expense Category



Notes:

- Sponsors donating in-kind services continued to help us provide an exceptional experience for BASEF participants. Key donations included: printing, posters, newspaper advertising, winners' jackets, school bussing, photo ID tags, phone services, accounting and web hosting.
- Student awards, recognition and activities were 89% of the total expenses of \$74,915. In addition to these disbursements to students, each participant received a goody bag, and all medal winners (77 students) received \$500 entrance scholarships to either Mohawk or Sheridan College.
- BASEF awarded over \$110,000 in prizes; one of the largest prize purses of regional fairs in Canada.
- BASEF administers the cash awards donated by most sponsors for Special Awards.
- 36 sponsors provided support for BASEF 2009 and we welcomed several new sponsors.
- 20 BASEF students accompanied by 6 adult chaperones competed at the national and international science fairs in May.

Our Top 20 students won trips to either the Canada Wide Science Fair (CWSF) in Winnipeg, Manitoba, or to the Intel International Science and Engineering Fair (IISEF) held in Reno, Nevada (both in May 2009).



Team IISEF 2009



Team BASEF 2009

CWSF 2009 Awards

BRONZE MEDAL AWARDS:

"Which Way is North", by Sylvie Bronsard & Emily Agar. HWDSB, Dalewood Senior ES, grade 8. Award was in the Physical & Math Science junior division and included a cheque for \$300. Also, both students won a University of Western Ontario entrance scholarship worth \$1000.

"We're Still Not Plastic Bags, Perfecting the Perfect Plastic", by Sophia Coulter-English & Gillian Walczak. HCDSB, Notre Dame SS, grade 10. This award was in the Engineering intermediate division and included a cheque for \$300. This project also won an honourable mention award in the Environmental Innovation division and included a cheque for \$100. Also, both Gillian & Sophia won a University of Western Ontario entrance scholarship worth \$1000.

"Even Cleaner Even Greener", by Madison Dobrovolskis & Hannah Morris-Patterson. Hillfield Strathallan College, grade 9. This award was in the Physical & Math Science intermediate division and included a cheque for \$300. Also, both students won a University of Western Ontario entrance scholarship worth \$1000.

HONOURABLE MENTION AWARD:

"Beware! of Potatoes", by Ryan Ramos, Appleby College, grade 8. This award was won in the Life Sciences junior division and includes a \$100 cheque.

Sponsors	Title Sponsor: ArcelorMittal Dofasco	
Diamond (\$10000+) Primary Fluid Systems Mohawk College	Platinum (\$5000+) Bell Canada McMaster U Sheridan College Hamilton Spectator	Silver (\$1000+): Boehringer Ingelheim, Canadian Linen & Uniform Service, City of Hamilton Economic Development Dept, Edward Oldham, Halton Catholic District School Board, Halton District School Board, Halton Region Business Development Centre, Hamilton Halton Construction Association, Hamilton-Wentworth Catholic District School Board, Hamilton-Wentworth District School Board, Hillfield-Strathallan College, Horne LLP Chartered Accountants, SciTech Ontario, Seldon Griffin Graphics,
	Gold (\$2500+) LifeTouch Union Gas Ltd.	
Bronze (\$500+) Accuworx, Inc, Deloitte and Touche LLP; DENM Engineering Ltd, Hamilton Community Awareness and Emergency Response; Hamilton Clean City Liaison Committee, John Deere Foundation of Canada, Pioneer Hi-Bred, Spectrum Educationaland our many sponsors at the Friends level.		