

BASEF Annual Report 2008

Big ideas. Infinite possibilities.

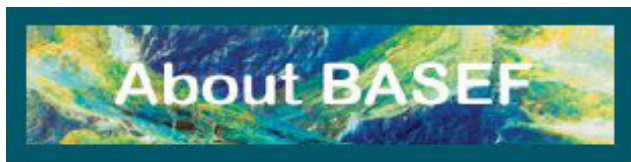


Bay Area Science and
Engineering Fair

Sponsored by
ArcelorMittal Dofasco



Get in touch with the scientist in you.
www.basef.ca



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 48th Annual Regional Fair at Sheridan Institute of Technology and Advanced Learning. Sheridan’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.

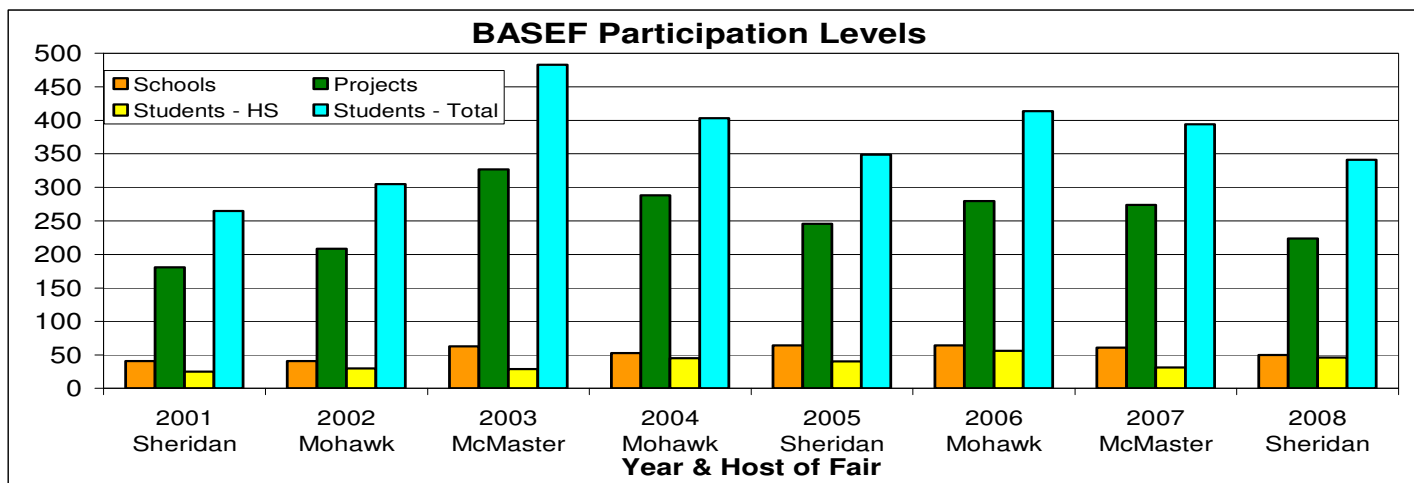
All student participants received a goody bag containing the official BASEF 2008 t-shirt, a photo of their project and other miscellaneous items donated by sponsors.

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 2008 Highlights

- Over \$122,000 in cash, prizes, trips, scholarships and participation awards.
- 16 students won all-expense paid trips to compete in the Canada Wide Science Fair in Ottawa, Ontario, accompanied by 4 chaperones.
- 4 high school students won all-expense paid trips to compete in the Intel International Science & Engineering Fair in Atlanta, Georgia, along with 2 chaperones.
- 115 students received Merit Awards, \$4,795 in cash, and \$57,500 in scholarships.
- 151 special awards were received, totalling \$13,775 cash plus \$3250 in scholarships.



Financial Highlights

Summary of Disbursements as at August 31, 2008

Expense Summary	
Students: Awards/Recognition/Activities	\$62,116
Site & Judging	\$12,500
Outreach	\$275
Administration	\$5,509
Information Services	\$288
Total Expenses	\$80,688

Statement of Operations - Fund Balance

For the period of September 1, 2007 - August 31, 2008
(unaudited, with comparative amounts for the year ended August 31, 2007)

Revenue	2008	2007
General	\$71,025	\$73,625
Special Awards	\$14,100	\$13,000
Memorial Fund	\$565	\$0
Interest/GST rebate	\$1,044	\$1,568
Total Revenue	\$86,734	\$88,193
Total Expenses	\$80,688	\$90,253
Excess of Revenue over Expenses	\$6,046	-\$2,060
Fund Balance-Beginning of Year	\$14,750	\$16,810
Fund Balance-End of Period	\$20,796	\$14,750

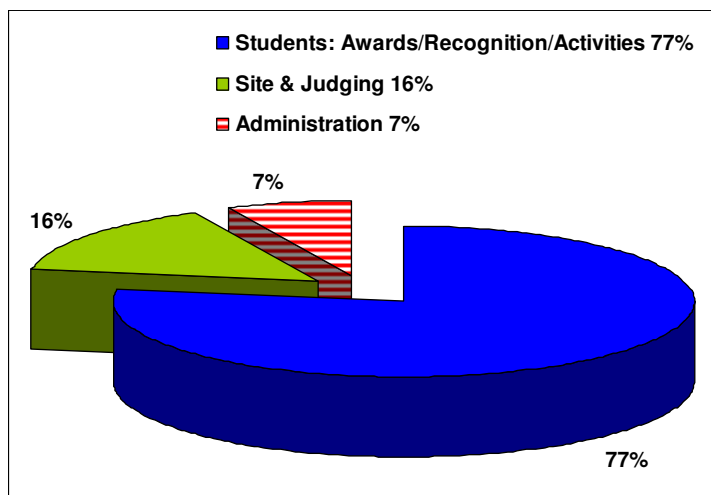
Administrative Expenses as at August 31, 2008

Administration Expenses	
Office Expenses	\$1,813
Ceremony/Sponsor Recognition	\$1,786
Registration	\$640
Fundraising, Marketing	\$620
Bank Charges/Interest	\$503
Volunteers	\$147
Total Administration	\$5,509

Disbursements to Students as at August 31, 2008

Student : Awards, Recognition, Activities	
Participation Awards	\$2,774
Student Activities	\$565
Trophies & Medals	\$268
Photography	\$492
Merit Awards	\$4,795
Special Awards	\$13,775
CWSF	\$26,444
Intel ISEF	\$13,003
Total to Students	\$62,116

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, newspaper advertising, banner printing, photo ID tags, accounting and web hosting.
- Student awards, recognition and activities were 77% of the total expenses of \$80,688. In addition to these disbursements to students, each participant received a goody bag, and all medal winners (115 students) received \$500 entrance scholarships to either Mohawk or Sheridan College.
- BASEF awarded over \$122,000 in prizes; one of the largest prize purses of regional fairs in Canada.
- BASEF administers the cash awards donated by sponsors for Special Awards.
- 38 sponsors provided support for BASEF 2008 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 Ottawa, or to the Intel International Science and Engineering Fair (IISEF) held in Atlanta, Georgia (both in May 2008).



Team IISEF 2008



Team BASEF 2008

CWSF 2008 Awards

"Pykrete, the new concrete?" won a **GOLD MEDAL** (Physical and Mathematical Sciences), worth \$1500 as well as a UWO Entrance Scholarship (\$2000). The students were Scott Cameron and Alan Stagg from W.H. Morden Public School.

"Microarray Profiling of Gene Expression in the Normal Aging Brain of Drosophila" won a **GOLD MEDAL** (Life Sciences) and \$1500 for Aaron Hakim from Appleby College. He also won the Quality of Life Student Research Award, valued at \$3750. Aaron won as well, the NSERC Undergraduate Student Research Award, with a base value of \$5625. In addition, Aaron won also entrance scholarships to the following universities: Dalhousie (\$4000), Western Ontario (\$2000), Ottawa (\$20,000!!!) and UBC (\$4000). Aaron's total winnings are over \$40000!

Tatjana Medakovic and Wardah Nasir, who attended Sir Wilfrid Laurier Public School, won a **SILVER MEDAL** (Biotechnology & Pharmaceutical Sciences), and \$700 for their project on environmentally friendly insecticides entitled, "Quit Buggin". As well they won UWO scholarships worth \$1500.

Eric Dyer, a home schooled student from Burlington, won an **Honorable Mention** (Earth & Environmental Science), and \$100 for his project, "Trip the Light Fantastic".

Intel ISEF 2008 Awards

Romita Sur, of Hillfield Strathallan College, won a **4th Place** (\$500) in Medicine and Health Sciences with her project "I Have Seen the Light 2! A Model for calculation of treatment time for Photodynamic Therapy".

Sponsors	Title Sponsor: ArcelorMittal Dofasco	
Diamond (\$10000+) Primary Fluid Systems Hamilton Spectator Sheridan College	Platinum (\$5000+) Bell Canada McMaster U Mohawk College	Silver (\$1000+): Boehringer Ingelheim, Bruce Riddiough, Canadian Linen & Uniform Service, Chrysler Canada, City of Hamilton Economic Development Dept., Comstock Canada Ltd., DENM Engineering Ltd., Edward Oldham, Gandinnovations, Halton Region Business Development Centre, Halton Catholic District School Board, Halton District School Board, Hamilton-Wentworth Catholic District SB, Hamilton-Wentworth District SB, Hamilton Halton Construction Association, Hamilton Industrial Environmental Association, Hillfield-Strathallan College, Rotary Club of Hamilton, SciTech Ontario, Seldon Griffin Graphics, Triple Crown Enterprises Ltd., Union Gas Limited
	Gold (\$2500+) LifeTouch	
Bronze (\$500+) Deloitte and Touche LLP; Hamilton Community Awareness and Emergency Response; Investigative Science Inc.; OACETT; Optimist Club of Hamilton; Pioneer Hi-Bredand our many sponsors at the Friends level.		