



**ENERGY and the Let's Talk Science
Partnership Program Science Fair
Mentorship Program
Application form for students in grades
9-12**

Attention Future Science Fair Participants!

Are you hoping to present a project at your 2008 Regional Science Fair (i.e.: Bay Area Science and Engineering Fair)? Perhaps compete further to the Canada-Wide Science Fair (CWSF) or the INTEL International Science and Engineering Fair (ISEF)? Do you have some ideas but need help finding equipment, special materials, or an expert to answer your questions? Then the Educational Network Encouraging and Guiding Youth (ENERGY) and the Let's Talk Science Partnership Program may be for you!

About the Program

Educational Network Encouraging and Guiding Youth (ENERGY) Program and the Let's Talk Science Partnership Program at McMaster University have partnered to provide students in grades 9-12 with the resources they need to investigate scientific questions of interest to them. ENERGY is a new initiative run by science fair alumni in various chapters throughout Canada including: University of British Columbia and McMaster University, and aims towards providing equal mentorship opportunity for science fairs. Let's Talk Science (LTS) is a national organization that strives to improve Science literacy through leadership, innovative educational programs, research and advocacy. We motivate and empower youth to use science, technology and engineering to develop critical skills, knowledge and attitudes needed to thrive in our world. The LTS Partnership Program (PP) is a volunteer-driven science outreach program operating through 23 postsecondary institutions across Canada. For more information visit the website at www.letstalkscience.ca/main.

Program: students are provided with a database of mentors - first, a university or industry expert in your field of interest will answer your science and technology-related questions, and may also assist by providing technical advice or access to journal articles. Second, a former Canada-Wide Science Fair participant or LTSP volunteer will provide support as you develop your project and prepare it for judging. Thirdly, we will be implementing a new forum system which allows for input from a wide variety of people, and also suggestions from science fair alumni from all around Canada! This forum will soon be found at the <http://www.science.mcmaster.ca/lts/>.

How to apply

All interested students should complete the attached application form and submit it by fax or email no later than **November 9, 2007**. While you do not have to formulate a specific hypothesis in order to complete the application, you should have a general idea of the question that your project will address. Please keep in mind that your mentors will not tell you what to study or what experiments to do – you must plan these yourself! However, if you know that you will need a specific type of assistance (eg. access to a journal article), be sure to include this on the application form. Please note that a maximum of four applicants per school will be accepted, based on the quality of the project proposal and availability of mentors.

Dates to remember – more TBA (To be Announced)!

November 9, 2007	Application due (see details on application form)
November 12, 2007	Successful applicants notified
January 18, 2008	Project progress report due
February-March, 2008	School and District Science Fairs (if applicable)
March 26-29, 2008	Bay Area Science and Engineering Fair – Sheridan Institute of Technology

Further Information: Questions? Please email Diana and Tenneille at energy.mcmaster@gmail.com, or phone at tel: (905) 525-9140 x. 27562, and fax: (905) 522-2509.



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Student Information: *Please type or print clearly*

First name: _____ Last name: _____

School: _____ Grade: _____ Sponsor Teacher: _____

Phone (home): _____ Phone (alternate): _____ Email: _____

Have you ever participated in the Bay Area Science and Engineering Fair? Yes No

Have you ever participated in the Canada-Wide Science Fair? Yes No

Have you ever participated in the International Science and Engineering Fair? Yes No

Teacher Information

First name: _____ Last name: _____

School address: _____

School phone: _____ Fax: _____ Email: _____

Project Information

1. In which category do you expect your science fair project to fit?

- Biotechnology
- Earth and Environmental Sciences
- Engineering and Computational Sciences
- Health Sciences
- Life Sciences
- Physical and Mathematical Sciences

2. Please describe, in detail, any specific needs that you anticipate you will have with respect to the work required for your project.



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3. In the space below, please provide a brief description of your proposed project, including a summary of any relevant background. How will you benefit from the help of a mentor?

Signatures: Please fill out this section by hand. If emailing your application, you must scan this section.

Student	All information provided in this application is correct.		
	Name (please print)	Signature	Date
Teacher	I support _____'s application to participate in the ENERGY Science Fair Mentorship Program.		
	Name (please print)	Signature	Date
Parent or Guardian	I give permission for _____ to participate in the ENERGY Science Fair Mentorship Program.		
	Name (please print)	Signature	Date

DEADLINE FOR APPLICATION: Friday, November 9, 2007
Successful applicants will be notified by November 12, 2007.

Please **fax (905) 522-2509** your completed form to the ENERGY Science Fair Mentorship Program. You can also **email** it to energy.mcmaster@gmail.com, if you scan the final page (signatures must be original).