

**2200 Scotia Centre
700 - 2 Street SW
Calgary AB T2P 2W1**

**Telephone 403-262-7714
Fax 403-269-2787
email@apegga.org
www.apegga.org**



2012 APEGGA

**Science
Olympics**

Calgary

**General Information Package
and Registration Form**

**Saturday, February 25, 2012
8:30 a.m. - 4:30 p.m.
Stampede Park
Big Four Building, Hall C**

What is the APEGGA Science Olympics - Calgary?

Teams of students from Grades 1-12 will have an opportunity to get up close and personal with the principles and theories of science at the **2012 APEGGA Science Olympics – Calgary** on **Saturday, February 25**.

The **2012 APEGGA Science Olympics – Calgary** is an interactive science competition that allows students to see first-hand how science affects our everyday lives. Students are given a series of applications or problem-solving challenges that demonstrate the fun side of exploring science concepts. Events are team focused and follow the Alberta school curriculum. Students cover many content areas of scientific study, while learning to work and interact within a group. They use their science skills and ideas to develop creative solutions to problems.

This interschool event is organized by The Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) and the APEGGA Science Olympics – Calgary work group. The work group is comprised of Calgary area teachers and APEGGA members. APEGGA has organized and sponsored Science Olympics – Calgary since 2004.

Our primary goals are to provide a fun event where students can showcase their science talent, and to promote interest in science education and science careers.

We hope to see you and your team(s) at the **2012 APEGGA Science Olympics - Calgary** on Saturday, February 25, 2012 at Stampede Park, Big Four Building, Hall C.

Please help to promote this event at your school. Post the enclosed flyer in your school staff room. This General Information Package, the Registration Form and Poster can be downloaded at: www.apegga.org/k12/olympics/index.html

Questions? Need to Contact Us?

If you have any questions please contact us.

If you are interested in helping us coordinate this exciting event, we would love to hear from you. We are always looking for people to join the organizing work group or serve as a judge.

Event Information/ Registration/Volunteering

Fayrose Abdallah
Outreach Coordinator
APEGGA
Phone: 403-262-7714
Fax: 403-269-2787
E-mail: fabdallah@apegga.org

Awards

All participants receive a small keepsake and a certificate recognizing their participation in the **2012 APEGGA Science Olympics - Calgary.**

Division I – Each team will be recognized for their efforts with a stamped certificate and an award based on their performance.

Division II – Gold, Silver and Bronze certificates will be awarded in each event. First, second and third place medals will be awarded to the top three teams overall in the division.

Division III and IV – Gold, Silver and Bronze medals will be awarded in each event. First, second and third place teams overall for Division III and Division IV will receive plaques, as well as a plaque for their school.

The overall winners from each division and photographs from the event will be posted on APEGGA's website at www.apegga.org

The Challenge

The Science Olympics consists of two types of events:

- work-at-home events, which are made in advance and brought to the Science Olympics for on-site testing and judging or practiced in advance and performed the day of the Science Olympics
- mystery events, which are solved the day of the Science Olympics with no pre-planning

Division I and II participate for half a day in the morning. They take part in two mystery events and one work-at-home event. **Division III and IV** participate all day and typically take part in four mystery events and one work-at-home event.

The Event Package

The Event Package, containing information about the day's activities as well as details of the work-at-home events, will be made available for download from a secure website. The URL will be emailed to registered teams on **November 7, 2011.**

To Enter

Registration Fee

Divisions I and II: \$20 per team

Divisions III and IV: \$35 per team

Registration fee is non-refundable.

Teams

Each team consists of five students and one coach who may be a teacher or parent.

Registration

Completed registrations will be accepted on a first-come, first-served basis. Complete the online registration form or return the enclosed registration form and registration fee payable to **APEGGA**. If you wish to pay by credit card, see the registration form for contact information.

APEGGA Outreach
2200 Scotia Centre
700 - 2 Street SW
Calgary AB T2P 2W1

Registration deadline: Friday, November 4, 2011

A maximum of 25 teams per division will be accepted.

Important note:

Registrations are not complete unless the registration fee has been paid. Faxes, e-mails or phone calls will NOT guarantee a spot at the Science Olympics.

Additional Details

Location

Stampede Park, Big Four Building, Hall C

Access by C-Train or buses. At the time of printing Stampede Park parking is \$13 payable in cash, Visa, MasterCard or American Express. Reduced parking rates of \$8 are available in parking lots 8 and 11a which are respectively at the south and north end of Stampede Park. Lots 8 and 11a are an 8 minute walk from the Big Four Building. If you are dropping off Science Olympics participants and exiting the park within a half hour of entry, parking officers will refund the amount paid at the gate. If parking rates increase in 2011, APEGGA will notify registered teams.

Photos

The Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) will be taking photographs of teams and activities during the APEGGA Science Olympics - Calgary. These images are being collected for use in promoting science and technology events, and they may be made public by means of printed or electronic publication. Individuals' names will not be published, however school names may be published if applicable. Based on the privacy protection policies of your school board, please share this information with student participants or their parents or guardians as required.