



## 2010 Chemistry Olympiad

### *A Competition for Talented High School Chemistry Students*

#### Goals of the Chemistry Olympiad

- To stimulate all young people to achieve excellence in chemistry.
- To recognize outstanding chemistry students and, by doing so, encourage additional learning at a formative time in their intellectual development.
- To recognize the excellent achievement of the teachers of these students and the importance of the school environment in which they learn.
- To provide contact between the ACS local sections and area schools and foster the interest and influence of professional chemists in the teaching of chemistry.
- To challenge the chemical knowledge and skills of young students in an international arena
- To foster cross cultural experiences and acquaint students with similarities and differences between the other nations.

#### 2010 Chemistry Olympiad Competition

The Chicago Section, ACS is pleased to announce its search for nominees to compete for national positions on the U.S. Team that will enter the International Chemistry Olympiad (IChO) competition. This is a highly competitive selection process. If you feel that you have students of outstanding abilities in chemistry, please nominate them to compete in the qualifying exam.

- **The Local and National exams will be held at Loyola University Chicago, 6525 N. Sheridan Rd., Chicago, Illinois, 60626, Room 204 in Flanner Hall.**
- Registration is at 8:30 am. Both exams start promptly at 9:00 am.
- Each participant will need a photo identification card to take either exam.
- To preview **Local and National Exams**, past winners, and other general information about the Chemistry Olympiad visit [www.acs.org](http://www.acs.org) Click on the Education link, Students, Chemistry Olympiad.

#### Local Chemistry Olympiad Exam: **Friday, March 5, 2009**

The top 22 performing students from the Local Exam will be invited to take the National Chemistry Olympiad Exam. The maximum number of students to advance to the National Exam is based on local section membership and cannot be changed.

#### National Chemistry Olympiad Exam: **Friday, April 23, 2009**

The top twenty students from the United States will attend a study camp **from June 9-24, 2010** at the U.S. Air Force Academy in Colorado. Out of this group, four students will enter the IChO being **hosted by Japan July 19-28, 2010, in Tokyo**. Please review the rules for the Chemistry Olympiad competition.

**Confirmation of registration and detailed test date information will be emailed to teachers after Friday, February 26, 2010.**

## Rules for Participation in the 2010 Chemistry Olympiad Competition

1. All participating students **MUST BE U.S. CITIZENS** on the day of the national examination. They must be eligible for a U.S. passport. Green card holders are not eligible.
2. Regularly enrolled high school students who will graduate no earlier than the **Spring of 2010** are eligible.
3. A student's birth date must be after **July 31, 1990**
4. No more than **four students per teacher** or **per high school may be nominated** to take the local exam. In the case of magnet programs or split enrollment, students' school is defined as the high school where students take science class.
5. Eligible students who have previously attended the study camp automatically qualify for the national exam and do not count against the limit on number of eligible students from their local section or school.
6. Winners of gold medal at the International Chemistry Olympiad, are not eligible to compete in subsequent USNCO study camps. Winners of silver or bronze medals are eligible to return.
7. Students who have taken AP courses in chemistry are eligible. Likewise, students who have received credit for college courses (limited to no more than two semesters or three quarters beyond general chemistry) are eligible.
8. A student may participate only in the competition of the section in which the student's high school is located. If the section is not participating, the USNCO national office will assign the student to a section.
9. A student who participates in the Physics Olympiad study camp, the Mathematics Olympiad, or the Biology study camp is not eligible to participate in the Chemistry Olympiad study camp during the same summer.

**NOTE: Up to 10% of the questions on both the Local and National Exams will pertain to organic chemistry (nomenclature, functional groups, stereochemistry, and basic properties).**

## Registration for the 2010 ACS Chemistry Olympiad Competition

**Please email the required information below by Friday, February 26, 2010 to: [acs\\_exams@yahoo.com](mailto:acs_exams@yahoo.com). Please specify "USNCO Nomination" in the subject line.**

- **Teacher Information:** Your NAME, PHONE NUMBER and EMAIL
- **School Information:** School NAME, ADDRESS (Street/City/State/Zip) and PHONE NUMBER
- **Student Information:**

**Please provide the following information for each of up to FOUR eligible students:**

**Remember, all participating students MUST BE U.S. CITIZENS** on the day of the national examination. They must be eligible for a U.S. passport. Green card holders are not eligible.

- **US Citizen (You must specify "YES")**
- **Student NAME (LAST, First)**
- **Student HOME ADDRESS (Street/City/State/Zip)**
- **Student Home Phone Number**
- **Student Birthdate**