

SERMACS 2009 Undergraduate Program at a Glance

All Undergraduate Program events will take place at the **San Juan Convention Center**, 100 Convention Boulevard, San Juan, PR 00907 Tel: (787) 641-PRCC (7722)

Wednesday, October 21

Chemistry Ethics Workshop 1:00 – 4:00 PM Room 102B

Exhibits 6:00 – 8:00 PM Exhibit Hall C

Thursday, October 22

Nobel Laureate Plenary Lecture : Dr. Roald Hoffman, Cornell University, Ithaca, NY, USA, “*The Chemical Imagination at Work in Very Tight Places*”, **8:30 – 9:30 AM. Ballroom A**

ACS Job Search Strategies Workshop, 9:30 – 11:00 AM Room 208-B

ACS Resume Review Workshop, 11:00 – 12:00 PM Room 208-B

Graduate School Fair: Undergraduate students can interact with representatives of different graduate schools and learn more about the research programs available at these universities as well as their chances of getting accepted into these graduate programs. **10:00 AM – 5:00 PM Exhibit Hall C**

Exhibits 9:00 AM – 7:00 PM Exhibit Hall C

Undergraduate Oral Presentations, Technical Program. (AM) 10:00 – 12:00 PM; (PM) 3:00-5:00.

Luncheon with Nobel Laureates and SAACS Recognitions (awards)

Informal luncheon with the Nobel Laureates. An excellent opportunity for students to hear an inspirational talk by a laureate and exchange ideas with the Nobel Prize winners in an informal setting on important issues and the opportunities available for them in the chemistry profession. **12:00 – 1:30 PM Room 101 A**

Nobel Laureate Plenary Lecture : Dr. Harry Kroto, Florida State University, Florida, USA “*Architecture in NanoSpace*“. **1:30 – 2:30 PM Ballroom A**

ACS Interviewing Skills Workshop 3:00 – 5:00 PM Room 208-B

Undergraduate Poster Session. 5:00 – 7:00 PM Exhibit Hall C

Puertorrican Night (social). 7:30 – 11:00 PM Ballroom

Friday, October 23

Festival de Química.- NCW Celebration Outreach Event.

Student Member Chapters will conduct hands on demonstrations associated with an element of the Periodic Table and related to the NCW theme: “Chemistry-It’s Elemental”. **8:30 AM – 12:00 PM Paseo de la Fuente-Convention Center's District**

Exhibits 9:00 – 4:00 PM Exhibition Hall C

Technical Program 8:30 – 12:00 PM; 1:30-6:00 PM

Workshops for 4th-6th grades students: *History, Chemistry, and Art of the Elements*
(Two sessions) 9:00 – 10:30 and 10:30-12:00 PM.

Awards Luncheon 12:00 – 1:30 PM Room 101 A

Friday, October 23 (continued)

University of Puerto Rico Graduate School Tour (Río Piedras Campus) The Student Members Chapter will be in charge of hosting those interested in visiting the facilities and in learning more about graduate school opportunities at UPR- Río Piedras. **2:00 – 4:00 p.m. Departing from the Registration Area: 1:45 PM.**

Workshop: *History, Chemistry, and Art of the Elements* This symposium will embrace topics on elements known from ancient times and their uses today, through the spectrum of elemental discoveries to elements that exist only as a few atoms. Talks surrounding elements that never existed at all which marked the false starts along the way to actual discoveries will also be considered. **Organizer: Sister Mary Virginia Orna,**

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| 1:30 PM | Our Periodic Table Was Not Always This Way
Mary Virginia Orna, Marco Fontani, M. Costa |
| 1:55 | Chemistry on Stamps: An Elemental History
Daniel Rabinovich |
| 2:20 | Short History and Update: Chemistry of Copper Art Panels
Cheryl Safren |
| 3:00 | The Elements, a Visual Catalog of Everything You Can Drop on Your Foot
Theodore Gray |
| 3:40 | Intermission |
| 3:55 | One-Atom-at-a-Time Chemistry of the Heaviest Elements
Darleane Hoffman |
| 4:35 | Elementeo: The Game of the Elements
Anshul Samar |
| 5:15 | Concluding Remarks |

Social: Casa Olímpica, Old San Juan. 6:00 –8:30 PM.

Saturday, October 24

American Association for the Advancement of Science (AAAS) Caribbean Division Annual Conference
The AAAS-Caribbean Division will held its 24th Annual Conference (AAAS-CD 09) jointly with SERMACS 2009. "Astronomy and the Origin of Life" will be the theme of the AAAS-CD 09 Conference to celebrate the International Year of Astronomy, the 200th anniversary of Charles Darwin's birth, and the 150th anniversary of the publication of his book "On the Origin of Species". We are delighted to announce that our plenary speaker will be Professor Antonio Lazcano, from the National Autonomous University of Mexico (UNAM). In addition, this year's conference will be dedicated to Professor Daniel Altschuler, former Director of the Arecibo Observatory and an advocate for science literacy. The conference will also include scientific sessions, teachers and students workshops. The Robert I. Larus award will be presented to the best graduate student poster.

AAAS Plenary Lecture: Darwin and microorganisms, Antonio Lazcano, 8:30 – 10:00 AM. Room 208

AAAS General Scientific Session 10:30 AM – 12:30 PM. Room 208-B

AAAS Teachers Workshop 10:30 AM – 12:30 PM Room 208-B

AAAS Student Workshop: Chemistry-It's Elemental- (Elementary School) 10:30 AM – 12:30 PM Terrace

AAAS Student Workshop: Chemistry-It's Elemental (Middle School) 10:30 AM – 12:30 PM Terrace

AAAS Student Workshop: Chemistry-It's Elemental (High School) 10:30 AM – 12:30 PM Terrace

AAAS Astronomy Session: Kepler and the International Year of Astronomy 1:30 - 3:30 PM 208-B