



Society for Analytical Chemists of Pittsburgh

300 Penn Center Boulevard, Suite 332, Pittsburgh, PA 15235-5503

Phone 412-825-3220 / FAX: 412-825-3224

e-mail: sacpinfo@pittcon.org / www.sacp.org

SACP SUMMER INTERNSHIP PROGRAM

The Society for Analytical Chemists of Pittsburgh (SACP) will sponsor two internships during the summer of 2009. Chemistry, chemistry education or biochemistry majors who are currently juniors are eligible for the program. Senior chemistry majors who plan to pursue graduate studies in the fall of 2009 may also apply. Internships are tentatively available at the following company and institution:

Carnegie Science Center (2 positions)

PPG Industries, Inc. – Monroeville Research Center (1 position)

Attached is a brief description of each company and the work to which the student will perform during internship. The internships are for approximately three months, with a monthly stipend of \$1,000. (Although the funding for the PPG Industries internship is currently approved, the internship funding may be withdrawn as a result of economic conditions resulting in a cancellation of this internship.)

To apply for one of the positions, the following are required:

1. A letter expressing your interests in chemistry.
2. Your first and second preferences for the location of your internship.
3. A letter of recommendation from your chemistry professor and/or chemistry advisor.
4. A current transcript. (Transcript does not have to be official.)
5. Current school and home addresses and telephone numbers.

Application Deadline: March 15, 2009

Application materials are to be sent to:

SACP
Summer Internship Program
300 Penn Center Blvd, Suite 332
Pittsburgh, PA 15235-5503

Chemistry Internship at Carnegie Science Center

Dates: Summer of 2009

Hours: approx. 30 hours per week, including one weekend day. Occasional evenings.

Eligible: Senior Chemistry or Chemistry Education Majors

Intern Supervisor: Mike Hennessy, Program Production Coordinator, CSC.

Location: Carnegie Science Center, North Shore (Pittsburgh)

Description: This chemistry internship at Carnegie Science Center is a truly unique experience. It provides the opportunity for students of chemistry to demonstrate their excitement for science while honing interpersonal and public speaking skills. This internship is ideal for a student of chemistry who may be considering science education as a career. The Chemistry Intern is responsible for the following tasks:

- Presenting science demonstrations to visitors of various ages in the Science Theaters; preparing the materials, conducting the activities with visitors.
- Supervising and maintaining the chemistry prep room; maintain inventory of chemical supply
- Assisting theater presenters in preparing chemicals, props, equipment, and supplies for science demonstration programs
- Conducting research in preparation for future science demonstration programs; must prepare a final report and submit to Carnegie Science Center and Internship Advisor.
- Mastering the presentation of three or more large-audience science demonstration programs
- Upholding our commitment to customer service, our mission to provide science education and inspiration, and our commitment to respecting diversity.

Parameters:

- Not responsible for administering first aid or CPR
- Must attend all staff trainings as scheduled
- Must demonstrate proficiency in all areas before working independently including cryogenics and flammables.

Summer Intern Position

PPG Industries

PPG Industries is accepting applications for a summer Internship at its Monroeville Research Center. Dates of the appointment are flexible, but would generally begin in May and end in August, 2009.

The Internship involves working in the spectroscopy and chromatography areas of an industrial analytical department. Preparation and processing of analysis requests, particularly in NMR, mass spec and GC are key functions of the position. Another aspect involves the investigation of impurities formed in the distillation process of inorganic treatment for glass plates. A successful candidate will show an interest in the workings of an industrial analytical lab and in studying the formation of inorganic coordination compounds, separation of complex mixtures and product characterization by spectroscopic and chromatographic methods. Well developed skills in literature searches, computer data entry and theory of spectroscopic methods are necessary for meaningful contribution. Some travel among the three PPG Research Centers in the Pittsburgh area is anticipated.