



## **Society for Analytical Chemists of Pittsburgh**

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### **2008 Undergraduate Analytical Research Program (UARP)**

#### ***Information for Applicants and Their Institutions\****

The Society for Analytical Chemists of Pittsburgh will award a first place grant of \$10,000 and a second place grant of \$5,000 to promote high-quality, innovative undergraduate research in the field of analytical chemistry. The objective of this grant is to promote training and development of undergraduate students in the field of analytical chemistry. Before continuing, please read the note at the end of this letter.

#### **ELIGIBILITY**

Chemistry faculty at U.S. colleges and universities not having a graduate program in the chemical sciences are eligible to apply. The faculty member must currently be conducting or planning to conduct research in the field of analytical chemistry with the assistance of undergraduate students. Faculty from branch campuses of universities with graduate programs are permitted to apply provided that only undergraduate programs are available at the branch campus. Award winners will not be able to apply for future awards under this program for a period of three years.

#### **SELECTION CRITERIA**

The criteria that will be used by the SACP UARP Grant Committee to select the award winner are as follows:

1. The scientific merit of the proposal.
2. The impact of the proposal on the field of analytical chemistry.
3. The impact of the proposal on the development of undergraduate students who are working towards a degree in chemistry.
4. A demonstrated need for funding.

#### **RESTRICTIONS ON THE USE OF FUNDS**

The funds will be payable to the awardee's department and must be deposited in a research account for the awardee. The funds must be free from overhead deductions. The funds must be used for research. They can not be used for travel or personal expenses. They can not be used to pay faculty salaries, but can be used to provide funds to undergraduate students to conduct research in one of two ways:

- a.) Provide tuition remuneration for the credits obtained by performing the research.
- b.) Provide a stipend to a student for the time spent performing research during the summer. Students may receive either (a) or (b), but not both.
- c.) This proposal shall not be considered as an **Equipment Grant**. A **SMALL** amount can be used for the purchase of some minor equipment. The main focus is best expressed in Item 3 in Selection Criteria.

The funds from this grant may not be combined with funds obtained through any other SACP or Pittsburgh Conference-sponsored program in order to purchase equipment. A brief annual report on the use of the funds must be submitted to the SACP until all of the funding is used up. Funding from the SACP must be acknowledged in all publications of the results of research conducted with this grant.

Five (5) copies of the completed application should be sent to:

UARP Grant  
Society for Analytical Chemists of Pittsburgh  
300 Penn Center Blvd, Suite 332  
Pittsburgh, PA 15235-5503

**Applications must be received no later than March 14, 2008.** The award winner will be announced on Monday, May 19, 2008 at the SACP Annual Awards Dinner to be held at Duquesne University, Pittsburgh. You may check the SACP Web site ([www.sacp.org](http://www.sacp.org)) to download a copy of the application form and to find out the award winner.

**\* This application was sent to only one faculty member at each college or university. If someone else at your institution would be more appropriate to receive this information, please pass it on to him/her. We would also appreciate an E-mail message ([uarp@pittcon.org](mailto:uarp@pittcon.org)) with their names and addresses so we can include them in future grant announcements. Likewise if no one at your institution is conducting undergraduate research in analytical chemistry, please send an E-mail to [uarp@pittcon.org](mailto:uarp@pittcon.org) and we will remove your institution from our mailing list.**

#### **UARP AWARDEES For the Past Three Years**

##### **2006-2007**

Dulasiri D. Amarasiriwardena, PhD – Hampshire College – 1<sup>st</sup> Place Awardee  
Mark A. Nussbaum, PhD – Hillsdale College – 2<sup>nd</sup> Place Awardee

##### **2005-2006**

Rebecca W. Corbin, PhD - Ashland University – 1<sup>st</sup> Place Awardee  
Henry D. Schreiber, PhD - Virginia Military Institute – 2<sup>nd</sup> Place Awardee

##### **2004-2005**

Rebecca J. Whelan, PhD - Oberlin College

**( Pages 1 and 2 should be removed from the completed application)**

**2008 SACP UNDERGRADUATE ANALYTICAL RESEARCH PROGRAM  
GRANT APPLICATION**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Institution: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Title of Proposal: \_\_\_\_\_  
\_\_\_\_\_

Brief abstract (no more than ten typed lines):

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These funds must be free of overhead deductions. These funds must be used for research and funding for undergraduates, not for faculty salaries, travel, nor personal expenses. If this grant/award is approved, I/we agree to use the funds provided by the SACP for the purpose described in the this application, to abide by the restrictions on the use of the funds, to return any unused funds to the SACP, to provide appropriate public acknowledgement of the grant, and to submit all required reports.

Applicant's Name: \_\_\_\_\_  
typed signature date

Department Head: \_\_\_\_\_

University Official: \_\_\_\_\_

Title: \_\_\_\_\_

**2008 SACP UNDERGRADUATE ANALYTICAL RESEARCH PROGRAM  
GRANT APPLICATION**

Name: \_\_\_\_\_

Title of Proposed Research: \_\_\_\_\_  
\_\_\_\_\_

***PROPOSED RESEARCH PROGRAM AND ITS LONG-RANGE SIGNIFICANCE***  
(Limit discussion to this page and one optional page only)

## 2008 SACP UNDERGRADUATE ANALYTICAL RESEARCH PROGRAM GRANT APPLICATION

**BIOGRAPHICAL INFORMATION:** Please attach a copy of your CV. A condensed version is preferable.

**PAST UNDERGRADUATE RESEARCH:** In no more than 1 attached page, please describe past undergraduate research projects you have directed, if any.

### **DEPARTMENT STATISTICS**

Number of full-time faculty \_\_\_\_\_

Number of undergraduate chemistry majors \_\_\_\_\_

Number of undergraduate chemistry majors conducting research \_\_\_\_\_

Major equipment available to your group to conduct the proposed research (if it is a departmental resource, indicate the extent of your access to the equipment).

Other funding that is available (pending or already received) for your undergraduate research program.

## 2008 SACP UNDERGRADUATE ANALYTICAL RESEARCH PROGRAM GRANT APPLICATION

### ***PROPOSED BUDGET***

1. Number of students to be funded by this grant: \_\_\_\_\_
2. Will any of your students receive stipends for conducting this research? \_\_\_ Yes \_\_\_ No  
(if no, skip to 5 )
3. Proposed stipend per student (amount/period): \$\_\_\_\_\_ / \_\_\_\_\_(week, month, semester, etc.)
4. Total stipends (all students) \$\_\_\_\_\_
5. Will any of your students receive tuition remuneration from these funds? \_\_\_ Yes \_\_\_ No
6. If yes, how many students? \_\_\_\_\_ How many credits (total for all students)? \_\_\_\_\_
7. Current cost per credit: \$\_\_\_\_\_

Supplies (description and cost):

Equipment (description and cost):