

## Application Instructions

Physical Chemistry Symposium Workshop for Undergraduate Chemistry Majors  
Fall 2010 American Chemical Society National Meeting  
Boston, MA  
August 22 - 26, 2010

### A complete application consists of:

1. The one-page application form, to be completed by the student nominee
2. A copy of the student's undergraduate transcript (an unofficial copy is adequate)
3. The **institutional commitment form** completed by department chair or relevant official
4. One letter of recommendation from a faculty member who knows the nominee well.

### Instructions for the student nominee:

1. Complete the application form.
2. Request a letter of recommendation from a faculty member who is familiar with your work. Ask the faculty member to send the letter directly to the address shown below.
3. Obtain a financial commitment from your department chair or other relevant official. Use the institutional commitment form included as part of this packet.
4. Obtain a copy of your undergraduate transcript - an unofficial photocopy is adequate.
5. Mail your application form, the institutional commitment form, and your transcript to the address shown below.

Applications will start being processed on a rolling basis on Friday, February 12, but will be considered through March 1, 2010. All materials must be sent to:

Professor William F. Polik  
Department of Chemistry  
Hope College  
35 E. 12th Street  
Holland, MI  
Email: polik@hope.edu  
Fax: 616/395-7118

Nominees will be notified of the status of their applications in early March.

Questions? Contact Will Polik at 616/395-7639 or polik@hope.edu.

## Application Form

Physical Chemistry Symposium Workshop for Undergraduate Chemistry Majors  
Fall 2010 American Chemical Society National Meeting  
Boston, MA  
August 22 - 26, 2010

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

Email address: \_\_\_\_\_

College/university: \_\_\_\_\_

Spring 2010 mailing address: \_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

Anticipated graduation month/year: \_\_\_\_\_

Major field(s) of study: \_\_\_\_\_

American Chemical Society member?      Yes \_\_\_\_\_      No \_\_\_\_\_

List of all chemistry courses completed as of December 2009. Included course number and title.  
(If any courses have not been completed at home institution, include the name of the institution  
as well.)

Undergraduate research experiences completed prior to December 2009. Include a descriptive  
title of the project, dates of work, supervisor and location of work.

Please indicate which of the supported Physical Chemistry symposia (one or more) are of  
greatest interest to you.

## Institutional Commitment Form

Physical Chemistry Symposium Workshop for Undergraduate Chemistry Majors  
Fall 2010 American Chemical Society National Meeting  
Boston, MA  
August 22 - 26, 2010

---

*To be completed by the department chair or institutional official:*

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

Name of student nominee: \_\_\_\_\_

If selected for this program, my department/institution will support the nominee's attendance at the Fall 2010 ACS meeting in Boston, MA with a financial contribution of \$\_\_\_\_\_.

Signature: \_\_\_\_\_

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

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

---

*To be completed by the nominee:*

If selected for this program, I agree that the level of support provided by my institution will make it possible for me to attend all 5 days of the Fall 2010 ACS meeting in Boston, MA.

Signature: \_\_\_\_\_

Physical Chemistry Symposium Workshop for Undergraduate Chemistry Majors  
Fall 2010 American Chemical Society National Meeting  
Boston, MA  
August 22 - 26, 2010

**Introductory talks will be organized to support the following  
Physical Chemistry Division Symposia:**

*Electrons in Bio-Molecules*

Organizers: Jack P. Simons (University of Utah), J. Mathias Weber (University of Colorado)

*Molecular Systems for Efficient Solar Energy Conversion and Storage*

Organizers: Vivtor Batista, Charles Schmittenmaer, Gary Brudvig (Yale University)

*Challenges for Density Functional Theory*

Organizers: Weito Yang (Duke University), Xiaosong Li (University of Virginia)

*Physical Chemistry of Spectrochemical Analysis*

Organizers: Richard N. Zare (Stanford University), Brooks H. Pate (University of Virginia)

*Metals in Biology*

Organizers: Amy Palmer (University of Colorado), Thomas Brunold (University of Wisconsin)

*Hydrates, Interfaces, Aerosols, and Their Relationship to the Climate System*

Organizers: Veronica Vaida (University of Colorado), Stephen S. Brown (NOAA)

*Advances in Ion Mobility for Analysis and Characterization of Macromolecules*

Organizers: Michael T. Bowers (UC Santa Barbara), Erin Baker (PNNL)

*Chemical Computations on General-Purpose Graphics Processing Units*

Organizers: Thom H. Dunning (University of Illinois), Volodymyr Kindratenko (University of Illinois), Todd J. Martinez (Stanford University), Robert J. Harrison (ORNL), Jeffrey Madura (Duquesne University)