

Announcement from the American Chemical Society Division of Physical Chemistry

We encourage all those interested in physical chemistry to join the American Chemical Society Division of Physical Chemistry. This is a professional organization devoted to promoting the field of physical chemistry and enhancing the careers and research activities of its members. Information on the division and how to become a member can be found on our web site: <http://hackberry.chem.trinity.edu/PHYS/>.

Advantages to becoming a member include the following:

- The Division maintains a close relationship with the *Journal of Physical Chemistry*. Through the Division programs, and through cooperation with the *Journal of Physical Chemistry*, we seek to call attention to the vigorous and dynamic character of physical chemistry in this country and to stimulate intellectual cross-fertilization between the different fields of research in physical chemistry.
- Members receive, in advance, abstracts of the papers to be delivered in the Division of Physical Chemistry programs at national meetings of the American Chemical Society.
- Members receive a newsletter with the abstracts of the National meetings listing future symposia and divisional meetings, and giving the deadlines for submission of papers to be presented at these meetings.
- Members receive discounts on the purchase price of the complete bound books of meeting abstracts. Discounts for other books and journals are also available, and new arrangements are negotiated from time to time.
- The Division of Physical Chemistry is an affiliate of the American Institute of Physics, and members of the Division are eligible for a discount on various AIP publications including *The Journal of Chemical Physics*.
- The Division holds mixers at each national meeting of the American Chemical Society. These events are held in conjunction with a poster session and provide an excellent opportunity to meet other physical chemists.
- Members may vote and hold office in the Division and participate in its activities. Members and Affiliates are invited to suggest symposium topics, speakers, and organizers.
- The Division mounts important award symposia. The Debye, Hildebrand, and Theoretical Chemistry awards are given each year, and the Langmuir Award every other year by the American Chemical Society. In addition, the Pure Chemistry and Nobel Laureate Signature awards are frequent features in Division symposia.
- The Division has two subdivisions, Theoretical Chemistry and Biophysical Chemistry, which provide special services and participate in developing symposium topics at the national meetings. There is no additional charge for membership in either of these subdivisions.

Technical Program for the Spring 2001 Meeting of the American Chemical Society

The 221st American Chemical Society National Meeting will take place in San Diego, CA during the week of April 1–5, 2001. Dr. Richard Strat, 2001 Physical Chemistry Division Program Chair, has arranged for a broad range of topics in modern physical chemistry to be featured in symposia and a general poster session at this meeting. The topical symposia and their organizers are as follows:

- *Probing Molecular Aqueous Environments in Chemistry and Biology*, Teresa Head-Gordon, Lawrence Berkeley National Laboratory, TLHead-Gordon@lbl.gov, and Lawrence Pratt, Los Alamos National Laboratory, lrp@lanl.gov
- *Strong-Field Chemistry: Molecules and Clusters in Intense Laser Fields*, Robert Levis, Wayne State University, rjl@chem.wayne.edu, and A. Welford Castleman, Pennsylvania State University, awc@psu.edu
- *Chemical Approaches to Photonic Crystals*, David J. Norris, NEC Research Institute, dnorris@research.nj.nec.com, and Vicki Colvin, Rice University, colvin@ruf.rice.edu
- *Accurate Description of Low-Lying Molecular States and Potential Energy Surfaces*, Kenneth G. Dyall, Eloret Corporation, kgdyall@mciworld.com, and Mark R. Hoffmann, University of North Dakota, Mark.Hoffmann@mail.chem.und.nodak.edu
- *Optical Studies of Single Molecules and Molecular Assemblies in Chemical Physics and Biophysics*, Anne Myers Kelley, Kansas State University, amkelley@ksu.edu, and Shimon Weiss, Lawrence Berkeley National Laboratory, sweiss@lbl.gov. Please see their website <http://www.ksu.edu/chem/ACSSymposium/SMSWeb.htm>.
- *Molecular Photoelectron Spectroscopy*, Peter M. Weber, Brown University, Peter_Weber@brown.edu, and Stephen T. Pratt, Argonne National Laboratory, stpratt@anl.gov
- *Energy Landscapes of Proteins, Glasses, and Clusters: Dynamics, Folding, Function and Prediction*, José Onuchic, University of California at San Diego, jonuchic@ucsd.edu, Charles L. Brooks, III, The Scripps Research Institute, brooks@scripps.edu, and David Wales, Cambridge University, wales@clust.ch.cam.ac.uk
- *Awards Symposium*, Richard M. Strat, Brown University, Richard_Stratt@brown.edu

Call for Papers—Fall 2001 National Meeting of the American Chemical Society, Chicago, IL, August 26–30, 2001

Program Chair: Professor Richard Strat, Department of Chemistry, Brown University, 324 Brook Street, Providence, RI 02912. E-mail: richard_stratt@brown.edu.

- *Physical Chemistry of Gas-Particle Interactions*, Vicki Grassian, University of Iowa, vicki-grassian@uiowa.edu, and Jeffrey Roberts, University of Minnesota, roberts@chem.umn.edu
- *Computational Chemistry in the Undergraduate Curriculum (Colisted with CHED and COMP)*, Frank Rioux, St. John's Univ./College of St. Benedict, frioux@csbsju.edu, and Hannes Jónsson, University of Washington, hannes@u.washington.edu

- *What Can We Really Learn about Condensed Phases from Clusters?*, Bruce C. Garrett, Pacific Northwest Laboratory, bruce.garrett@pnl.gov, and Douglas Ray, Pacific Northwest Laboratory, dray@pnl.gov
- *Molecular Electronics*, Phaedon Avouris, IBM Research Division, avouris@us.ibm.com, and Mark A. Ratner, Northwestern University, ratner@chem.nwu.edu
- *Signal Processing in Chemistry*, Vladimir Mandelshtam, University of California at Irvine, mandelsh@uci.edu, and A. J. Shaka, University of California at Irvine, ajshaka@uci.edu
- *First-Principles Simulation of Chemical Dynamics (Cosponsored with COMP)*, Roberto Car, Princeton University, rcar@princeton.edu, and Todd J. Martinez, University of Illinois, tjm@spawn.scs.uiuc.edu
- *Stereochemistry in Aligned Environments*, David J. Nesbitt, University of Colorado, djn@jila.colorado.edu, and Alec M. Wodtke, University of California at Santa Barbara, wodtke@chem.ucsb.edu
- *Three-Dimensional Si-O Cages: Materials for the 21st Century (Cosponsored with INOR)*, Mark S. Gordon, Iowa State University, mark@si.fi.ameslab.gov, and Mark Banaszak Holl, University of Michigan, mbanasza@umich.edu
- *Dissociative Recombination of Molecules with Electrons*, Steven L. Guberman, Institute for Scientific Research, slg@sci.org

Abstract Submission Requirements for the American Chemical Society

Online abstract submission deadline for this meeting is April 5, 2001. ONLY electronic abstracts via the ACS online submittal system OASys will be accepted, except by special arrangement with the ACS symposium organizers before March 15, 2001. For abstract submission access and guidelines, see www.acs.org/meetings/abstract/abinfo.html.

Theoretical Chemistry Graduate Student Awards

The ACS Division of Physical Chemistry and the Theoretical subdivision administer an award in computational chemistry for theoretical chemistry graduate students. This year, a first and second place awards, sponsored by IBM and the University of Minnesota Supercomputing Institute, will support the scholarly activity of theoretical chemistry graduate students and encourage the use of computers in theoretical chemistry. Both awards carry 2500 node hours on the University of Minnesota–IBM supercomputer. In addition, the first prize winner receives a check in the amount of \$2,500; the second cash prize is \$1,000. Applicants for these awards submit a research proposal to the Theoretical Subdivision, describing the scientific problem to be solved and detailing how state-of-the-art computers would help in solving their problem. The award winners in 2000 were:

- ★ 1st Prize: **Nathan A. Baker**, Department of Chemistry and Biochemistry, University of California–San Diego. Advisor: Professor J. Andrew McCammon. Proposal: Investigation of Microtubule Assembly by Parallel Solution of the Poisson–Boltzmann Equation.
- ★ 2nd Prize: **Sidney P. Elmer**, Department of Chemistry, Stanford University. Advisor: Professor Vijay S. Pande. Proposal: Design and Characterization of Self-Folding Polyphenylacetylene-Based Heteropolymers.

Future American Chemical Society Meetings

Orlando, FL, April 7–11, 2002. *Program Chair:* Professor John C. Hemminger, Department of Chemistry, University of California–Irvine, Irvine, CA, 92697. E-mail: jchemmin@uci.edu.

Boston, MA, August 18–22, 2002. *Program Chair:* Professor John C. Hemminger, Department of Chemistry, University of California–Irvine, Irvine, CA 92697. E-mail: jchemmin@uci.edu.

New Orleans, LA, March 23–27, 2003. *Program Chair:* Professor James L. Skinner, Department of Chemistry, University of Wisconsin, Madison, WI 53706. E-mail: skinner@chem.wisc.edu.

New York City, NY, September 7–11, 2003. *Program Chair:* Professor James L. Skinner, Department of Chemistry, University of Wisconsin, Madison, WI 53706. E-mail: skinner@chem.wisc.edu.