



American Crystallographic Association, Inc.

Application for Membership

Contact Information

Family Name _____

First Name _____

Dept. _____

Inst. _____

Street, Box, Apt, MS _____

City _____ ST/Prov. _____

Zip/Postal Code _____ Country _____

Telephone _____ E-mail _____

Home Address

Street, Box, Apt. _____

City _____ ST/Prov. _____

Zip/Postal Code _____ Country _____

Preferred mailing address: Business Home

May we include your information in the online membership directory? Yes No

Preferred address for web directory: Business Home

Have you been an ACA Member in the past? Yes No

Statistical Data (optional)

Date of Birth: ___/___/___ Gender: Female Male

Highest Degree _____ Date Received: _____

Field: _____

Scientific Interest Group(s) (please check all that you would like to join)

- Biological Macromolecules
- Fiber Diffraction
- General Interest
- Industrial
- Materials Science
- Neutron Scattering
- Powder Diffraction
- Service Crystallography
- Small Angle Scattering
- Small Molecules
- Synchrotron Radiation
- Young Scientist

***Student Verification** (Provide signature Professor or Research Director along with a copy of current student I.D.)

Print name of Professor or Research Director _____

Signature of Professor or Research Director _____

Title _____

Membership Category

Membership for year 20 _____

- Regular\$110.00
- Student.....\$28.00*
- Post Doc.....\$44.00 (available for 10 years after receiving doctorate)
- Retired.....\$44.00

Membership Dues \$ _____

Optional Airmail Fees (outside North America ONLY)

ACA RefleXions\$40.00

Members residing outside of the U.S.A. automatically receive **Physics Today** online ONLY. If you prefer a print version, check here If you wish this print version to be sent by airmail, include \$35.00 **Airmail Fees \$** _____

Optional Subscriptions

- Acta Cryst. F.....\$75.00
- CiSE Print & Online (USA)\$49.00
- CiSE Print & Online (Outside USA) ..\$57.00

Subscription Fees \$ _____

Optional Award Donations (tax deductible in USA)

- Bau \$ _____ Student Travel \$ _____
- Buerger \$ _____ Summer School \$ _____
- Etter \$ _____ Supper \$ _____
- Fankuchen \$ _____ Trueblood \$ _____
- History Fund \$ _____ Warren \$ _____
- Patterson \$ _____ Wood \$ _____
- Pauling \$ _____

Donations \$ _____

TOTAL ENCLOSED \$ _____

Payment Options

- Check (U.S. only)
- Visa Master Card American Express

Card Number

___/___/___ - ___/___/___ - ___/___/___ - ___/___/___

Good Thru/Exp. Date ___/___ Security Code* _____
(*3-digit number on the back of card)

Zip code of billing address (U.S.A. only) _____

Name of Cardholder _____

Authorized Signature _____

Return application with payment in U.S. funds to American Crystallographic Assn., Inc., P.O. Box 96 Ellicott Station, Buffalo, NY 14205-0096, U.S.A.

Phone: (716) 898-8690 Fax: (716) 898-8695 aca@hwi.buffalo.edu www.AmerCrystalAssn.org

Membership Benefits

- Subscription to Physics Today magazine (12 issues)
- Subscription to ACA RefleXions (a quarterly publication)
- Subscription to IUCr Newsletter, published four times per year by the International Union of Crystallography
- Membership in the Special Interest Groups
- Lower registration fees for the Annual Meeting
- Reduced subscription rate to Acta Crystallographica, Section F
- Reduced subscription rate to CISE: Computing in Science & Engineering

Scientific Interest Groups

What is a SIG?

The acronym SIG stands for Scientific Interest Group. There are 12 SIGs concerned with Biological Macromolecules, Fiber Diffraction, General Interest, Industrial, Materials Science, Neutron Scattering, Powder Diffraction, Service Crystallography, Small Angle Scattering, Small Molecules, Synchrotron Radiation and Young Scientists. These SIGs provide focus on specialty areas while retaining access to and interaction with the entire range of crystallographic techniques and applications.

What does a SIG do?

Each SIG organizes at least 1 half-day session every two years at an ACA meeting. SIG programs promote useful discussion and attract a large audience. Having this symposium on an annual basis contributes to the growth and continuity of the SIG.

Why should I join a SIG?

The SIGs provide a convenient way for individuals to become involved in ACA activities at the grass roots level and to have a direct impact upon the scientific content of the annual meeting. They provide a forum within the larger organization for networking among individuals having common scientific interests, challenges, and goals.

Is there a fee to join a SIG?

No, there are no fees to join a SIG other than annual membership dues. Individual members must indicate on their annual dues invoice which SIG roster(s) they would like to be included on.

Optional Subscriptions

Acta Crystallographica Section F: Structural Biology and Crystallization Communications (<http://journals.iucr.org/f>), is also available to ACA members at a substantially reduced cost. Acta F provides rapid publication of short papers on the crystallization and structure determination of biological macromolecules. The journal includes three categories of publication: structural genomics, protein structure and crystallization communications.

CISE: Computing in Science & Engineering is a bimonthly magazine that focuses on how you can overcome programming limitations to speed up and improve your research, published by the American Institute of Physics. www.aip.org

ACA Awards

R. Bau Neutron Diffraction: To recognize exceptional research achievement in neutron diffraction.

B. Warren Diffraction Physics: To recognize an important recent contribution to the physics of solids or liquids using X-ray, neutron, or electron diffraction techniques.

I.A. Fankuchen Memorial: To recognize contributions to crystallographic research by one who is known to be an effective teacher of crystallography.

A.L. Patterson: To recognize and encourage outstanding research in the structure of matter by diffraction methods, including significant contributions to the methodology of structure determination and/or innovative application of diffraction methods and/or elucidation of biological, chemical, geological or physical phenomena using new structural information.

M.J. Buerger: To recognize mature scientists who have made contributions of exceptional distinction in areas of interest to the ACA.

E.A. Wood Science Writing Award: The award is named in honor of Elizabeth A. Wood, President of the ACA in 1957, and author of science books for lay readers. Persons who have written books or articles that bring science to the attention of a wider audience are eligible.

K.N. Trueblood Award: To recognize exceptional achievement in computational or chemical crystallography. In memory of Ken Trueblood, (1949-1998) a major force in the early use of computers and the development of crystallographic computer programs.

Charles E. Supper Instrumentation Award: To recognize scientists who have made exceptional contributions to crystallographic instrumentation. Awarded on an irregular basis at the discretion of the ACA Council.

M.C. Etter Early Career Award: To recognize outstanding achievement and exceptional potential in crystallographic research demonstrated by a scientist at an early stage of their independent career. Established to honor the memory of Professor Margaret C. Etter (1943-1992), who was a major contributor to the field of organic solid-state chemistry.

Annual Meeting Poster Prizes: Pauling Prize, Oxford Cryosystems, RCSB Protein Data Bank, International Union of Crystallography, The Journal of Chemical Crystallography.

Please see
www.AmerCrystalAssn.org
for further information
and nomination forms