Biophysical Society

2013 MEMBERSHIP DUES RENEWAL NOTICE

Return entire form with your remittance or complete the form online at www.biophysics.org

Your name, address, and contact information will appear in the 2013 Membership Directory as printed below.

Name:_____ Title:_____

Institute: _____

Department:_____

Address: _____ City:_____

State/Province:_____ Zip Code: _____ Country: _____

Phone:_____ Fax: _____ Email: _____

2013 dues must be paid by October 1, 2012, to sponsor or submit an abstract and qualify for reduced member registration rates for the 2013 Annual Meeting in Philadelphia, Pennsylvania.

Voluntary Information

Country of Birth: _____

Date of Birth (mm/dd/yy): _____ /_____/_____ Gender: ☐ Male ☐ Female

Race and Ethnic Affiliation:
☐ American Indian or Alaskan Native ☐ Asian ☐ Black or African American
☐ Caucasian ☐ Hispanic ☐ Latino ☐ Native Hawaiian or Pacific Islander

I am interested in volunteering for: ☐ Science fairs ☐ SRAA judge
☐ Blogging (A follow-up email will be sent to you regarding volunteering opportunities.)

Background Information (Select the one most comparable to your degree.)

Degree: ☐ PhD Year:_____ ☐ MD Year:_____ ☐ MS Year:_____
☐ BS Year:_____ ☐ BA Year:_____

☐ I would like to receive email updates from the Society about Public Affairs.

Title/Function:

☐ Academic Administrator ☐ Assistant Professor ☐ Associate Professor
☐ Director ☐ Development ☐ Emeritus Faculty
☐ President ☐ Principal Scientist ☐ Professor
☐ Research Assistant ☐ Researcher ☐ Sales
☐ Senior Scientist ☐ Technician ☐ Other: _____

Area of Employment:
☐ Academic ☐ Industry ☐ Government ☐ Other: _____

Funding

Public: ☐ NIH ☐ NSF ☐ DOE ☐ DOD ☐ USDA ☐ NASA ☐ NIST
Private: ☐ HHMI ☐ AHA ☐ ACS ☐ Wellcome Trust
Other Funding: _____

AREAS OF RESEARCH (Check up to two)

Proteins
☐ Protein Conformation
☐ Protein Dynamics
☐ Protein Folding & Stability
☐ Molecular Chaperones
☐ Protein-Ligand Interactions
☐ Enzymes
☐ Heme Proteins
☐ Membrane Protein Structure & Function
☐ Protein Structure
☐ Protein Assemblies & Aggregates
☐ Protein Structure Prediction
☐ Intrinsically Disordered Proteins
☐ Protein Biophysics in vivo

Nucleic Acids
☐ DNA Replication, Recombination, and Repair Transcription
☐ Ribosomes & Translation
☐ DNA and RNA Structure
☐ RNA Folding
☐ Virus Structure & Assembly
☐ Protein-Nucleic Acid Interactions
☐ Chromatin & the Nucleoid
☐ Nucleic Acid Biophysics in vivo

Lipid Bilayers & Membranes
☐ Membrane Physical Chemistry
☐ Membrane Dynamics & Bilayer Probes
☐ Membrane Active Peptides & Toxins
☐ Membrane Fusion
☐ Membrane Structure
☐ Protein-Lipid Interactions

Cell Physiology & Biophysics
☐ Membrane Receptors & Signal Transduction
☐ Calcium Signaling Proteins
☐ Calcium Signaling Pathways
☐ Calcium Fluxes, Sparks, and Waves
☐ Exocytosis & Endocytosis
☐ Ryanodine & IP3 Receptors
☐ Membrane Transporters & Exchangers
☐ Lipid Signaling
☐ Nuclear Pores
☐ Primary Transporters & Exchangers
☐ Cardiac, Smooth, & Skeletal Muscle Electrophysiology
☐ Muscle Regulation
☐ Excitation-Contraction Coupling
☐ Polysaccharides

Channels
☐ Voltage-gated Na Channels
☐ Voltage-gated Ca Channels
☐ Voltage-gated K Channels
☐ Ca-activated Channels
☐ Other K Channels
☐ TRP Channels
☐ Anion Channels & Transporters
☐ Ligand-gated Channels
☐ Cys-Loop Receptors
☐ Mechanosensitive Channels
☐ Cyclic Nucleotide-gated Channels
☐ Proton Channels & Voltage-dependant Enzymes
☐ Channels, Other

Motility & Motors
☐ Muscle: Fiber and Molecular Mechanics & Structure
☐ Cardiac Muscle
☐ Actin & Actin-binding Proteins
☐ Microtubules & Microtubule-associated Proteins
☐ Cytoskeletal Protein Dynamics
☐ Cell Mechanics & Motility
☐ Bacterial Mechanics & Motility
☐ Intracellular Transport
☐ Unconventional Myosins
☐ Microtubular Motors

Bioenergetics & Photobiology
☐ Mitochondrial & Chloroplast Transport
☐ Electron and Proton Transfer
☐ Oxidative Phosphorylation and Mitochondrial Metabolism
☐ Photosynthesis
☐ Mitochondria in Cell Life and Death

Systems Biophysics
☐ Synthetic Biology
☐ Gene Regulation
☐ Cellular Pathways & Networks
☐ Prokaryotic Systems
☐ Computational Systems Biology
☐ Cell-Cell Interactions
☐ Physiological Systems
☐ Excitable Systems

Biophysics of Neuroscience
☐ Presynaptic Channels & Release Mechanisms
☐ Neuronal Systems & Modeling
☐ Synaptic Transmission
☐ Auditory Biophysics
☐ Photoreceptors

Biophysical Methods
☐ Biomolecular NMR Spectroscopy
☐ X-Ray & Neutron Scattering & Crystallography
☐ Cryo Electron Microscopy & Reconstruction
☐ Molecular Dynamics
☐ Computational Methods
☐ Imaging and Optical Microscopy
☐ Fluorescence and Other Luminescence Spectroscopy
☐ Single Molecule Techniques
☐ Atomic Force Microscopy
☐ EPR Spectroscopy
☐ Vibrational Spectroscopy
☐ Micro- and Nanotechnology
☐ Bioengineering
☐ Molecular Mechanics and Force Spectroscopy
☐ Optogenetics
☐ Biosensors
☐ Emerging Techniques

Biomimetics & Biophysics for Alternative Energy
☐ Biomimetics and Biophysics for Alternative Energy

Please complete form on next page.

Subgroups

Optional, special interest, subdisciplines of biophysics

(w/Dinner = membership + dinner at Annual Meeting in Philadelphia)

Subgroup fee waived for Student & Emeritus Members

- ☐ Bioenergetics $20
- ☐ Biological Fluorescence $15
- ☐ Biopolymers in vivo $15
- ☐ Biopolymers in vivo w/Dinner $60
- ☐ Exocytosis & Endocytosis $20
- ☐ Exocytosis & Endocytosis w/Dinner $65
- ☐ Intrinsically Disordered Proteins $20
- ☐ Mechanobiology NEW $10
- ☐ Membrane Biophysics $15
- ☐ Membrane Biophysics w/Dinner $65
- ☐ Membrane Structure & Assembly $15
- ☐ Molecular Biophysics $15
- ☐ Motility $20
- ☐ Nanoscale Biophysics $20
- ☐ Permeation & Transport $15

Payment Information **Amount**

1) Rates

- ☐ ***Regular*** ($160) ..... $_____
- ☐ ***Early Career*** ($55) (Rate available for up to 6 years after receipt of first professional degree.) ..... $_____
- ☐ ***Graduate Student*** ($25) (For a period not to exceed 5 years. A copy of student ID must be included.) ..... $_____
- ☐ ***Undergraduate Student*** ($25) (For a period not to exceed 4 years. A copy of student ID must be included.) ..... $_____
- ☐ ***Emeritus*** ($0) (If applying for Emeritus status, please submit written request. Applicant must be retired, and have been a regular member for 10 consecutive years.) ..... $_____

2) Optional Publications

Print Subscription to the *Biophysical Journal*

☐ US ($120) ☐ Non US ($228) ..... $_____

Annual Review of Biophysics & Biomolecular Structure, Vol. 39

☐ US/ Non-US ($65) ..... $_____

Print BPS *2013 Membership Directory*

☐ ($5) ..... $_____

3) Optional Contributions

(For description of tax deductible donations, see www.biophysics.org/tabid/2903/Default.aspx)

Public Policy (Suggested Contribution) ..... $ 25.00

Travel Support Fund (Suggested Contribution) ..... $ 10.00
(Student/Postdoc/Minority/International)

Emily M. Gray Award Endowment Fund ..... $_____

General Contribution to Society ..... $_____

4) Subgroups (Check appropriate box on left.) ..... $_____

Total $_____

Subtotal (All categories) = $_____

TOTAL PAYMENT (All categories) = $_____

METHOD OF PAYMENT

☐ Check (Payable to Biophysical Society in US currency drawn on US bank. No Purchase Orders accepted. Please forward payments to Membership Services, 11400 Rockville Pike, Suite 800, Rockville, MD 20852.)

☐ Wire Transfer (Please contact the Biophysical Society for necessary account information.)

☐ Credit Card

Card Type (Check One): ☐ MasterCard ☐ Visa ☐ Discover ☐ American Express

Credit Card Number: _____ **Expiration Date:** _____/_____
(month) (year)

Security Code (on back of card, or on front of AmEx)**:** _____ **Billing Address Zip Code:** _____

Name as it appears on card: _____ Signature: _____

(Your signature authorizes your credit card to be charged for the total payment. The Biophysical Society reserves the right to charge the correct amount if different from the Total Payment.)

Please mail or fax the application back to the Biophysical Society office.

Banner photo: *Diffraction pattern of lectin protein found in peas.* ©STFC