

Weinstein Elected President-Elect; Beckett Secretary Seven Society Members Elected to Council



Harel Weinstein
President-Elect



Dorothy Beckett
Secretary

Harel Weinstein, of Cornell University and Weill Medical College, was elected President-Elect of the Biophysical Society. He will assume that office at the 2007 Annual Meeting in Baltimore and will begin his term as President at the 2008 Business Meeting. *Dorothy Beckett*, of the University of Maryland, was elected Secretary of the Society and will begin her four-year term on July 1, 2007.

Seven Society members were elected to council and will each serve three-year terms beginning at the 2007 Annual Meeting. Those elected were *Valerie Daggett*, University of Washington; *Dave Dawson*, Oregon Health & Science University; *Nynke Dekker*, Delft University of Technology; *Sharyn Endow*, Duke University Medical Center; *Enrico Gratton*, The Henry Samueli School of Engineering & the University of California, Irvine; *Frances Separovic*, University of Melbourne; and *Toshio Yanagida*, Osaka University.

The elections also resulted in the approval of both changes to the bylaws. Twenty-nine percent of eligible members cast their ballots this year. The Society thanks all those who participated in these important elections.

Councilors



Valerie Daggett



Dave Dawson



Nynke Dekker



Sharyn Endow



Enrico Gratton



Frances Separovic



Toshio Yanagida

- Society Election Results 1
- Biophysicist in Profile 2
- Annual Meeting Program 3
- Student Housing Form 11
- Graduate Institute Fair Form 13
- Society Donors 14
- Subgroups
 - Intrinsically Disordered Proteins 18
 - Membrane Biophysics 18
 - Motility 18
- Public Affairs 18
- Members in the News 21
- Dayhoff Award 22
- Additions to Society Directory 22
- Volunteer Form 23
- Upcoming Events 24

Minisymposia Correction

There was an error in the July/August Newsletter description of minisymposia. Each minisymposium will feature six speakers, not four.

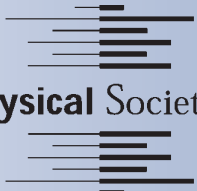
Annual Meeting Deadlines

Early Registration
August 1—December 14

**Student Housing
Reservations**
November 13

Childcare Registration
February 2

**General Housing
Reservations**
February 8



Biophysical Society

9650 Rockville Pike
Bethesda, Maryland 20814-3998
Tel: 301-634-7114; Fax: 301-634-7133
E-mail: society@biophysics.org
<http://www.biophysics.org/>

Officers

President
Barry R. Lentz
President-Elect
Joseph Falke
Past-President
Steven M. Block
Secretary
Ruth A. Altschuld
Treasurer
Mordecai P. Blaustein

Council

Paul H. Axelsen
Stephen M. Baylor
Christopher L. Berger
Richard G. Brennan
Sharona E. Gordon
Kathleen Hall
Eric Jakobsson
Linda J. Kenney
Elizabeth A. Komives
Ben de Kruijff
Stephen L. Mayo
Tobias Meyer
Ruth Nussinov
Diane M. Papazian
Nils Petersen
David Piston
Eduardo Rios
Frederick Sachs
Suzanne Scarlata
Paul R. Selvin
R. John Solaro
Lynmarie K. Thompson

Biophysical Journal

Editor-in-Chief
Robert Callender

Executive Officer

Ro Kampman

Publications Manager

Dianne McGavin

Newsletter Production

Alisha Yocum

Profiles

Lee Bien

Public Affairs

Ellen Weiss

The Biophysical Society Newsletter (ISSN 0006-3495) is published six times per year January/February, March/April, May/June, July/August, September/October, and November/December by the Biophysical Society, 9650 Rockville Pike, Bethesda, Maryland 20814-3998. Distributed to USA members and other countries at no cost. Canadian GST No. 898477062. Postmaster: Send address changes to Biophysical Society, 9650 Rockville Pike, Bethesda, MD 20814-3998.

Copyright © 2006 by the Biophysical Society. Printed in the United States of America. All rights reserved.

Biophysicist in Profile



Linda Kenney

Science is all about collaboration, tenacity, and serendipity, as Linda Kenney's career can attest to. Born in Cherokee, Iowa, Kenney was not particularly interested in science as a child. Her father, James, was a stock and commodities broker; her mother, Ruth, was a PE teacher. Although a good student, Kenney was more interested in nonscience subjects—sports, particularly softball, and ballet—while young. In seventh grade a biology teacher opened her eyes to the intricacy of science, but her interest in science did not develop until she enrolled at the University of Iowa as biology major, with plans to attend medical school. The sudden death of her father forced Kenney to be independent, relying on a number of different waitress jobs to pay for school. Her tendency to question authority, a trait not valued by her managers, gave Kenney the "opportunity" to work for many different restaurants.

One day, while perusing the employment section of the *Daily Iowan*, she came across an advertisement for a student assistant in a lab working on ion transport in turtle colon. Her curiosity piqued, she contacted the professor who had placed the ad. He met with her but decided that her lack of experience didn't qualify her for his job but did recom-

mend her to a co-worker, who put her to work in a physiology lab.

"It was really when I started working in the lab that I got enthusiastic about a scientific career," Kenney says. She excelled at her lab work as she continued working on her degree. As she approached graduation she decided to study for her PhD at the University of Pennsylvania in the lab of *Jack Kaplan*, a professor of physiology. "It was a fun place to be," raves Kenney of the department. She remembers attending seminars where faculty would constantly interrupt speakers with questions. "I've never been anywhere that was as lively as that was." It was an invigorating intellectual environment, and Kaplan became her PhD mentor. "He taught me to be critical of my own work and other work that I was exposed to," explains Kenney. Her PhD research was on the reaction mechanism of Na,K-ATPase from human red blood cells. It was an exciting time in the field of biophysics: the genes had been sequenced and if an expres-

Her tendency to question authority, a trait not valued by her managers, gave Kenney the "opportunity" to work for many different restaurants.

sion system could be developed, the effect of mutations on function could be studied.

Moving to Yale on a postdoctoral fellowship, Kenney tried to develop an expression system to study the Na,K-ATPase. Unfortunately she was a decade early. "The molecular biology tools that were needed for success of this project really developed in the next few years," she says. "I made a decision at that time that I should change fields. I went to a bacterial genetics lab at Princeton, and I found the perfect problem to study." That problem was signal transduction and gene regulation in *E. coli* in response to osmotic stress.

At Princeton she worked with *Tom*

Silhavy, whom she calls the "God of Bacterial Genetics." Silhavy, a geneticist, had a different way of looking at problems and taught Kenney how to look at systems through a different perspective.

Combining different disciplines, Kenney quickly learned, enhanced experiments.

Silhavy was skilled at this. "He had an elegant way of making things seem simple." Combining different disciplines, Kenney quickly learned, enhanced experiments. "If you're exposed to different fields, then you can approach a problem from whatever perspective you need in order to address the next question," states Kenney.

Near the end of her postdoc, Oregon Health Sciences University, a small medical school in Portland, offered Linda a job, and she took the opportunity with open arms. "Having the freedom and room to establish my research program was really beneficial," she remembers. While there, she was given the opportunity to work with high school students who came to study in her lab. Kenney enjoyed the chance to positively influence their decisions about a future in science. She taught them the basic skills they would need to succeed, such as focusing, paying attention to details, and working together to obtain results.

This ability to work with others is truly one of the characteristics that sets Kenney apart. She thrives on her ability to network with other scientists in a slew of different fields. According to friend and tennis opponent *Joe Falke*, at the University of Colorado, "In addition to her skills as an individual scientist, Linda succeeds in networking with other scientists better than anyone else I know. This innate ability to network, which arises from Linda's outgoing personality and her genuine interest in other people, is a real strength of her personality."

Unfortunately, since the medical school was separated from the rest of the University, opportunities for Kenney to

work with scientists in different disciplines were limited. This motivated her to move to the University of Illinois at Chicago, where she remains today.

Currently, Linda is working on the EnvZ/OmpR two-component system that regulates outer-membrane proteins in the University of Illinois's Department of Microbiology and Immunology. Specifically, she is taking the basic knowledge about how OmpR works and applying it to new models, including *Salmonella* pathogenesis. "What stands out is her desire to understand her system in detail not only in vitro, but also in vivo," says *David DeRosier*, a colleague currently at Brandeis. "That is, whereas one may find interactions or reactions in vitro, one does still not know how these play out inside the cell."

Kenney's research bridges this gap as well as the gap between biophysics and genetics. "The biophysics-genetics mix is not common, nor easy to master, but her efforts at this have given her an important and unsurpassed dual per-



Linda Kenney teaching a course as a visiting ASM Professor in Santiago, Chile.

This innate ability to network, which arises from Linda's outgoing personality and her genuine interest in other people, is a real strength of her personality.

spective," says *Ryland Young*, a professor at Texas A&M University and often tennis opponent. "Many of the signal transduction systems that are really worth pursuing were defined by bacterial genetics and physiology, and her willingness to dive into this very difficult field has really set her apart from the general run of biophysicists."

This is also one of many reasons why Kenney's influence in the Biophysical Society is important. She attended her first Biophysical Society (BPS) meeting in 1983, and, although it was a memorable experience, due in part to the weather and a distracted slide projectionist, she has remained a loyal Society member. "There are terrific colleagues that I've met there year after year," she explains. "It's a great place to go to get applications of methods that could be useful to the system I'm working on." She currently serves on the Public Affairs and Minority Affairs committees and was elected to the Society's Executive Board. She takes pride in the

reputation of the Biophysical Society with respect to women. "The Biophysical Society has been receptive to women early on with CPOW and offering daycare at the annual meeting. Women are elected to the Council and to the Presidency, so they are active members of the Society." One of her favorite aspects of the annual meeting is that students, not necessarily the big names in the field, can participate as speakers. This option would not be available in a larger society. Since students are

the future of the field, giving them this experience and hearing their ideas is crucial. In addition to the Biophysical Society, she is also active in the American Society for Microbiology. For the past eight years, she and Young have coordinated the Hatch Echols tennis

(Continued on page 20.)

2007 Annual Meeting Program

Symposia

Sunday, March 4

8:15 -10:15 AM

Symposium 1

Calcium Activated Switches

Madeline A. Shea, Chair

S100B: A Calcium-activated Switch that Turns off the p53 Tumor Suppressor

David J. Weber, University of Maryland, School of Medicine

Calcium-dependent Switching in Calmodulin-IQ Domain Complexes

Anthony Persechini, University of Missouri, Kansas City

Computational (and Experimental) Protein Design Studies Based on Calmodulin

Stephen L. Mayo, California Institute of Technology

Calmodulin Regulation of Channels and Receptors —a Tale of Two Domains

Madeline A. Shea, University of Iowa, Carver College of Medicine

Symposium 2

Biophysics and the Molecular Origins of Life

Gerald Joyce, Chair

From Geo to Bio: The Emergence of Chemical Complexity

Robert Hazen, The Carnegie Institution of Washington

The Earliest Genetic Polymers

Piet Herdewyn, Katholieke Universiteit Leuven, Belgium

Darwinian Evolution in an RNA World

Gerald Joyce, The Scripps Research Institute

Toward Cellular Life

Jack Szostak, Harvard Medical School

10:45 AM - 12:45 PM

Symposium 3

Protein Biophysics in Living Cells

Tom Kerppola, Chair

Visualization of Transcription Factor Interactions, Modifications and Dynamics in Living Cells

Tom Kerppola, Howard Hughes Medical Institute and University of Michigan

Live Cell Imaging of G Protein Signaling Pathways

Catherine H. Berlot, Weis Center for Research, Geisinger Clinic

Molecular Mechanisms of Steering in Mammalian Chemotaxis

Tobias Meyer, Stanford University School of Medicine

Protein Folding During Polypeptide Chain Elongation

Patricia L. Clark, University of Notre Dame

Symposium 4

Membrane Transporters

H. Ronald Kaback, Chair

Architecture and Mechanism of Sodium Coupled Transporters

J. Eric Gouaux, Columbia University

Searching for the Inside Passage: The Substrate Permeation Pathway of Serotonin Transporter

Gary Rudnick, Yale University

Ion Coupled Multidrug Transporters

Shimon Schuldiner, Institute of Life Sciences, The Hebrew University of Jerusalem

How to Stop Worrying and Love the Permease

H. Ronald Kaback, University of California, Los Angeles

4:00 -6:00 PM

Symposium 5

Multiscale Phenomena in Biology

Benoit Roux, University of Chicago, Chair

Effective Models for Reactive Processes in Large Biomolecular Assemblies

Qiang Cui, University of Wisconsin, Madison

Multiscale View of the Hydrophobic Effect

David Chandler, University of California, Berkeley

Multiscale View of Molecular Machines

George Oster, University of California, Berkeley

Molecular Noise, Cell Behavior and Population Dynamics in Bacterial Chemotaxis

Thierry Emonet, University of Chicago

Symposium 6

Membrane Asymmetry and Trans-Membrane (Flip-Flop) Motion

Philippe F. Devaux, Chair

Lipid Asymmetry in Supported Lipid Bilayers: A Combined AFM and Fluorescence Microscopy Study

Marjorie L. Longo, University of California, Davis

Membrane Budding Driven by Monolayer Area Asymmetry

Michael M. Kozlov, Tel-Aviv University

P-Type ATPases that Transport Phospholipids

Patrick Williamson, Amherst College

Transmembrane Asymmetry and Lateral Domains

Philippe F. Devaux, Institute of Biological Physical Chemistry, Paris and University Paris 7-Denis Diderot

Monday, March 5

8:15 - 10:15 AM

Symposium 7

RNA: Protein Particles

David Draper, Chair

Slicer and the Argonautes

Leemor Joshua-Tor, Cold Spring Harbor Laboratory

A Post-Proteomic Approach to Study Assembly of a Machine

James R. Williamson, The Scripps Research Institute

Running Rings around RNA: The role of Ro RNPs in RNA Maturation and Decay

Sandra Wolin, Yale University School of Medicine

Structural and Thermodynamic Studies of a Ribosomal Protein—RNA—Antibiotic Complex

David Draper, Johns Hopkins University

Symposium 8

Intracellular Calcium Dynamics: The Interplay of Experiment and Modeling

James Sneyd, Chair

Modelling of Synaptic Vesicle Dynamics at the Calyx of Held

Erwin Neher, Max Planck Institute for Biophysical Chemistry, Göttingen

MARCH 3-7, 2007 BALTIMORE, MARYLAND

Ca²⁺ Regulation of Contraction and Relaxation of Smooth Muscle of Lung Airways and Blood Vessels: Experimental Studies Integrated by Modeling

Michael J. Sanderson, University of Massachusetts Medical School and
James Sneyd, University of Auckland

Imaging Calcium Signaling and Calcium-Dependent Signaling in Single Synapses

Karel Svoboda, Howard Hughes Medical Institute, Janelia Farm Research Campus

Ca²⁺ Waves, Ca²⁺ Diffusion and the Sarcoplasmic Reticulum

Ernst Niggli, University of Bern

10:45 am - 12:45 PM**Symposium 9***New and Notable**Speakers to be announced***Symposium 10***Molecular Mechanisms of Cell Migration**Rick Horwitz*, Chair**A Glimpse into the Cell Migration****Consortium/Adhesion Dynamics in Migrating Cells***Rick Horwitz*, University of Virginia**Integrins, Small GTPases and Cell Mechanics in Migration***Martin Schwartz*, University of Virginia**How Keratocytes Crawl***Alex Mogilner*, University of California, Davis**Signaling Networks in Chemotaxis and Cytokinesis***Peter Devreotes*, Johns Hopkins University**4:00 - 6:00 PM****Symposium 11***Traffic: Regulation of Membrane Traffic in the Secretory and Endocytic Pathways**Sergio Grinstein*, Chair**Self-Organization of Early****Secretory Compartments***Benjamin S. Glick*, University of Chicago**Molecular Analysis of Receptor Recycling to the Golgi Complex***Suzanne Pfeffer*, Stanford University**Peroxisomes are Formed by the Endoplasmic Reticulum***Henk Tabak*, Utrecht University**Membrane Remodelling during Phagocytosis and Endocytosis***Sergio Grinstein*, Hospital for Sick Children, Toronto**Symposium 12***RNA and Gene Regulation**Robert Batey*, Chair**Bacterial Non-Coding RNAs Provide New Levels of Complexity in Regulatory Circuits***Susan Gottesman*, National Cancer Institute**Control of Metal Ion Transport by Regulatory RNAs***Wade Winkler*, University of Texas Southwestern Medical Center**Structural and Biophysical Characterization of mRNA Riboswitch Aptamer Domains***Robert Batey*, University of Colorado, Boulder**Regulation of Gene Expression by MicroRNAs***Amy Pasquinelli*, University of California, San Diego**Tuesday, March 6****8:15 - 10:15 AM****Symposium 13***Lateral Membrane Organization and Lipid-Protein Interactions**Michael Edidin*, Chair**Membrane Lateral Heterogeneity in Cell and Model Membranes***Ken Jacobson*, University of North Carolina, Chapel Hill**Liquid Phases Observed in Giant Vesicles***Sarah L. Keller*, University of Washington**Caveolae, Cavicles and Caveosomes: Dynamics of the Caveolae Membrane System***Richard Anderson*, University of Texas Southwestern Medical Center**Membrane Heterogeneity and Antigen Presentation***Michael Edidin*, Johns Hopkins University**Symposium 14***Modeling as a Tool In Biophysics**Robert Eisenberg*, Chair**Mechanism of Amyloid -Protein Aggregation as Revealed by ab initio Discrete Molecular Dynamics***H. Eugene Stanley*, Boston University**Computational Modeling of Mismatch Repair Proteins***Fred Salisbury*, Wake Forest University**How Can a Channel Tell Ca⁺⁺ from Na⁺?***Robert Eisenberg*, Rush University Medical Center**Gating, Modulation, and Rectification in a Large Diameter Abiotic Nanopore***Zuzanna Siwy*, University of California, Irvine**10:45 AM - 12:45 PM****Symposium 15***Awards Symposium***4:00-6:00 PM****Symposium 16***Nanomachines and Nanotechnologies**Wah Chiu*, Baylor College of Medicine, Chair**Engineered Protein Pores for Nanotechnology***Hagan Bayley*, Oxford University**Computational Design of Protein Parts for Biological Engineering: Application to Nanomedicine***Tanja Kortemme*, University of California, San Francisco**Observing Dynamics of Individual Biomolecules with Single-Molecule Microscopy***W.E. Moerner*, Stanford University**Approaching Nanoscale Force and Geometry Sensing in Normal and Diseased States***Michael P. Sheetz*, Columbia University**Symposium 17***Structural Basis of Voltage Sensing in Ion Channels**Frederick J. Sigworth*, Yale University, Chair**X-Ray Structures and Function of Voltage-Dependent Potassium Channels***Roderick MacKinnon*, Rockefeller University, HHMI**Two Scans of Voltage Sensing Motion***Ehud Y. Isacoff*, University of California, Berkeley**Voltage Sensing Mechanisms***Francisco Bezanilla*, University of Chicago**Making Sense of Voltage Sensors***Stephen H. White*, University of California, Irvine

Wednesday, March 7**8:15 - 10:15 AM****Symposium 18***Vesicle Dynamics**Robert H. Chow*, University of Southern California, Chair**Post-Fusion Vesicle Mobility Regulation***Robert Zorec*, University of Ljubljana**Synaptic Vesicle Recycling and Transport at Hippocampal Boutons***Jurgen Klingauf*, Max Planck Institute for Biophysical Chemistry**Vesicle Recycling at the Ultrafast Ribbon Synapse in the Inner Ear***Jonathan F. Ashmore*, University College, London**Vesicle Trafficking and Exocytosis in Retinal Ribbon Synapses***David Zenisek*, Yale University School of Medicine**Symposium 19***Modulation of Primary Sensory Function**Paul Fuchs*, Johns Hopkins University, Chair**TRPV Ion Channels and Peripheral Mechanisms of Pain and Temperature Sensation***Mike Caterina*, Johns Hopkins University**Functional Specialization of Cells in the Taste Bud***Nirupa Chaudhari*, University of Miami School of Medicine**Molecular Origin of Reproducibility in the Rod's Single Photon Response***Fred Rieke*, University of Washington**Mechanisms for Coding Sound at the Hair Cell's Afferent Synapse***Elisabeth Glowatzki*, Johns Hopkins University**10:45 - 12:45 AM****Symposium 20***The Ribosome as a Molecular Machine**Peter B. Moore*, Yale University, Chair**Title to be Announced.***Jamie Cate*, University of California, Berkeley**Studies of 30S Assembly: Conformational Changes and Roles for Ribosomal Proteins***Gloria M. Culver*, Iowa State University**Crystal Structures of Functional States of the Ribosome***V. Ramakrishnan*, MRC Laboratory of Molecular Biology**Kinetic Mechanisms of Substrate Recognition and Selection by the Ribosome***Marina Rodnina*, University of Witten/Herdecke**Symposium 21***Myosin Motor Mechanism in Muscle**Malcolm Irving*, Chair**In situ Structural Studies of the Myosin Motor***Malcolm Irving*, King's College London**Kinetic and Structural Studies of Myosin II: Implications for the Muscle Mechanism***Michael A. Geeves*, University of Kent**Mechanism of the Myosin II Motor: Single Molecule and Single Fiber Studies***Bernhard Brenner*, University of Hannover**Mechanical, Structural and Biochemical Determinants of Power Output in Muscle***Vincenzo Lombardi*, University of Florence**Workshops***Workshops will be held Sunday and Tuesday evenings, 7:30 - 9:30 pm***Sunday, March 4****7:30 pm - 9:30 pm****Workshop 1***Using Ion Channel Structures to Simulate Their Function**Peter C. Jordan*, Chair**Hierarchical Approach to Model Ion Permeation in Channels: Potential of Mean Force - Poisson-Nernst-Planck (PMFNP) Model***Maria G. Kurnikova*, Carnegie Mellon University**Brownian Dynamics: A Powerful Computational Tool for Studying Ion Permeation in Biological Ion Channels***Shin-Ho Chung*, Australia National University**Tuning Ion Coordination Preferences to Enable Selective Permeation***Susan L. Rempe*, Sandia National Laboratory**Atomistic and Coarse-grained Simulations of Ion Channels: Insights into Channel/Lipid Interactions and Gating***Mark P. Sansom*, Oxford University**Monte Carlo Normal Mode Following: A New Way to Study Ion Channel Gating***Peter C. Jordan*, Brandeis University**Workshop 2***Fluorescence Fluctuation Spectroscopy**Elliot L. Elson*, Chair**Protein Misfolding and Folding with Relevance to Neurodegenerative Disease***Watt W. Webb*, Cornell University**Biomolecular Function as Studied by Full Correlation Spectroscopy***Claus Seidel*, Heinrich-Heine University, Duesseldorf**FCS Perspectives for Developmental Biology: Applications in Live Embryos***Petra Schwille*, Dresden University of Technology**Brightness Analysis: From Single Molecules to Viral Particles***Joachim Mueller*, University of Minnesota**An Extracellular Collagenase Brownian Ratchet***Elliot L. Elson*, Washington University School of Medicine**Workshop 3***New Technologies for Networks and Pathways**Douglas Sheeley*, National Institutes of Health, Chair**Genetic Networks Controlling Lysine Modification***Jef Boeke*, Johns Hopkins University**New Technologies to Measure, Model and Manipulate Polarity in Networks and Pathways***John Carson*, University of Connecticut Health Center**Fluorescent Biosensors for Networks and Pathways***Alan Waggoner*, Carnegie Mellon University

MARCH 3-7, 2007 BALTIMORE, MARYLAND

Exploring the Dynamic Proteome
John Aitchison, Institute for Systems Biology

Interrogating Proteolytic Pathways
Jeffrey Smith, The Burnham Institute
for Medical Research

Tuesday, March 6

7:30-9:30 PM

Workshop 4

Protein Dynamics: Computational and Experimental Approaches

James Andrew McCammon, University of California, San Diego, Chair

Time-resolved Studies of Protein Dynamics

Robert Callender, Albert Einstein College of Medicine

Multiscale Simulations of Proteins

Rebecca C. Wade, EML Research

NMR Approaches for Protein Motions in Binding and Catalysis

Arthur G. Palmer III, Columbia University

Computational Studies of Protein Dynamics

James Andrew McCammon, University of California, San Diego

Workshop 5

In vitro Reconstructions of Synaptic Vesicle Fusion and Exocytosis

Axel T. Brunger, Stanford University, Chair

Functional Reconstitution of Snares in Planar Supported Membranes

Lucas K. Tamm, University of Virginia Health Science Center

Fast, Snare-Driven Vesicle Fusion in vitro

James C. Weishaar, University of Wisconsin, Madison

Regulation of SNARE-mediated Membrane Fusion

James A. McNew, Rice University

Mechanistic Insights to Snare-mediated Membrane Fusion

Thomas J. Melia, Columbia University

Are Snares a Minimal Fusion Machinery?

Axel T. Brunger, Stanford University

Minisymposia

Minisymposia will be held Sunday - Wednesday, concurrently scheduled with platform sessions.

Biophysics of Gene Regulation

Alexander van Oudenaarden, Massachusetts Institute of Technology, and
Jose Vilar, Memorial Sloan-Kettering Cancer Center, Co-Chairs

Biological Pacemakers

Donald M. Bers, Loyola University, and
Steven A. Siegelbaum, Columbia University, Co-Chairs

Advances in Ion Channel Structure

Declan Doyle, Oxford University and
Youxing Jiang, University of Texas Southwestern Medical Center, Co-chairs

Calcium Signaling in Neurons

Helmut Koester, University of Texas, Austin, and
Kerry Delaney, University of Victoria, British Columbia, Co-Chairs

Subgroup Programs

All subgroup programs will be held on Saturday, March 3.

Bioenergetics

Marco Colombini, University of Maryland

Morning Symposium: Structural Biology: Proteomics and Bioenergetics

James P. Allen, Arizona State University, and
Edward A. Berry, Lawrence Berkeley National Laboratory, Co-Chairs

9:00 AM

Structural Genomics: Technologies for All Structural Biologists

Thomas Terwillger, Los Alamos National Laboratory

9:30 AM

Crystallization of Integral Membrane Proteins from Photosynthetic Organisms

Petra Fromme, Arizona State University

10:00 AM

Crystal Structure of the Hydrophilic Domain of Respiratory Complex I from *Thermus Thermophilus*

Leonid Sazanov, Medical Research Council, Cambridge

11:00 AM

Recent Advances in the Structural Analysis of Bacterial Cytochrome bc₁ Complex and in the Study of Quinone Binding in the Beef Complex

Chang-An Yu, Oklahoma State University

11:30 AM

Inter-Protein Electron Transfer between Cytochrome c₂ and the Reaction Center from *Rhodobacter Sphaeroides*

Melvin Okamura, University of California, San Diego

1:30 PM

Young Bioenergeticist Award

Afternoon Symposium: The Outer Limits of Bioenergetics: The Mitochondrial Outer Membrane

Marco Colombini, University of Maryland, and
Carmen Mannella, Wadsworth Center, NYDOH, Co-Chairs

1:45 PM

NMR Studies of the Structure and Interactions of Human VDAC1

Thomas Malia, Harvard University and
Gerhardt Wagner, Harvard University

2:15 PM

Mitochondrial Dynamics: Fission and Fusion
Robert Jensen, Johns Hopkins University School of Medicine

2:45 PM

Mitochondrial-ER Interactions and Calcium Signaling

Gyorgy Hajnoczky, Thomas Jefferson University

3:45 PM

Permeabilization of the Outer Membrane by Ceramide Channels

Marco Colombini, University of Maryland

4:15 PM

To Be Announced

5:00 PM

Business Meeting

Intrinsically Disordered Proteins

Vladimir Uversky, Indiana University School of Medicine, and
Richard Kriwacki, St. Jude Children's Research Hospital, Program Co-chairs

1:00 PM

Plenary Lecture I: Protein Intrinsic Disorder, Cell Signaling, and Alternative Splicing
Keith Dunker, Indiana University School of Medicine

1:45 PM

Intrinsically Disordered Proteins in vitro and in Living Cells
Gary Pielak, University of North Carolina, Chapel Hill

2:15 PM

Structure and Disorder in Proteins
George Rose, Johns Hopkins University

2:45 PM

Moonlighting by Disordered Proteins
Peter Tompa, Hungarian Academy of Sciences, Budapest

3:45 PM

Plenary Lecture II: Intrinsically Disordered Proteins: Function, Folding, and Flexibility
Peter Wright, The Scripps Research Institute

4:30 PM

Structural Disorder within the Replicative Complex of Measles Virus: Functional Implications
Sonia Longhi, Centre National de la Recherche Scientifique, Marseille

5:00 PM

Insights into Protein Structure and Function from Disorder-Complexity Space Analysis
Jan Hoh, Johns Hopkins University School of Medicine

5:30 PM

The Roles of IDPs in Cell Cycle Regulation and Tumorigenesis
Richard Kriwacki, St. Jude Children's Research Hospital, Memphis

Membrane Biophysics

Nael A. McCarty, Georgia Institute of Technology, Subgroup Chair.

Reducing Reductionist Thinking: Biophysical Approaches to the Study of Membrane Protein Assemblies

Nael A. McCarty, Georgia Institute of Technology, Chair

Multiplexing Bioluminescence and Fluorescence Resonance Energy Transfer Approaches to Probe G Protein-coupled Receptor Mediated Signaling in Living Cells
Michél Bouvier, University of Montreal

Molecular Mechanisms of Transmembrane Signaling, Adaptation, and Kinase Regulation in Bacterial Chemosensing
Joe Falke, University of Colorado

The ATP-sensitive Potassium Channel as a Macromolecular Complex
William A. Coetzee, NYU School of Medicine

The Molecular Machine for Excitation-Contraction Coupling: Probing the Spatial Interrelationships of its Protein Components
Kurt Beam, Colorado State University

Structural Studies of Human Leukotriene C4 Synthase by Electron Crystallography
Inga Schmidt-Krey, Georgia Institute of Technology

Multiscale Modeling of Protein Complexes
Jianpeng Ma, Baylor College of Medicine

Finally: Two Peptide Toxins that Inhibit Chloride Channels
Nael A. McCarty, Georgia Institute of Technology

Membrane Structure and Assembly

Breaking the Barrier with Antimicrobial Peptides
Frances Separovic, University of Melbourne, Subgroup Chair.

1:05 PM

Antimicrobial Peptides in Human Health and Disease
Michael A Zasloff, Georgetown University

1:35 PM

Short and Unique Membrane-active Antimicrobial Peptides from Frog Skin
Maria Luisa Mangoni, La Sapienza University

2:05 PM

Role of the Bacterial Membrane in the Toxicity of Antimicrobial Peptides
Richard M. Epand, McMaster University

2:35 PM

How Do Antimicrobial Peptides Select their Target Cells? Biophysical, in vitro and in vivo Studies
Yecheiel Shai, Weizmann Institute

3:30 PM

Why Do Amphipathic Peptides Induce Pores in Membranes?
Huey Huang, Rice University

4:00 PM

Correlation of High-Resolution Structure and Topology of Antimicrobial Peptides with the Membrane-Disruption
Ayyalusamy Ramamoorthy, The University of Michigan

4:30 PM

Re-Alignment and Self-Assembly of Antimicrobial Peptides in Membranes
Anne Ulbrich, University of Karlsruhe

5:00 PM

Coarse-grained Molecular Dynamics Simulations of the Interactions of Peptides and Toxins with Lipid Bilayers
Mark Sansom, University of Oxford

5:35 PM

Annual General Meeting

Molecular Biophysics

Single Molecular Recognition and Unfolding Forces
Peter Hinterdorfer, Subgroup Chair

9:00 AM

Introduction
Peter Hinterdorfer, Subgroup Chair

9:10 AM

Using Forward and Reverse Dynamic Force Spectroscopy to Explore Unfolding and Refolding Kinetics of Poly-Spectrin Domains
Evan Evans, University of British Columbia

9:40 AM

Unfolding Single Protein Molecules with Optical Tweezers
Carlos Bustamante, University of California, Berkeley

10:10 AM

Measuring Protein Energy Landscape Roughness by Single Molecule Force Spectroscopy
Ziv Reich, Weizmann Institute of Science

10:40 AM

Mechanical Control of Protein Folding and Unfolding Pathways
Matthias Rief, Munich University of Technology

11:30 AM

Detecting Molecular Interactions that Activate and Inhibit the Function of Membrane Proteins
Daniel Müller, Dresden University of Technology

MARCH 3-7, 2007 BALTIMORE, MARYLAND

12:00 Noon

Intermolecular Forces of Leukocyte Adhesion Molecules

Vincent Moy, University of Miami

12:30 PM

Developing Ligands for Recognition Imaging

Stuart Lindsay, Arizona State University

1:00 PM

Recognition Force Microscopy: Applications to DNA, Proteins, and Cells

Peter Hintendorfer, Johannes Kepler University of Linz

Motility

Josh E. Baker, University of Nevada and

Enrique de la Cruz, Yale University, Co-Chairs

12:00-12:10

Session Overview

12:10-12:40

Spectroscopic Probes of Actomyosin Dynamics

David D. Thomas, University of Minnesota

12:40-1:10

Complexes and Complexity of Actin and Cofilin

Emil Reisler, UCLA

1:10-1:40

Mechanisms of Conventional Kinesin Action and Inaction

Sarah Rice, Northwestern University

1:40-2:00

Student Poster Highlights I

Session II:

2:20-2:50

Business Meeting

2:50-3:00

Session Overview

3:00-3:30

Regulation and Control of a Membrane-associated Myosin

E. Michael Ostap, University of Pennsylvania

3:30-4:00

Motor Proteins under Load

Matthias Rief, Technischen University, München

4:00-4:30

Biochemical Dissection of Motor Functions of Cytoplasmic Dynein

Kazuo Sutoh, University of Tokyo

4:30-4:50

Student Poster Highlights II

Onsite Childcare Services

Childcare services will be offered for attendees of the 2007 Annual Meeting. The services will again be provided by KiddieCorp. The program is for children ages six months through twelve years and will be located in the Hyatt Regency Baltimore, headquarters hotel for the Annual Meeting, which is connected to the Convention Center by air walk. Snacks and beverages will be provided. Full meals may be supplied by parents or purchased when checking in each day. The service is available to all meeting attendees, but pre-registration is required. The cost is \$15 per hour per child (regular attendees), \$10 per hour per child (postdoc attendees), and \$6 per hour per child (student attendees). There is a two-hour minimum required. The dates/hours of the childcare program are as follows:

Saturday, March 3	8AM-6PM
Sunday, March 4	8AM-6PM
Monday, March 5	8AM-6PM 7:30PM-12AM
Tuesday, March 6	8AM-6PM
Wednesday, March 7	8AM-3PM

Pre-registration for the childcare program is available at
<https://www.kiddiecorp.com/bpskids.htm>

THE PREREGISTRATION DEADLINE IS FEBRUARY 2, 2007.

Special Annual Meeting Travel Rates

The Biophysical Society has made special arrangements for those attending the Annual Meeting with the companies below. When making reservations please refer to the respective meeting ID number for extra savings.



800-521-4041

Meeting ID Number: 513ZY



800-654-2240

Meeting ID Number: 987685

Student Activities

Student Research Achievement Awards (SRAA) Poster Competition

This exciting poster competition will take place on Sunday, March 4, and will feature students who are presenting posters at the meeting and have indicated that they wish to participate in this poster competition. During the competition students give 5-10 minute oral presentations of their posters to designated judges from the Society. Winners will be selected from among the applicants and will be honored at the Monday evening Awards Ceremony.

Don't miss this opportunity to be recognized for your achievements! Students interested in participating in this competition should complete the SRAA application at <http://www.biophysics.org/meetings/2007/sraa.pdf> by the deadline: October 1, 2006.

Undergraduate Student Symposium

College undergraduates hoping to learn more about research and career opportunities in biophysics will find what they need at the Undergraduate Student Symposium. Featuring a seminar on an emerging topic in biophysics and the Emily M. Gray Award lecture, presented by *John Steven Olson*, the Undergraduate Student Symposium is a great way for college and university undergraduates to get to know the field of biophysics. Sponsored by the Education Committee, the symposium will be followed by the Graduate Institution Fair, which introduces undergraduates to the top graduate training programs in biophysics.

Graduate Institution Fair

Are you an undergraduate interested in biophysics? If so, visit the Graduate Institution Fair on Sunday, March 4, at the 2007 Annual Meeting. Sponsored by the Education Committee, this fair will feature top graduate training programs in biophysics. Representatives from colleges and universities from all over the country will be onsite to inform undergraduates about the opportunities awaiting them at their respective graduate biophysics programs. Get to know these institutions and interact with their representatives to gain information, receive literature, and find answers to your questions about graduate programs in biophysics.

Graduate Student Breakfast

Interested in meeting other graduate students in the field of biophysics to discuss the issues you face? The Early Careers Committee will host a Graduate Student Breakfast on Monday, March 5, at the 2007 Annual Meeting. This breakfast will provide the perfect opportunity for graduate students to meet with other graduate student members of the Society to discuss the specific issues facing students in biophysics graduate programs. Career development and making the transition from graduate student to postdoc are just some of the topics that will be discussed at the breakfast. Attendance will be limited to the first 100 attendees so make your plans to arrive early to this event!

Graduate Institution Fair

The Education Committee will host a Graduate Institution Fair at the 2007 Annual Meeting. The fair will be held on Sunday, March 4, from 1:00pm-2:30pm in the Baltimore Convention Center. The fair is scheduled in conjunction with the Undergraduate Student Symposium, a special symposium that reaches out to undergraduate students interested in pursuing graduate training and careers in biophysics. As such, undergraduate attendance is expected to be particularly high on this day of the meeting. This Graduate Institution Fair will present the opportunity for representatives from graduate training programs in biophysics to showcase and highlight their respective curriculums to undergraduate students attending the Annual Meeting.

Each registered institution will be provided with a skirted table and two chairs, and representatives may bring flyers, information booklets, and other materials to hand out to students attending this session.

If you are interested in registering your institution for the Graduate Institution Fair, complete the pre-registration form found at: <http://www.biophysics.org/meetings/2007/grad-fair.pdf>

Reservation fee is \$50 and payment must accompany registration form. Reserved spaces are limited and will be granted on a "first come, first serve" basis.

Visa Information

Scientists planning to enter the US to attend the 2007 BPS Annual Meeting should apply for a VISA at least three months before the meeting. International meeting attendees are encouraged to visit the following websites for information regarding obtaining a visa for entry into the US:

US Department of State
http://travel.state.gov/visa/visa_1750.html
<http://www.unitedstatesvisas.org>

National Academies of Science
<http://www7.nationalacademies.org/visas/>

US Department of Homeland Security
<http://www.dhs.gov/dhspublic/index.jsp>

Exhibits

In addition to the exciting program of symposium and workshops, we encourage attendees to take advantage of the exhibits at the Annual Meeting. Exhibits will be open Sunday, March 4 through Tuesday, March 6, from 10:00am-5:00pm. Over 125 companies will showcase their latest products and will offer one-on-one demonstrations in the exhibit hall. Attendees can view and interact with new products and will also have the opportunity to meet company representatives to receive product information and the answers to any questions. With giveaways and snack breaks throughout the day, visiting the exhibits is both worthwhile and interesting. Exhibits are an important educational component of the Meeting, and income from exhibits allows the Society to maintain low registration rates for everyone, including students.

We look forward to seeing on the exhibits floor at the 2007 Annual Meeting!

Society Donors

The Society gratefully acknowledges the 2006 members who made donations to the Society programs. The names of all the donors are listed on the next few pages. The donations allow for growth each year in Student and International Travel Grants, Public Affairs, Awards and other outreach activities that could not otherwise be undertaken.

\$501-\$5,000

Barany, Michael & Kate

\$100-\$500

Adachi-Akahane, Satomi
Brown, Henry
Gropper, Arthur
Jakes, Karen
Piston, David
Richards, Frederic
Stauffacher, Cynthia
Woodbury, J. Walter

\$50-\$99

Bauer, Paul
Berger, Christopher
Blank, Paul
Brand, Ludwig
Burton, Alice
Cala, Steven
Cheung, Herbert
Clegg, James
Cooke, Ian
Correa, Ana
Crowe, John
Davidoff, Amy
Dilger, James
Durkin, John
Elbaum, Michael
Fidy, Judit
Foster, Thomas
Frauenfelder, Hans
Fried, Michael
Golan, David
Greenfield, Norma
Harper, Paul

Harvey, Stephen
Holtzer, Alfred
Holtzer, Marilyn
Jakobsson, Eric
Kaback, H.
Kimura, Junko
Kirschner, Leonard
Kitazawa, Toshio
Licht, Stuart
Low, Barbara
Ludescher, Richard
Maughan, David
Moller, Jesper
Orozco, Modesto
Rayner, Martin
Reedy, Michael
Reporter, Minocher
Schulte, Alfons
Seeman, Nadrian
Smith, Lula
Sprang, Stephen
Tosteson, Magdalena
Tuma, Roman
Van Holde, Ken
Wakabayashi, Katsuzo
White, Stephen
Zhukovsky, Mikhail

Under \$50

Abriel, Hugues
Acuna-Campa, Heriberto
Adelstein, Robert
Akhremitchev, Boris
Allen, Paul
Allison, William
Altschuld, Ruth
Alvarez, Osvaldo
Alvarez-de-Toledo, Guillermo

Amuzescu, Bogdan
Anderson, Page
Ansevin, Allen
Applebury, Meredith
Armstrong, Clay
Arner, Anders
Arrondo, Jose-Luis
Ashmore, Jonathan
Attali, Bernard
Auer, Manfred
Aulabaugh, Ann
Ausio, Juan
Baazov, David
Babenko, Andrey
Bagatolli, Luis
Baginski, Maciej
Baker, Mark
Baker, Nathan
Ball, William
Banaszak, Leonard
Barenholz, Yechezkel
Barkley, Mary
Barsky, Daniel
Basanez, Gorka
Bashford, Donald
Bassingthwaighte, James
Bastos, Margarida
Batista, Victor
Becker, Michael
Beckett, Dorothy
Behrends, Jan
Beltram, Fabio
Benight, Albert
Benninger, Richard
Benos, Dale
Bentz, Joseph
Bergamini, Carlo
Berman, Helen
Berneche, Simon

Besch, Henry
Bezrukov, Sergey
Bidasee, Keshore
Blab, Gerhard
Blaber, Michael
Blackman, Carl
Blankenship, Robert
Blick, Robert
Block, Steven
Blumenschein, Tharin
Bolen, David
Bondarenko, Vladimir
Borucki, Berthold
Bosmans, Frank
Botelho, Ana Vitoria
Brady, John
Brandenburg, Klaus
Braslavsky, Ido
Brasseur, Robert
Braswell, Emory
Braun, Werner
Brennan, Richard
Brenner, Bernhard
Brenowitz, Michael
Bridges, Robert
Briehl, Robin
Briggs, Margaret
Brodsky, Barbara
Bronner, Felix
Brown, Daniel
Brown, Truman
Brunger, Axel
Bryan, William
Burton, Kevin
Butler, William
Cafiso, David
Campbell, Bruce
Canada, Robert
Caputo, Carlo

Carafoli, Ernesto	Degani-Katzav, Nurit	Ford, George	Guerrero-Hernandez, Agustin
Carrier, Danielle	del Corosso, Cristiane	Forkey, Joseph	Gurnev, Philip
Carter, Charles	Del Principe, Franco	Forman-Kay, Julie	Gutierrez-Merino, Carlos
Cavieres, Jose	Delgado, Carmen	Foster, Kenneth	Ha, Taekjip
Cha, Boyoung	Delisle, Brian	Foster, Margaret	Halayko, Andrew
Chalton, David	Delmar, Mario	Francini, Fabio	Hall, Carol
Champeil, Philippe	Delpon, Eva	Franzini-Armstrong, Clara	Hall, Stephen
Chan, Kim	Diecke, Friedrich	Freed, Jack	Hamasaki, Toshikazu
Chan, Sunney	DiFranco, Marino	French, Robert	Hamilton, Susan
Chellgren, Veronique	Dill, Ken	French, Todd	Hammer, Daniel
Chen-Izu, Ye	Dissing, Steen	Fromme, Petra	Hansma, Helen
Chien, Shu	Diwan, Joyce	Fuchs, Franklin	Hantgan, Roy
Chin, Jean	Dowben, Robert	Fuchs, Paul	Harris, Joseph
Chiu, Daniel	Dreizen, Paul	Fulbright, Robert	Harvey, John
Clapp, Lucie	Dreyer, Ingo	Fygenson, Deborah	Hatakeyama, Noboru
Clayton, Daniel	Dubyak, George	Galinanes, Manuel	Helbing, Jan
Cohen, Carolyn	Dukes, Iain	Galione, Antony	Helliwell, Ray
Cohen, Fredric	Dulhunty, Angela	Gallon, Clare	Hellmann, Nadja
Cole, James	Dunietz, Isard	Garcia de la Torre, Jose	Helrich, Carl
Colvin, Michael	Dvorak, Lubomir	Garcia, Maria	Henzler Wildman, Katherine
Cone, Richard	Eckenhoff, Roderic	Garone, Louise	Herchuelz, Andre
Cornwall, Carter	Edelstein, Stuart	Gelfand, Craig	Herschlag, Daniel
Corry, Ben	Edidin, Michael	Gelles, Jeff	Herzig, Stefan
Couchoux, Harold	Edwards, Brian	Gennerich, Arne	Higuchi, Hideo
Coutinho, Ana	Ehrlich, Joachim	Georghiou, Solon	Hill, Ceredwyn
Coutu, Pierre	Eichhorn, Gunther	Gershenson, Anne	Hill, John
Crittenden, Scott	Eilers, Markus	Gershman, Lewis	Hingerty, Brian
Cross, Timothy	Eliezer, David	Gervais, Patrick	Hisatome, Ichiro
Crothers, Donald	Ellis-Davies, Graham	Gerwert, Klaus	Hitchcock-DeGregori, Sarah
Csordas, Gyorgy	Elson, Elliot	Giangiaco, Kathleen	Ho, Chien
Cunningham, Kristina	Engel, Jutta	Gibor, Gilad	Hochstrasser, Robin
Curtis, Adam	Epstein, Neal	Giles, Wayne	Hoerber, Heinrich
Dale, Robert	Erickson, Jon	Gilmanshin, Rudolf	Holzwarth, George
Dalton, Stanislava	Erramilli, Shyamsunder	Ginsburg, Ann	Hong, Heedeok
Dalziel, Julie	Eterovic, Vesna	Goddard, William	Hopfer, Ulrich
Daniel, Edwin	Fanelli, Francesca	Gokel, George	Horkay, Ferenc
Danuser, Gaudenz	Ferguson-Miller, Shelagh	Goni Urcelay, Felix	Horkayne-Szaicaly, Iren
Dathe, Margitta	Ferrera, Loretta	Gonzalez-Nilo, Fernando	Hrabe, Jan
Davies, David	Ferrer-Montiel, Antonio	Gonzalez-Ros, Jose	Hsu, Tzu-Chi
Davis, William	Ficker, Eckhard	Gonzalez-Serratos, Hugo	Huang, Weijun
Dawson, David	Fischbarg, Jorge	Grabe, Michael	Huestis, Wray
de Groot, Bert	Fischer, Wolfgang	Gradinaru, Claudiu	Hughes, Thomas
de la Maza, Alfons	Fisher, Mark	Grage, Stephan	Huke, Sabine
De Weer, Paul	Fitts, Robert	Greeff, Nikolaus	Iglic, Ales
Deamer, David	Fleig, Andrea	Greenwood, Iain	Ikebe, Mitsuo
Dedkova, Elena	Fleischman, Darrell	Gross, Elizabeth	Itoh, Hiroyasu

Izu, Leighton	Korepanova, Alla	MacDonald, Robert	Nakanishi, Hiroshi
Jack, Mark	Korngreen, Alon	Macgregor, Roderick	Nango, Mamoru
Jacobs, Donald	Kotlikoff, Michael	Machu, Tina	Nathan, Richard
Jahn, Reinhard	Kramer, David	MacKerell, Alexander	Nattel, Stanley
James, Andrew	Krasner, Joseph	Maeda, Yuichiro	Nawrath, Hermann
Janmey, Paul	Krebs, Mark	Magleby, Karl	Neira, Jose
Jarrell, Harold	Krimm, Samuel	Mahmmoud, Yasser	Nerbonne, Jeanne
Jarzynski, Christopher	Krulwich, Terry	Mainsbridge, Bruce	Nicholson, Bruce
Jen-Jacobson, Linda	Kubitscheck, Ulrich	Majima, Toshikazu	Nielsen, Steven
Jentsch, Thomas	Kuno, Miyuki	Mammano, Fabio	Nishio, Matomo
Jiang, Meei	Kurata, Yasutaka	Mandel, Frederic	Njus, David
Jin, J-P	Kushmerick, Martin	Mansson, Alf	Nordenskiold, Lars
Jonas, Elizabeth	Laakkonen, Liisa	Mao, Junjun	Nossal, Ralph
Jordan, Peter	Laaksonen, Aatto	Margulies, Kenneth	Nowak, Linda
Jou, Mei-Jie	Lacerda, Antonio	Markley, John	Nowycky, Martha
Juszcak, Laura	Lai, F. Anthony	Marks, Andrew	O'Brien, John
Kan, Lou-Sing	Lapointe, Jean-Yves	Marunaka, Yoshinori	Ochi, Rikuo
Kantardjieff, Katherine	Larsson, Peter	Mastrangelo, Iris	Ohkura, Masamichi
Kapicka, Chris	Lattanzio, Frank	Mathew, Mathew	Ohta, Yoshihiro
Kaplan, Jack	Lauffer, Max	Mathews, Antony	Oiwa, Kazuhiro
Kaplan, Ronald	Lauterbur, Paul	Matsuura, Hiroshi	Okamoto, Yoh
Karatzafieri, Christina	LeBlanc, Normand	Mattheis, James	Okamura, Emiko
Karpinski, Edward	Lebowitz, Jacob	Matthews, Kathleen	Okamura, Yasushi
Kekic, Murat	Lecar, Harold	Mazzarella, Lelio	Olson, John
Kellermayer, Miklós	Lechleiter, James	McKinney, Leslie	Otto, Michael
Kemple, Marvin	Lecomte, Juliette	McLaughlin, Stuart	Owczarzy, Richard
Kennedy, Brian	Lee, Hon-Chi	McManus, Owen	Pagani, Ioanna
Kereiakes, James	Lee, Jong-Kook	Meiss, Richard	Palmer, Arthur
Kerrick, W.	Leidy, Chad	Meissner, Gerhard	Pappu, Rohit
Kiehart, Daniel	Leinwand, Leslie	Mense, Martin	Pardo, Leonardo
Killian, J.	Lemasters, John	Mildvan, Albert	Parekh, Anant
King, Michael	Leuba, Sanford	Millar, David	Parent, Lucie
Kinnally, Kathleen	Levi, Moshe	Miller, Jay	Pavlin, Mojca
Kinosita, Kazuhiko	Li, Lewyn	Miller, Keith	Pawelek, Peter
Kirk, William	Lieb, Andreas	Mindell, Joseph	Payne, Richard
Kleinhans, Frederick	Lieber, Richard	Mitra, Abhijit	Pellequer, Jean
Kloesgen, Beate	Linsdell, Paul	Montelione, Gaetano	Pencer, Jeremy
Knee, Kelly	Lipicky, Raymond	Montich, Guillermo	Peng, Tsung-I
Knight, Peter	London, Barry	Moreland, Robert	Perez-Gil, Jesus
Knollmann, Bjorn	Longo, Marjorie	Moreno, Alonso	Periasamy, Ammasi
Knutson, Jay	Louzao, M	Mori, Yasuo	Perkins, Walter
Kobayashi, Sei	Luna, Elizabeth	Mosbacher, Johannes	Petrache, Horia
Kobayashi, Toshihide	Luthey-Schulten, Zaida	Muranaka, Ken	Pfitzer, Gabriele
Kochubey, Olexiy	Lynch, Carl	Nagatomo, Toshihisa	Philipson, Kenneth
Koenig, Bernd	Lynch, Joseph	Nagle, John	Philipson, Louis
Komai, Hirochika	Lytton, Jonathan	Naito, Akira	Pilarczyk, Goetz

Pla, Salvador	Saroff, Harry	Steinmeyer, Ralf	Wade, Rebecca
Plested, Andrew	Satoh, Hiroshi	Stett, Alfred	Wagenknecht, Terence
Plotkin, Steven	Sauer, Markus	Strauss, Harold	Waldron, Gareth
Polder, Hans Reiner	Scheenen, Wim	Suarez-Isla, Benjamin	Walsh, John
Pollard, Thomas	Schild, Laurent	Subramaniam, Vinod	Wand, Josh
Pongs, Olaf	Schlattner, Uwe	Suda, Norio	Watts, Anthony
Pott, Lutz	Schoeniger, Joseph	Suginta, Wipa	Wei, Aguan
Pottosin, Igor	Schumaker, Verne	Suh, Chang	Wemmer, David
Prendergast, Franklyn	Schwartz, Russell	Summers, Michael	Westhof, Eric
Prestegard, James	Scott, H.	Sundaram, Shobana	White, Andre
Prieto, Manuel	Sekatskii, Sergey	Svab, Istvan	White, Edward
Prouty, Muriel	Selz, Karen	Szent-Gyorgyi, Andrew	Williams, Brian
Pun, Raymund	Serpescu, Engin	Szewczyk, Adam	Willsky, Gail
Purich, Daniel	Setlow, Richard	Szoka, Francis	Wilson, Bridget
Pusch, Michael	Shamgar, Liora	Takeshima, Hiroshi	Wilson, David
Radermacher, Michael	Sharp, Alan	Tateyama, Michihiro	Wilson-Ashworth, Heather
Raicu, Valerica	Shea, Madeline	Tatulian, Suren	Windhager, Erich
Randall, Cynthia	Sheetz, Michael	Taylor, Kenneth	Windsor, William
Ravens, Ursula	Shepard, Christopher	Tees, David	Winiski, Anthony
Reissner, John	Sherman, Arthur	Thomasson, Kathryn	Wintermeyer, Wolfgang
Remigy, Herve	Shillcock, Julian	Todd, Matthew	Wohlrab, Hartmut
Rennie, Katherine	Shimizu, Juichiro	Tombola, Francesco	Wolska, Beata
Rettig, Jens	Siegel, David	Tompa, Peter	Woodson, Sarah
Richards, Mark	Siegel, Edward	Toombes, Gilman	Wrachtrup, Jorg
Richardson, Jane	Silva, Jerson	Torok, Katalin	Wright, Ernest
Riggs, Austen	Skolnick, Jeffrey	Trentham, David	Wu, Xiao-lun
Ripoche, Pierre	Smith, Jerry	Trepakova, Elena	Xie, Aihua
Roca, Alberto	Smith, Peter	Turner, R.	Xu, Tao
Roche, Camille	Smith, Stephen	Ueda, Issaku	Yamazaki, Jun
Root, Douglas	Smith, Virginia	Ueno, Taro	Yamazaki, Masahito
Rorsman, Patrik	Smithey, Daniel	Ulbrich, Maximilian	Ying, Liming
Rosgen, Joerg	Sohma, Yoshiro	Ulrich, Anne	Yount, Ralph
Rossi, Daniela	Sommer, Joachim	Urbauer, Jeffrey	Ypey, Dirk
Rousseau, Eric	Sorenson, Martha	Vais, Horia	Yuill, Kathryn
Rowat, Amy	Soria Escoms, Bernat	Valenzuela, Carmen	Yurke, Bernard
Royer, Catherine	Sorota, Steve	van Oijen, Antoine	Zacharias, Martin
Rychak, Joshua	Sosa, Hernando	van Osdol, William	Zhadin, Nickolay
Rydvqvist, Bo	Spangler, Robert	Varani, Gabriele	Zhang, Wei
Sackett, Dan	Spassova, Maria	Veenstra, Richard	Zhelev, Doncho
Sackin, Henry	Spencer, Richard	Venanzi, Carol	Zorec, Robert
Sackmann, Erich	Spiro, Thomas	Vergani, Paola	Zuckerman, Daniel
Salditt, Tim	Squier, Thomas	Villalain-Boullon, Jose	Zuckermann, Martin
Salonen, Emppu	Srinivasan, A.	Vogel, Martin	Zupancic, Gregor
Sanchez-Chapula, Jose	Stark, Ruth	Volker, Jens	Zweier, Jay
Sanders, Charles	Staros, James	von Hippel, Peter	
Sargent, David	Steckert, John	Voros, Janos	

Subgroups

Intrinsically Disordered Proteins

It's annual dues time again! We encourage members to sign up for the Intrinsically Disordered Protein (IDP) Subgroup. While the dues won't be determined until our first business meeting on March 3, 2007, we are asking Society Members to contribute whatever they can to help us launch this new subgroup, with a recommended amount of at least \$20.00.

The program for our inaugural symposium on March 3, 2007, appeared both in the May/June Newsletter and also the Call for Papers for the Biophysical Society 51st Annual Meeting. We hope you will join us at this event.

Also, we encourage members to submit abstracts on IDPs for both posters and platform talks for the 51st Annual Meeting. Collected posters and platform sessions will provide important opportunities for the IDP Subgroup Members to exchange information during the regular meeting.

We would like to make IDP Subgroup members aware of three other upcoming sessions or meetings devoted to intrinsically disordered proteins. There will be an EMBO Workshop on *Intrinsically Disordered Proteins (IDPs): Biophysical Characterization and Biological Significance*, which will be held on May 20-24, 2007, in Budapest, Hungary. For more information, contact [Peter Tompa](mailto:Peter.Tompa@enzim.hu) (tompa@enzim.hu).

An INSERM Atelier (a training module) supported by the French National Institute for Health and Medical Research will focus on *Intrinsically Unstructured Proteins and Associated Pathologies: Prediction, Characterization and Function* on July 5-6, 2007, at La-Londe-Les-Maures (Toulon, France). For more information, contact [Sonia Longhi](mailto:Sonia.Longhi@afmb.univ-mrs.fr) at Sonia.Longhi@afmb.univ-mrs.fr.

Finally, the European Biophysical Societies Association (EBSA) and the British Biophysical Society will hold a session on *Biophysics of Disordered*

Proteins at the 6th European Biophysics Congress, which will occur July 15-19, 2007, at the Imperial College, London. [Tony Watts](mailto:Tony.Watts@ebsa2007.org), who can be reached at (EBSA 2007 [sessions@eurobiophysics.org]) has more information about this session.

— *Keith Dunker*

Membrane Biophysics

Call for Nominations for the Kenneth S. Cole Award

The Membrane Biophysics subgroup solicits nominations for the Kenneth S. Cole Award. This is an annual award, given to an investigator who has made a substantial contribution to the understanding of membrane biophysics. The award will be presented at the subgroup dinner following the Saturday afternoon symposium at the Annual Meeting. Any member of the Membrane Biophysics subgroup may be a nominator. The recipient will be selected by the Subgroup Chair and the Advisory Committee. Nominations should contain a brief statement summarizing the qualifications of the nominee. The deadline for nominations is November 1, 2006.

Nominations should be sent to any of the following:

Chair

[Nael A. McCarty](mailto:Nael.A.McCarty@biology.gatech.edu),
(nael.mccarty@biology.gatech.edu)

The Advisory Committee

[David T. Yue](mailto:David.T.Yue@bme.jhu.edu)
(dyue@bme.jhu.edu)

[Deborah J. Nelson](mailto:Deborah.J.Nelson@drugs.bsd.uchicago.edu),
(dnelson@drugs.bsd.uchicago.edu)

[Colin G. Nichols](mailto:Colin.G.Nichols@cellbio.wustl.edu),
(cnichols@cellbio.wustl.edu)

[Eitan Reuveny](mailto:Eitan.Reuveny@weizmann.ac.il),
(e.reuveny@weizmann.ac.il)

Subgroup Secretary/Treasurer

[Carol L. Beck](mailto:Carol.L.Beck@jefferson.edu)
(Carol.beck@jefferson.edu)

Student Tickets to the Cole Award Dinner

To encourage participation in the subgroup, any student member of the Biophysical Society entering the student

poster competition can receive a free ticket to the Cole award dinner. You must have a reservation to receive a free ticket. Additional free tickets will be available on a lottery basis to student members who do not enter the poster competition. The deadline for requesting student tickets is January 31, 2007 (send requests to Carol.Beck@jefferson.edu).

— *Nael A. McCarty, Chair*

— *Carol L. Beck, Secretary/Treasurer*

Motility

The 2007 Motility Subgroup Meeting will be co-chaired by [Josh E. Baker](mailto:Josh.E.Baker@unr.edu), University of Nevada, Reno, and [Enrique M. De La Cruz](mailto:Enrique.M.DeLaCruz@yale.edu), Yale University. The tentative schedule for the symposium and business meeting is listed on page 9. We are honored to have [Jim Sellers](mailto:Jim.Sellers@nih.gov) from the NIH / NHLBI present this year's evening lecture.

The Motility Subgroup website has been created, so please visit us at <http://www.biophysics.org/subgroups/motility.htm>. All interested Society members are welcome to attend the Motility Subgroup meeting. All active Society members are encouraged to become Motility Subgroup members by filling out the membership form on our web site.

— *Enrique De La Cruz*



Jim Sellers, Speaker

Public Affairs

Budgetary Blues Continue for NIH in 2007

Heading into the August recess, the Senate Appropriations Committee approved a 0.8% increase for the NIH in 2007. The increase would bring the NIH budget to \$28.6 billion, \$201 million more than the President requested and more than the House Appropriations Committee approved. The committee also instructed NIH director Elias

Zerbouni to fund the long-term National Children's study, which NIH had proposed discontinuing due to a lack of funds. This is of concern because the money would come from other research projects.

While the Senate committee has approved a small increase, it falls short of inflation. In addition, it also does not include much of the \$7 billion the Senate approved to boost domestic health and education spending earlier this year. The Appropriations Committee has actually only used \$5 billion of that amount, and the biomedical research committee will continue to advocate for the additional \$2 billion.

Even though both Senate and House appropriations committees have approved a 2007 budget for NIH, it is expected that a final bill will be postponed until after the November election. The full chambers both still need to approve their respective bills. Since health and education spending carry political weight, Congressmen do not want to record a vote prior to the election.

House Committee Approves NIH Reauthorization Bill

In the span of a week, Chairman Barton (R-TX) of the House Energy and Commerce Committee introduced legislation reauthorizing the National

Institutes of Health, held a hearing on the legislation, and passed the bill through his committee on a vote of 42-1. The speed of public action reflects the year and one half of leg work Barton and his staff devoted to producing a bill that he, House Republicans and Democrats, the NIH, and the NIH community supported. The legislation passed on September 20th is the first NIH reauthorization approved by the Energy and Commerce Committee in 13 years. Federal agencies are supposed to be reauthorized every five years.

The bill, entitled the "National Institutes of Health Reform Act of 2006," allows for the NIH to receive 5% budget increases each year through 2009, creates a trans-NIH Common Fund, and authorizes a Bridging the Sciences Demonstration Program.

The 5% funding increase allowed for in the Act is higher than the budget increases NIH has received the past three years, but was a point of contention during the markup of the bill. Democrats tried to increase the authorization level to 5% over the biomedical research inflation rate, rather than over the previous year's authorized level by attaching an amendment to the bill. The amendment was voted down on a party line vote.

The Common Fund, which will be housed in the Director's office, is intended to fund research addressing critical

public health needs and evolving areas of scientific opportunity that cross Institute and Center lines. R01 grants will be a significant part of the Common Fund portfolio. The Common Fund will be capped at 5% of the overall NIH budget and will be overseen by a Board representing the Institutes and Centers and the community.

The Bridging Demonstration program included in the bill was advocated for by the Bridging the Sciences Coalition. The program, which would also be housed in the Director's office, would focus on funding research at the interface of the life, computational, mathematical and physical sciences, as well as long-term and high-risk research. The Biophysical Society has been advocating for such a program for three years.

While the Reauthorization bill may be approved by the full House prior to its adjournment at the end of September, it is highly unlikely that the Senate will take up the bill prior to adjourning for the year.

Harvard Committee Recommends Ways to Bridge the Sciences

Much like the Bridging the Sciences Coalition would like to break down the barriers to interdisciplinary research at the federal level, a Harvard University com-

How to Recruit and Retain the Best Scientists in Your Department

Monday March 5, 2:00-3:00 PM

Sponsored by the CPOW

Panelists who are successful in recruiting and retaining scientists in academia and industry will discuss practices that work and how to implement them. Whether you are a senior scientist interested in finding out how to improve recruitment and retention in your department or a junior scientist interested in knowing what practices will help you succeed in your new position, this discussion promises to be stimulating and informative to all. So plan on attending and bringing your questions and ideas.

Panelists will include: Judith Herzfeld, Brandeis University; Gregory Kaczorowski, Merck Research Laboratories; Margaret Murnane, University of Colorado at Boulder; Alexander Ross, University of Montana.

mittee has recommended that the University increase interdisciplinary collaboration among its independent science departments. Suggestions to do so include creating a department of chemical and physical biology and setting up interdepartmental committees that would have the authority to recommend faculty appointments. The committee also recommends creating an interdisciplinary research center, while also maintaining strong support for the traditional disciplines. The committee is collecting comments on its recommendations and will issue a final report in December.

Round-up:

FDA: The Food and Drug Administration (FDA) announced plans to maintain a waiver program that allows experts with industry ties to serve on advisory panels. To address concerns about such experts having conflicts-of interest, the agency plans to review the waiver-granting policy and make the process more transparent to the public. This announcement comes as both the House and Senate are both considering legislation that would make it harder for the FDA to use experts with industry ties.

Woodrow Wilson Center: The Woodrow Wilson Center has produced a report entitled, *Nanotechnology: A Research Strategy for Addressing Risk*. The report calls for \$1 billion to be invested over the next two years to create an overarching strategy and research priorities to ensure the safety of nanotech products and applications. The report calls for the agencies responsible for health and the environment to take the lead: EPA, NIST, NIH and OSHA. Andrew Maynard of Lux Research authored the report.

NSF: NSF has released a report entitled *Federal Funds for Research and Development: Fiscal Years 2003-2005*. The report provides details on federal R&D spending across agencies as well as federal spending obligations to universities. The report is available at

www.nsf.gov/statistics/nsf06313/.

NCI: In August, President Bush announced the appointment of *John E. Niederhuber*, M.D. as the 13th Director of the National Cancer Institute (NCI). The position does not require Senate confirmation. Niederhuber has been acting director of NCI since June. Prior to being named acting director, Niederhuber served as NCI's Chief Operating Officer and Deputy Director for Translational and Clinical Sciences since September 2005. Before joining the NCI in a full-time capacity, Niederhuber was a Professor of Surgery and Oncology at the University of Wisconsin School of Medicine and Director of the University of Wisconsin Comprehensive Cancer Center. Earlier in his career, Niederhuber chaired the Department of Surgery

Profile (Continued from page 3.)

tournament at the annual Molecular Genetics of Bacteria and Phage Meeting.

Kenney is involved in the BPS Public Affairs Committee in part because of her concern about the impact that current funding will have on science and how it is conducted. "Our best discoveries have been when people didn't set out to make that discovery. They worked on a system and followed their interest and there were spin offs in ways they couldn't have predicted," Kenney says, noting this serendipity method is changing. "I think we are undergoing some profound changes because the funding situation has made it more difficult. It's going to change our whole medical school/university system," Kenney predicts. Scientists were once supported by their university salary, but now are being asked to bring in their salary from grants, which adds tremendous stress. In addition, "we're under pressure from NIH to do more translational research,"

she explains, which she predicts will result in a change in topics that are researched.

Kenney remains active outside of science, a trait inherited from her mother. As a graduate student and postdoc, she played softball on both department and city teams. She can often be spotted in airports, tennis racquet in hand, ready to get in a few games whenever possible. Kenney has two stepchildren, Rachel and Joanna, as well as three grandchildren. She enjoys art and music and believes that had she not chosen science, she would have chosen a career in one of those genres. "Science, music, and art are all related," she says. Through her musician brother, Jerry, she sees the similarities firsthand. She relates to his playing a saxophone solo because he is putting himself out there in a similar way she does when talking to the scientific community about her research. Science, music and art require the confidence to expose oneself to criticism.

Like many, Linda hopes to impact the career choices of future scientists in a positive way. "My favorite time is when I'm working with a postdoc and we're discussing a result and we come up with a new way of thinking about the results," Kenney admits. "My door

"The biophysics-genetics mix is not common, nor easy to master, but her efforts at this have given her an important and unsurpassed

is always open," she says. "I am always available to talk about experiments." She also values the time with her colleagues, an ability that has enabled her to bridge the gap between genetics and biophysics. "Science is a way of looking at the world, or coming to ways of understanding our world," says Kenney. It's a lifestyle she has totally embraced.

Members in the News



Christopher Dobson, of the University of Cambridge and member since 1998, received the 2006 Hans Neurath Award from the Hans Neurath Foundation. The award recognizes an individual who has made a recent contribution of unusual merit to basic research in the field of protein science. Dobson was chosen based on a recent demonstration that amyloid fibrils are a genetic structure that can be adopted by nearly all proteins.



Vijay Pande, of Stanford University and member since 1999, received the 2006 Irving Sigal Young Investigators Award. The award is sponsored by Merck Research Laboratories and recognizes a scientist who is in the early stages of an independent career with a significant contribution to the study of proteins. Pande received the award for his unique approach to employing advances in algorithms that make optimal use of distributed computing, which places his efforts at the cutting edge of simulations. The results have stimulated a re-examination of the meaning of both ensemble and single-molecule measurements.



Art Horwich, of Yale University School of Medicine and member since 2001, received the 2006 Stein and Moore Award together with Ulrich Hartl from the Max-Planck Institute for their groundbreaking work on chaperone-assisted protein folding. The award is sponsored by The Merck Company Foundation, and is named for Nobel Laureates Stanford Moore and William Stein.



Stephen Mayo, of the California Institute of Technology and member since 1999, received the 2006 E.E. Just Lecturer Award. Mayo was chosen by the ASCB Minorities Affairs Committee in recognition of his outstanding scientific achievement by a minority scientist. The award memorializes the early 20th Century biologist E.E. Just.

Additional 2006 Biophysical Society Members

The names listed below did not appear in the print Directory for 2006. These members joined or renewed their membership after the Directory's publication.

Andersen, Lars H., University of Aarhus
Archontis, Georgios, University of Cyprus
Bai, Yu, Stanford University
Barrick, Doug, Johns Hopkins University
Burgess, Don, Asbury College
Caplan, Michael R., Arizona State University
Caves, Leo S., University of York
Chan, Hsiao Chang, Chinese University of Hong Kong
Chiti, Fabrizio, University of Florence
de Foresta, Beatrice, CEA Saclay
Ellisman, Mark H., University of California, San Diego
Fiset, Celine, Montreal Heart Institute
Goonasekara, Haritha, Memorial University of Newfoundland
Liu, Gang-yu, University of California, Davis
Liu, Liu, University of Pennsylvania
Lozinskiy, Ilya, University of Kentucky
Maiti, Debasish, Johns Hopkins University
Marcotte, Isabelle, University of Quebec
Martin, Hunter, Thomas Jefferson University
Miyamoto, Shigeaki, Kyushu Institute of Technology
Neira, Jose L., University Miguel Hernandez
Norton, Byron K., University of Kentucky
Prigge, Sean Taylor, Johns Hopkins University
Rana, Mitra S., University of Texas
Raychaudhuri, Subhadip, University of California, Davis
Remigio, Wilton G., Loma Linda University
Rivas, German, CSIC
Shinbrot, Troy, Rutgers University
Soto, Patricia, University of California, Santa Barbara
Suginta, Wipa, Suranaree University of Technology
Sunami, Akihiko, Tokyo Med/Dent University
Thurner, Philipp J., University of California, Santa Barbara
Touborg, Peter F., University of Southern Denmark
Towles, Kevin B., Drexel University
Wang, Cheng
Wang, Xiaoping, University of Texas, MD Anderson Cancer Center
Watanabe, Shinya, University of Massachusetts Medical School
Williamson, Jamie, Scripps Research Institute
Winkler, Kathrin, Free University
Yang, Zhaohui, University of Pennsylvania School of Medicine
Yuill, Kathryn H., University of Bath
Zakharian, Eleonora, University of Medicine & Dentistry of New Jersey



Hristova Named Dayhoff Awardee

Kalina Hristova, of Johns Hopkins University, will receive the 2007 Margaret Oakley Dayhoff Award at the Society's Annual Meeting in Baltimore. Hristova will receive the award for her extraordinary and outstanding scientific achievements in biophysics research, specifically, for her work on lipid bilayers and protein folding at bilayer surfaces, valuable for applications in biology and medicine.

Scientific Review Administrator

(Health Scientist Administrator)

Center for Scientific Review

<http://cms.csr.nih.gov/>

Would you like to work with the most accomplished scientists in your field to provide fair and expert peer review of research and training grant applications submitted to the NIH? The Center for Scientific Review is recruiting dynamic, experienced research scientists in a variety of scientific areas. The successful candidate will be a respected, accomplished scientist with maturity, integrity and outstanding communication skills. Requirements include an M.D. or Ph.D. degree in the biomedical or behavioral sciences (or equivalent training and experience), a record of independent research accomplishments in your field, documented by an outstanding publication record and administrative background.

The Scientific Review Administrator is at the focal point of NIH peer review. SRAs analyze grant applications for key topic areas, recruit experts, conduct study section meetings, and prepare review documents. The position involves travel to scientific meetings, training in health science administration, opportunities to serve the larger NIH community, and career development activities.

Compensation is commensurate with research experience and accomplishments, and a full Civil Service package of benefits is available (including retirement and thrift plans as well as health, life, and long-term care insurance).

For information about current opportunities as a Health Science Administrator at CSR, consult our website: <http://cms.csr.nih.gov/AboutCSR/Employment/>. Feel free to call (301) 435-1111 as well, if you have any questions.

DHHS and NIH are Equal Opportunity Employers

Biophysical Society Volunteer Biographical Sketch

The Biophysical Society Committees are essential to the implementation of the Society's stated purpose to encourage development and dissemination of knowledge in biophysics. Committee members and chairs in all but two of the Society's fourteen committees serve three-year terms, renewable once. All new and continuing committee appointments are approved by Council when it meets each year at the Annual Meeting. Committee members must be current Society members at the time of their appointment. Society members who wish to be considered for a committee appointment are encouraged to submit this form.

Volunteer forms received prior to November 15, 2006, will be considered for appointment in 2007.

I wish to be considered for (indicate office): _____

I am interested in serving on the following committee(s): _____

Full name: _____

Highest degree: _____ Year received: _____

Discipline/Field: _____

Institution where degree was received: _____

Present title/department/institution: _____

Research interests and experience: _____

Previous Biophysical Society experience (Officer, Executive Board, Council, Editor, Committee Chair or member, Subgroup Chair, etc.):

My reason for running for this office or serving on this committee is: _____

Signature: _____ Date: _____

Mail or fax completed form to:
 Secretary
 Biophysical Society
 9650 Rockville Pike, Bethesda, MD 20814-3998
 301-634-7133

Upcoming Events*

November 15-18, 2006

PRIM&R's 2006 Annual Human Research Protection Programs (HRPP) Conference - A Commitment to Ethical Research: Advancing the Mission of Human Research Protection Programs
Washington, D.C.

<http://www.primr.org>

April 1 - 4, 2007

Second Workshop on Biophysics of Membrane-active Peptides
Lisbon, Portugal

<http://www.biophysicmap.com>

May 20-24, 2007

EMBO Workshop on Intrinsically Disordered Proteins
Budapest, Hungary

See page 18 for more information.

June 20-24, 2007

2007 ASME Summer Bioengineering Conference
Denver, Colorado

<http://divisions.asme.org/bed/events/index.html>

July 5-6, 2007

INSERM Atelier on Intrinsically Unstructured Proteins
Toulon, France

See page 18 for more information.

July 15-19, 2007

6th European Biophysics Congress
Imperial College London

See page 18 for more information.

*Please visit <http://www.biophysics.org/> for a complete list of upcoming events.



Biophysical Society

9650 Rockville Pike
Bethesda, Maryland 20814-3998

Non-Profit Org. U.S. Postage PAID Bethesda, MD Permit No. 5460
--