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Biophysical Society

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## Biophysical Society Announces Winners of 2007 Student Travel Awards

Bethesda, MD— The Biophysical Society has announced the winners of its student travel award to attend the Society's 51st Annual Meeting in Baltimore Maryland, March 3-7th, 2007. The recipients of this competitive award are selected based on scientific merit, with priority given to those who will present a paper at the conference. Each awardee receives a travel grant and will be recognized at a reception on Saturday, March 3, 2007.

The 2007 recipients of the Student Travel Award are:

**Youval Ben Abou, Ben Gurion University of the Negev**, "Activation Gating of Potassium Channel Pores is Controlled by Hydrophobic Interactions."

**Dovart Brass, Tel-Aviv University, Ramat-Aviv**, "Point mutation in the HCN4 Cardiac Ion Channel Pore is associated with Familial Sinus Bradycardia."

**Esther Caballero-Manrique, University of Oregon**, "A Langevin Equation Approach to Bridge Different Timescales of Relaxation in Protein Dynamics."

**Hanning Chen, University of Utah**, "Proton Transport and Gating Mechanisms in Proton Channels."

**Jaime L. Curtis, Michigan State University**, "Structural Analysis of Membrane-Associated Influenza Fusion Protein by Solid State NMR."

**Gregory J. Digby, Medical College of Georgia**, "Some Heterotrimeric G-proteins Dissociate After Receptor Activation."

**Yuntao Duan, University of Rochester**, "Ca2+-dependent Generation of Mitochondrial Reactive Oxygen Species Serves as a Signal for Poly(ADP-Ribose) Polymerase-1 Activation during Glutamate Excitotoxicity."

**Sharon Gilead, Tel Aviv University, Tel Aviv**, "Uncovering Nature's Route for Amyloid Prevention: Molecular Mapping of the Recognition Interface of Islet Amyloid Polypeptide and Insulin."

**Anika Grutzner, University of Muenster**, "Potential for Disulphide-Bridge Formation and Phosphorylation-Dependent Modification of Mechanical Properties in the N2B-Domain of Human Cardiac Titin."

**Jennifer Hom, University of Rochester**, "Regulation of Mitochondrial Morphology by Intracellular Calcium."

**Gentaro Iribe, Oxford University, UK**, "Modeling Study of Load-(in)Dependency in Single Myocardial Cell Mechanics."

**Lorant Janosi, University of Missouri-Columbia**, "Free energy profile of glycerol transport through GlpF."

**Kathryn Kloepper, University of Illinois, Urbana**, "Solid-state NMR Reveals Structural and Dynamic Differences Among Parkinson's Disease-Causative Synuclein Mutants."

**Sheereen Majd, University of Michigan**, "Stamped Arrays of Membrane Proteins for High-Throughput Applications."

**Artem V. Melnykov, Washington University School of Medicine**, "Correction of Photon Counting Histogram Analysis for Diffusion: Cumulant Expansion Approach."

**Jose Moran-Mirabal, Cornell University**, "Cell Investigation of Sub-wavelength Optical Nanostructures: Plasma Membrane Studies with Single Molecule Resolution."

**Sébastien Morin, Université Laval**, "Backbone Dynamics and Amide Exchange for the 29.5 kDa Class A Beta-Lactamase PSE-4 by NMR."

**Eric S. Richardson, University of Minnesota**, "The Role of Ultrasound Cavitation in Liposome Size Reduction."

**Dennis Rottlaender, University of Cologne**, "Functional Modulation Of Human Vascular α1C-Splice Variants By β-Subunits."

**Aiwei Tian, University of Pennsylvania**, "Direct Measurement of Composition Dependent Boundary Line Tension of Fluid Vesicle Membrane Domains by Micropipette Aspiration."

**Jessica M. Walte, UC-Berkeley**, "Light-powering E. coli with proteorhodopsin."

*The Biophysical Society, founded in 1956, is a professional, scientific society established to encourage development and dissemination of knowledge in biophysics. The Society promotes growth in this expanding field through its annual meeting, monthly journal, and committee and outreach activities. Its nearly 8000 members are located throughout the U.S. and the world, where they teach and conduct research in colleges, universities, laboratories, government agencies, and industry. For more information on the society or the 2007 annual meeting, visit www.biophysics.org.*