Biophysical Society

FOR IMMEDIATE RELEASE **December 13, 2009**

Biophysical Society Announces Winners of 2010 Minority Travel Awards

Bethesda, MD— The Biophysical Society has announced the winner of its Minority Travel Awards to attend the Biophysical Society's 54th Annual Meeting at the Moscone Convention Center in San Francisco, California, February 20-24, 2010. The awards are meant to encourage participation at the Biophysical Society Annual Meeting by minority students currently studying biophysics. Recipients will be honored at a reception on Saturday February 20.

The 2010 recipients of the Minority Travel Award are:

Meylyn Chery, Brooklyn College of the City University of New York, "BENZO[b]FLUORENONE AS A QUADRUPLEX INTERACTIVE AGENT (QIA): BINDING STUDIES AND QUADRUPLEX FORMATION WITH THE HUMAN TELOMERIC HT4 SEQUENCE."

Maria Davila, Loyola University, "SUMOYLATION OF VOLTAGE-GATED ALPHA1A CALCIUM CHANNELS."

Luisirene Hernandez, The City College of New York, "OBTAINING FUNCTIONALLY RELEVANT PROTEIN STRUCTURAL TRANSITIONS USING A COMBINED PHYSICS/STRUCTURE-BASED COARSE-GRAINED MODEL."

Khalil Howard, Syracuse University, "NATURE AS A SCAFFOLD: THE RATIONAL REDESIGN OF A PROTEIN PORE."

Regis James, Baylor College of Medicine, "DETERMINING ORIENTATION IN CRYOEM SINGLE PARTICLE ANALYSIS."

Markita Landry, University of Illinois at Urbana Champaign, SINGLE MOLECULE STUDIES OF THE RECOGNITION SEQUENCE FINDING MECHANISM OF PROTELOMERASE TELK."

Chengetai Mahomva, Swarthmore College, "CHARACTERIZATION OF THE LIGAND-BINDING SITE OF AN AUTOINDUCER-2 RECEPTOR ORTHOLOG IN RHIZOBIUM LEGUMINOSARUM."

Weber Mariko, University of North Carolina, Chapel Hill, "PROTEIN AGGREGATION IN HUMAN AGE-RELATED NUCLEAR CATARACTS: ELECTRON TOMOGRAPHIC ANALYSIS."

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Mrinalini Ramanan, George Mason University, “AFFINITY BAITS AND THE INTERIOR ENVIRONMENT OF HYDROGEL PARTICLES.”

Lauren Regueyra, Miami University, “PRESSURE EFFECTS ON THE SOLVENT DENATURATION OF NADH PROBED USING FLUORESCENCE SPECTROSCOPY.”

Conner Sandefur, University of Michigan, BISTABILITY IN THE PROINSULIN LEVELS OF AKITA MICE PANCREATIC BETA-CELLS.”

Robert Steward Jr., Carnegie Mellon University, “CONTROL OF EXTRACELLULAR MATRIX ORGANIZATION THROUGH COUPLED MECHANICAL AND CHEMICAL INPUTS.”

Rolando Valdez, University of Texas at San Antonio, “PREFIBRILLAR FORMATION CONDITIONS OF ƒÀ-LACTOGLOBULIN BY TITRATION AND CHAOTROPES UREA AND KSCN UNDER THERMAL LOAD.”

The Biophysical Society, founded in 1956, is a professional, scientific society established to encourage development and dissemination of knowledge in biophysics. The Biophysical Society's Annual Meeting is the world's largest meeting of biophysicists -over 6,000 attendees are expected. Over 4000 scientific abstracts have already been submitted for presentation at this event. For more information about the Meeting or the Society’s awards, visit http:/www.biophysics.org or contact Ellen R. Weiss at (301) 634-7176 or eweiss@biophysics.org.