

FOR IMMEDIATE RELEASE

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Contact: Erica Retrosi eretrosi@biophysics.org

Biophysical Society Announces Winners of 2012 Minority Affairs Committee **Travel Awards**

Rockville, MD— The Biophysical Society has announced the winners of its Minority Affairs Committee travel awards to attend the Biophysical Society's 56th Annual Meeting at the San Diego Convention Center in San Diego, California, February 25-29, 2012. The awards are meant to encourage participation at the Biophysical Society Annual Meeting by minority students and early career scientists currently studying biophysics. Recipients will be honored at a reception on Saturday, February 25.

The 2012 recipients of the Minority Affairs Committee Travel Award are:

Diego Baptista, San Francisco State University, TRAPPING INTERMEDIATES: DEVELOPING A METHOD CRYOGENIC MAGNETIC CIRCULAR DICHROISM.

Mia Brown, University of Missouri, PERSISTENT ALPHA-HELICAL CONTENT AND LOCAL HELICAL STRUCTURAL FLUCTUATIONS FROM A MOLTEN GLOBULE TO ORDERED PEPTIDE TRANSITION.

Cameron Lee Brown, University of Georgia, UNCOVERING A MECHANISM BY WICH EVOLUTION ALTERS EXISTING PROTEIN FUNCTION TO FORM A NEW ONE.

Daniel Capelluto, Virginia Polytechnic Institute, LIPID-DEPENDENT MEMBRANE-MEDIATED FUNCTION OF DISABLED-2.

Brian Castellano, San Jose State University, EFFECTS OF TMAO ON THE FREE ENERGY OF WATER AND PROTEIN FOLDING.

Brandie Cross, Johns Hopkins University School of Medicine, INTERACTIONS BETWEEN SECRETORY PATHWAY CA²⁺-ATPASE 2 WITH TRP AND ORAI CHANNELS MEDIATE STORE INDEPENDENT CA²⁺ ENTRY IN LACTATION.

Brittny Davis, University of Maryland, Baltimore, ALLOSTERIC INHIBITORS ALTER THE DYNAMIC AND THERMODYNAMIC PROPERTIES OF THE RNA POLYMERASE FROM HEPATITIS C VIRUS.

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Luis Marky

Professional Opportunities

for Women (CPOW)

Rajini Rao

Membership

Erin Sheets

Publications

David Piston

Public Affairs

Kathleen Hall

Gladys Diaz Vazquez, University of Puerto Rico, Cayey, Puerto Rico, EFFECT OF PHOSPHATIDYLSERINE ON ASYMMETRIC MEMBRANE FUSION.

Candice Etson, Tufts University, SINGLE-MOLECULE STUDIES OF RESTRICTION ENDONUCLEASE KINETICS.

Craig Fogle, University of California, Los Angeles, TRANSITIONS IN CELL NUCLEUS MORPHOLOGY DETERMINED BY EXPRESSION LEVELS OF NUCLEAR ENVELOPE PROTEINS.

Lina Gonzalez, Carnegie Mellon University, INTEGRATED GLOBAL AND LOCAL FIELD SENSING IN MAGNETOSPIRILLUM MAGNETOTACTICUM.

Eric Johnson-Chavarria, University of Illinois, Urbana Champaign, INVESTIGATING THE EFFECTS OF DYNAMIC EXTERNAL STIMULI ON SINGLE CELL FITNESS AND GENE EXPRESSION IN ESCHERICHIA COLI.

William Lopez, University of Medicine and Dentistry, New Jersey, A HUMAN DISEASE MUTATION (D50N) REVEALS INSIGHTS ON THE MECHANISMS FOR CA2+ REGULATION IN HUMAN CONNEXIN26 (hCX26) HEMICHANNELS.

Socheata Ly, Boston Biomedical Research Institute, STRUCTURAL INSTABILITY OF TROPOMYOSIN FHC MUTANTS D175N AND E180G PROBED BY LIMITED TRYPSIN CLEAVAGE.

Brooke Miller, St. Louis University, CALCEIN INHIBITS VESICLE RELEASE.

Ana Maria Moreno, University of Arizona, RAPID MOLECULAR DETECTION OF E. COLI USING DOUBLE STRANDED DNA MOLECULAR PROBES.

Ian Rowe, University of Maryland, THE HOLLOW DOMAIN OF THE MECHANOSENSITIVE CHANNEL MSCS IS A SENSOR OF CYTOPLASMIC CROWDING.

Sara Sizeman, Arizona State University, TRANSIENT TERTIARY CONTACT FORMATION IN THE CGRP NEUROPEPTIDE REVEALED BY NANOSECOND LASER SPECTROSCOPY.

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 9000 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 these awards, the Society, or the 2012 Annual Meeting, visit www.biophysics.org.