



Biophysical Journal Selects Five Poster Award Winners at the “Engineering Approaches to Biomolecular Motors: From *in vitro* to *in vivo*” Meeting

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Rockville, MD—The 9000-member Biophysical Society is pleased to announce winners of the Biophysical Journal Outstanding Poster Awards given at the “Engineering Approaches to Biomolecular Motors: From *in vitro* to *in vivo*” Meeting thematic meeting on June 17 in Vancouver, Canada. The purpose of the meeting was to bring together researchers from diverse disciplines who are developing novel ways of measuring and controlling biomolecular motors inside and outside of cells, synthesizing artificial molecular motors inspired by biology, harnessing motors for applications in devices, or developing theories that cut across biological and synthetic systems. Four students and one postdoctoral fellows were selected for their outstanding poster presentations.

The student poster winners and their poster titles are:

Damiano Verardo, Lund University, Sweden, and **Chapin Korosec**, Simon Fraser University, Vancouver, Canada, for *Synthesis and Characterization of the Lawnmower: An Artificial Protein-Based, Burnt-Bridges Molecular Motor*;

Tom Zajdel, University of California, Berkeley, for *Impedance-Based Electrochemical Readout of Bacterial Flagellar Rotation*; and

Jasmine Nirody, University of California, Berkeley, for *Dynamics of the Bacterial Flagellar Motor: Theoretical Model and Validation*.

The postdoctoral fellow winner is:

Aidan Brown, Simon Fraser University, Burnaby, Canada, for *Maximizing Irreversibility and Minimizing Energy Dissipation for Simple Models of Mechanochemical Machines*.

The winners were recognized at the closing banquet and river cruise for the meeting and received a monetary prize.

Biophysical Journal (BJ) is the leading international journal for original research in molecular, cellular, and systems biophysics. The journal publishes work in modern biophysics, which encompasses the study of biological structures with a focus on mechanisms at the molecular, cellular, and systems level using the concepts and methods of physics, chemistry, mathematics, engineering, and computational science.

The Biophysical Society, founded in 1958, is a professional, scientific society established to encourage development and dissemination of knowledge in biophysics. The Society promotes growth in this expanding field through BJ, its annual meeting, and committee and outreach activities. Its 9000 members are located throughout the United States and the world, where they teach and conduct research in colleges, universities, laboratories, government agencies, and industry.