2008-2009 Biomedical Engineering Seminar Series
Stony Brook University
An Interdisciplinary Program of Translational Biomedical Research
Wednesdays at 4:00, School of Medicine, Atkins Learning Center, Level 4

September 10, 2008
Patterns in Molecules, Minds and Societies:
Quantitative Understanding of Complex Systems
Yaneer Bar-Yam, Ph.D.
President, New England Complex Systems Institute
Cambridge, Massachusetts

October 22, 2008
New Functions for MRI of the Brain
Alan P. Koretsky, Ph.D.
Scientific Director
National Institute of Neurological Disorders and Stroke, Bethesda, Maryland

November 12, 2008
Mechanical Manipulation of Cells with Acoustic Radiation Force
Robert Muratore, Ph.D.
Principal Member, Biomedical Engineering
Riverside Research Institute, New York

December 10, 2008
Cellular Mechanisms of Mechanical Sensing in Bone
Christopher Jacobs, Ph.D.
Associate Professor of Biomedical Engineering
Columbia University, New York

February 11, 2009
Muscle and Blood: Computer Simulation of the Beating Heart
Charles Peskin, Ph.D.
Professor, Courant Institute of Mathematical Sciences
New York University, New York

March 11, 2009
Challenges in Biomaterials Science and Tissue Engineering
Joachim Kohn, PhD
Director, New Jersey Center for Biomaterials
Rutgers University, Piscataway, New Jersey

April 15, 2009
Nonlinear Microscopy in Bioengineering Research
Warren Zipfel, PhD
Associate Professor of Biomedical Engineering
Cornell University, Ithaca, New York

May 27, 2009
Cell-Based Strategies for Bone Repair
George Muschler, MD, PhD
Professor of Orthopedic Surgery and Biomedical Engineering
Cleveland Clinic Foundation, Cleveland, Ohio

Sponsored by the College of Engineering and Applied Sciences, the School of Medicine, the Center for Biotechnology, The Graduate School and the Vice President for Research. For further information, please contact: The Department of Biomedical Engineering, at 631-632-2302, or visit our homepage at: www.bme.sureck.edu