

DARPA Focus 2000  
6/29/00  
Bob Eisenberg

## **INTERFACING THE ABIOTIC AND BIOTIC WORLD**

*DARPA Program Managers  
Millie Donlon and Anantha Krishnan*

Bob Eisenberg, Proteins as Devices: Ionic Channels

George Robillard Structures of Membrane Proteins

Duan Chen Electrostatics & Electrodifffusion in Channel Proteins

Arun Majumdar Nanomotion from Biomolecules

*All Stretch in Place*

Narayan Aluru Simulation of Emerging Mixed-technology

## Micro- and Nano-Systems

Shekhar Bhansali    Interfacing to the Skin - Is the Skin Dead or Alive?

James Ellenbogen

Mark Hollis        Interfacing Biology and Silicon

Dorian Liepmann    Biosensors: Connecting Biotic with Abiotic Systems

Samir Mitragotri    New Methods for Drug Delivery and Diagnostics