

HUGHES SCIENCE PIPELINE PROJECT  
**ELEVENTH ANNUAL STUDENT RESEARCH SYMPOSIUM**  
TUESDAY, 15 APRIL 2003  
SULZBERGER PARLOR, BARNARD HALL  
SCHEDULE OF SPEAKERS

- 4:05 Welcome Paul E. Hertz, Director of the HSPP
- 4:15 ANEMONA MIHES Research Mentor: Paul Currie, Psychology  
Central injections of Urocortin Alter Food Intake and Energy Metabolism
- 4:30 STEPHANIE WISSIG Research Mentor: R. Remez, Psychology  
On the Contribution of Simple and Complex Sensitivity to Perceptual Organization of Speech
- 4:45 LOUISE MACLEOD Research Mentor: E. Kujawinski, Environmental Science  
The Role of Protozoa in Contaminant Cycling in the Hudson River
- 5:00 MALIKA KAPADIA Research Mentor: T. Klein, Psychology  
The NYC Young Children's Project: The Effects of 9-11 on Young Children in NYC
- 5:15 LAURA NEWBURGH Research Mentor: R. Mukherjee, Physics & Astronomy  
Frictional Muon Cooling
- 5:30 EKATERINA ZELENOVA Research Mentor: D. Merrer, Chemistry  
The Mechanism of Dichlorocarbene Addition to Benzocyclopropene
- 5:45 SASHA BAN Research Mentor: J. Poindexter, Biology  
Immunocytochemical Evidence of Bacteriophage Release from Intact Cells
- 6:00 LAUREN DUNLEAVY BLOOM Research Mentor: J. Glendinning, Biology  
Does Gustducin Play a Central Role in the Transduction of Sweeteners?
- 6:15 RUTH KANG Research Mentor: E. Kujawinski, Environmental Science  
The Structure of Dissolved Organic Matter
- 6:30 SARAH LITTMAN Research Mentor: Ann Senghas, Psychology  
From the Hands of Babes: The Path from Gesture to Mature Sign Language
- 6:45 EMMA FRIED-CASSORLA Research Mentor: J. Mohler, Biology  
A Tetracycline-regulatable Gene Activation System for Drosophila: Generation of Tissue Specific Activation Lines
- 7:00 VINNIE KATHPALIA Research Mentor: S. Hua, Biology  
The Role of Ca<sup>2+</sup> in Synaptic Delay in Crayfish Neuromuscular Junctions
- 7:15 SALIMA JONES Research Mentor: Peter Bowers, Environmental Science  
The Vulnerability of Brownfields in NYC to Climate Change and Sea Level Rise