

HUGHES SCIENCE PIPELINE PROJECT  
**EIGHTH ANNUAL STUDENT RESEARCH SYMPOSIUM**

WEDNESDAY, 12 APRIL 2000

ELLA WEED ROOM, MILBANK HALL, 2<sup>nd</sup> FLOOR

SCHEDULE OF SPEAKERS

- 4:05 Welcome Paul E. Hertz, Director of the HSPP
- 4:15 DANA STERN Research Mentor: Reshmi Mukherjee, Physics & Astronomy  
X-Ray and Gamma-Ray Observations of the COS-B Field 2CG 075 + 00
- 4:30 VANESSA YUILLE Research Mentor: Reshmi Mukherjee, Physics & Astronomy  
ASCA Observations of Cas A
- 4:45 JAMIE BALLANTYNE Research Mentor: Peter Bower, Environmental Science  
Bambi Is Destroying Our Forests: Vegetation Regeneration Following a Clear-Cut
- 5:00 KATHLEEN ROOSEVELT Research Mentor: Peter Bower, Environmental Science  
Analysis of Stream Water Chemistry in an Urban Drainage System
- 5:15 SOPHIA FU Research Mentor: Ann Shinnar, Chemistry  
Bromotryptophan: Purification and Characterization of a Brominating Enzyme from Hagfish
- 5:30 ERICA LAVEZZARY Research Mentor: Barbara Woike, Psychology  
The Role of Personality Motives on the Content and Structure of Autobiographical Memories
- 5:45 ANI AYDIN Research Mentor: Rae Silver, Psychology  
Target Areas of the SCN
- 6:00 JANELLE BARNES Research Mentor: Robert Remez, Psychology  
On Idiolectal Differences in Speaking Rate: A Comparison of Spontaneous and Read Speech
- 6:15 HANNAH BROWN & MAYA CAPOOR Research Mentor: John Glendinning, Biology  
Mechanisms for Overcoming the Unpalatable Taste of Bitter Compounds
- 6:45 DORENE MARINESE Research Mentor: Brian Morton, Biology  
Preferential Synonymous Codon Usage in Plastids: Enhanced Accuracy of Protein Synthesis
- 7:00 AYELET KATTAN Research Mentor: Larry Heuer, Psychology  
Perceptions of Procedural Fairness: Cops vs. Civilians
- 7:15 SHALINI PERSAUD Research Mentor: Jym Mohler, Biology  
Screening for *mafS* mutation in *Drosophila*
- 7:30 MARIA CHOY-BROWN Research Mentor: Peter Balsam, Psychology  
The Role of Dopamine in Temporal Discrimination