

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

TUESDAY, 16 APRIL 2002

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 JOON YOUNG MIMI PARK Research Mentor: John I. Glendinning, Biology  
Can Variation in the *Sac* Locus Explain Differences in Responsiveness to Sweeteners among Mice?
- 4:30 JI YONG KONG Research Mentor: John I. Glendinning, Biology  
Can Mice Become Tolerant to Aversive Taste Stimuli in Their Diet?
- 4:45 REGINA SCHMITT Research Mentor: Brian Morton, Biology  
Genome Analysis Research Package (GARP): A Java Software Package Designed to Facilitate the  
Extraction and Analysis of Genbank Sequence Data Files
- 5:00 ELIZA BOBEK Research Mentors: Rae Silver & Lance Kriegsfeld, Psychology  
The Role of Nitric Oxide in Photic Entrainment
- 5:15 MICHALI BERENSTEIN Research Mentor: Peter Bower, Environmental Science  
Stream and Precipitation Chemistry Analysis of Flat Rock Brook
- 5:30 TIFFANY CHRISTATOS Research Mentor: Reshmi Mukherjee, Physics & Astronomy  
Observation of the Active Galaxy Markarian 421 with STACEE
- 5:45 RACHEL SEMPLE-SCHUCTER Research Mentor: Elena Aprile, Physics and Astronomy  
LXeGRIT: A Liquid Xenon Gamma Ray Imaging Telescope
- 6:00 CHRISTINE MUSICH Research Mentor: Ann E. Shinnar, Chemistry  
Biosynthesis of Squalamine in Different Shark Species
- 6:15 KIRYN HASLINGER Research Mentor: Sally Chapman, Chemistry  
Dynamics of Bimolecular Collisions: A Computational Study of Energy Transfer between Pyrazine and  
HX Diatoms
- 6:30 MOBINA KHAN Research Mentor: Paul J. Currie, Psychology  
5-Hydroxytryptamine Inhibits Neuropeptide Y Stimulated Eating via a 5-HT<sub>2A</sub> Receptor Mechanism
- 6:45 HOPE COLEMAN Research Mentor: Janet Larkin, Biology  
Rab3D Is Associated with the Transcytotic Pathway in Polarized Rat Hepatocytes
- 7:00 SHENEQUA MCLEOD Research Mentor: Barbara Woike, Psychology  
The Influence of Personal Motives on Autobiographical Memory