

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

THURSDAY, 15 APRIL 1999

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 KERRI LEE Research Mentor: Peter Balsam, Psychology  
The Effects of Dopaminergic Drugs on Interval Timing
- 4:30 FAHMIDA RASHID Research Mentor: Tovah Klein, Psychology  
Parental Views on Toddler Peer Relationships and Causes of Variation in Parental Trends
- 4:45 HANNAH STORRIE Research Mentor: Sally Chapman, Chemistry  
Modeling Aspects of the Catalytic Cycle of Liver Alcohol Dehydrogenase
- 5:00 CHARLI M. LONG Research Mentor: Christian M. Rojas, Chemistry  
Intramolecular Nitrogen Insertions via Azidoformate Derivatives of Ribose
- 5:15 SARAH TULLY Research Mentor: Christian M. Rojas, Chemistry  
Studies of Intramolecular Nitrene Insertions in Pyranose Glycals
- 5:30 AFUA AGYARKO Research Mentor: James Danoff-Burg, Biology  
Arthropod Diversity in Succession: Separating the Effect of Litter Depth and Composition
- 5:45 MARGARET McDONALD Research Mentor: James Danoff-Burg, Biology  
The Effect of Roads on Arthropod Dispersal Ability
- 6:00 NICOLE HENGGELER Research Mentor: Bruce A. O'Gara, Biology  
Second Messenger Systems Potentially Used by Serotonin in the Pharynx of the Leech
- 6:15 MEE SOON PARK Research Mentor: Janet Larkin, Biology  
Partial Characterization of Rab11-Associated Transcytotic Compartments from Hepatocytes
- 6:30 ANASTASIYA LEBEDEV Research Mentor: Richard Friedberg, Physics  
Methods of Computation on a Lattice
- 6:45 MARIA LOKSHIN Research Mentor: Rae Silver, Psychology  
CaBP Cells of the SCN as Circadian Oscillators
- 7:00 LEONE McCREARY Research Mentor: Martin Stute, Environmental Science  
Radiocarbon Dating of Groundwater in New Jersey: Groundwater Flow and Paleoclimate
- 7:15 NGUYET CHAO Research Mentor: Martin Stute, Environmental Science  
Categorization of ENSO and Its Relation to Precipitation in the Murray/Darling River Basin