HUGHES SCIENCE PIPELINE PROJECT

THIRTEENTH ANNUAL STUDENT RESEARCH SYMPOSIUM

THURSDAY, 21 APRIL 2005

THE JAMES ROOM, BARNARD HALL

SCHEDULE OF SPEAKERS

4:05  PAUL E. HERTZ, Director of the HSPP
      Welcome

4:15  ERICA SCHIEFERSTEIN  Research Mentor: Peter Bower, Environmental Science
      Peregrine Falcons and their Status along the Hudson River and in New York State

4:30  PUJA PATEL       Research Mentor: John Glendinning, Biological Sciences
      How Allelic Variation in the *Tas1r3* Taste Receptor Gene Affects Short-Term Licking
      Responses to Sweeteners

4:45  SUSAN CHYOU       Research Mentor: John Glendinning, Biological Sciences
      The Influence of Allelic Variation in *Tas1r3* on Short-Term Licking Responses in Mice

5:00  SARAH ISRAEL      Research Mentor: Hilary Callahan, Biological Sciences
      Effects of Natural Polymorphisms at Two *Arabidopsis* Flowering Time Loci

5:15  KATRINA DEL FIERRO  Research Mentor: Hilary Callahan, Biological Sciences
      Impacts of Chronic N Amendments on Tree Reproduction in an Oak-dominated Stand
      at Harvard Forest

5:30  ADEENA GABRIEL    Research Mentor: Eshkol Rafaeli, Psychology
      Attachment Styles Affect Our Experience of Hindrance, Not of Social Support

5:45  AMY GOLDMAN       Research Mentor: Reshmi Mukherjee, Physics & Astronomy
      Observing Active Galaxies with STACEE

6:00  KARIN ISAACSON    Research Mentor: Kristen Shepard, Biological Sciences
      The Molecular Population Genetics of the *Arabidopsis CLAVATA2* Gene

6:15  DANA GREENFIELD   Research Mentor: Kristen Shepard, Biological Sciences
      Molecular Population Genetics of the Leucine-rich Repeat Receptor-like Kinase
      CLAVATA1 in *Arabidopsis thaliana*

6:30  VICTORIA GAREL    Research Mentor: Paul Currie, Psychology
      The Effects of Dietary-Obesity on the Orexigenic Action of Ghrelin
6:45  NAWSHIN HOQUE  Research Mentor: Rae Silver, Psychology
      Discovery of a Gastric Food Clock

7:00  SARAH ZWANY  Research Mentor: Lisa Son, Psychology
      The Development of Empathy in Children-Innate or Learned?

7:15  BRIDGET KELLY MARCELLINO  Research Mentor: Christian Rojas, Chemistry
      A Novel Approach to the Synthesis of the Allosamidin Disaccharide

7:30  ANNIE J. JIANG  Research Mentor: Linda Doerrer, Chemistry
      Oxidation Studies of Cu(II) Phenolate Compounds

7:45  PAMELA COLE  Research Mentors: M. Stute & A. Kleimowitz, Env. Science
      Demobilization of Arsenic by Sulfate Reduction at a Landfill Site