

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