HUGHES SCIENCE PIPELINE PROJECT

SIXTEENTH ANNUAL STUDENT RESEARCH SYMPOSIUM

4:15-8:00 P.M.

WEDNESDAY, 9 APRIL 2008

SULZBERGER PARLOR, BARNARD HALL

SCHEDULE OF SPEAKERS

4:20  PAUL E. HERTZ, Director of the HSPP
Welcome

4:30  Ayelet Spitzer  Research Mentor: Matt Wallenfang, Biological Sciences
The effect of a pro-aging gene, methuselah, on the aging of the germ-line stem cells of drosophila melanogaster

4:45  Maika Takita  Research Mentors: Tim Halpin-Healy & Horst Stormer, Physics & Astronomy
Graphene Device Fabrication

5:00  Tzvetomira Atanassova Research Mentor: John Magyar, Chemistry
Probing electron-transfer pathways in cytochrome c

5:15  Kaitlyn Suski  Research Mentor: Dina Merrer, Chemistry
Reactivity of Dihalocarbenes with Cycloalkyne

5:30  Tina Tong  Research Mentors: Rae Silver & Joe LeSauter, Psychology
Exploring Spatio-temporal Organization of SCN Circuits

5:45  Rachel Romesburg Research Mentor: Eshkol Rafaeli, Psychology
Emotional Complexity and Empathic Accuracy in Romantic Dyads

6:00  Lu Han  Research Mentor: Lisa Son, Psychology
The Self- And Other-Hindsight Bias Effect

6:15  Risa Hoshino  Research Mentor: Jennifer Pardo, Psychology
The influence of social factors on speech production

6:30  Jessica Chen  Research Mentor: Jennifer Mansfield, Biological Sciences
Determination of Hoxa-5 Function in Chicken Axial Tissue through RNA Interference

6:45  Emily Kyrillou  Research Mentor: John Glendinning, Biological Sciences
Does High Sugar Intake Lead to Obesity?

7:00  Samantha Roberts  Research Mentor: Hilary Callahan, Biological Sciences
Root Trait Variation among Species in Basal Angiosperm and Seed Plant Clades: Studies at the New York and Brooklyn Botanical Gardens and Barnard Greenhouse

7:15  Maggie Chan  Research Mentor: Hilary Callahan, Biological Sciences
Reproductive and Offspring Trait Variation in Quercus rubra

7:30  Diana Chang  Research Mentors: Martin Stute & Jason Smerdon, Environmental Science
Testing canonical correlation analysis as a climate field reconstruction method using pseudo-proxy experiments

7:45  Margaret Bounds  Research Mentor: Martin Stute, Environmental Science
Push/pull Experiments to Determine Arsenic Reaction Rates