

HUGHES SCIENCE PIPELINE PROJECT

SEVENTEENTH ANNUAL STUDENT RESEARCH SYMPOSIUM

4:15-7:30 P.M.

TUESDAY, 21 APRIL 2009

SULZBERGER PARLOR, BARNARD HALL

SCHEDULE OF SPEAKERS

- 4:20 PAUL E. HERTZ, Director of the HSPP
Welcome
- 4:30 Jade Gieseke Research Mentor: John Glendinning, Biological Sciences
Is Your Sweet Tooth in Your Mouth or Your Stomach?
- 4:45 Ayelet Boussi Research Mentor: Eshkol Rafaeli, Psychology
The Ways We Read Each Other: Micro and Macro Methods of Measuring Empathic Accuracy in Dyadic Relationships
- 5:00 Glenna Clifton Research Mentor: Janna Levin, Physics & Astronomy
Orbits around Spinning Black Holes
- 5:15 Camille Avestruz Research Mentor: Reshmi Mukherjee, Physics & Astronomy
Double Chooz: The Search for θ_{13} and Outer Muon Veto Work at Nevis Laboratories
- 5:30 Jennifer Schloss Research Mentor: Dina Merrer, Chemistry
Mechanism of Halocarbene Additions to Cyclooctyne
- 5:45 Renee Harris Research Mentor: Christian Rojas, Chemistry
2-Amino Sugar Synthesis via Rhodium-Complexed Nitrenes
- 6:00 Elizabeth Edwards Research Mentor: John Magyar, Chemistry
Overexpression and Purification of MarR from *Methanococcus labreanus*
- 6:15 Maria Evans Research Mentor: Lisa Son, Psychology
Knowing Not: A Study of Metacognition
- 6:30 Hannah Schmidt Research Mentor: Larry Heuer, Psychology
The Jack Bauer Way of Justice: Understanding Authorities', Subordinates' and Neutral Observers' Fairness Judgments
- 6:45 Zoe Klein Research Mentor: Russell Romeo, Psychology
The Effects of Stress on Play and Home Cage Behaviors in Adolescent Male Rats
- 7:00 Joyce Pieretti Research Mentor: Kristen Shepard, Biological Sciences
Evolution of the *CLAVATA2* Gene in *Brassicaceae*.
- 7:15 Brianna McTeague Research Mentor: Hilary Callahan, Biological Sciences
Variation in Fine Root Morphology among 25 Tree Species in Two Northeastern Forests