

HUGHES SCIENCE PIPELINE PROJECT

FOURTEENTH ANNUAL STUDENT RESEARCH SYMPOSIUM

THURSDAY, 6 APRIL 2006

ALTSCHUL ATRIUM

SCHEDULE OF SPEAKERS

- 4:20 PAUL E. HERTZ, Director of the HSPP
Welcome
- 4:30 SOURPOUHI BEDIKIAN Research Mentor: Reshmi Mukherjee, Physics & Astronomy
What is The Points Spread Response Function for a High Energy X-Ray Telescope Contaminated
with Dust and Epoxy Fallout?
- 4:45 WING-KI ROSALIA WONG Research Mentor: Tim Halpin-Healy, Physics & Astronomy
Collective Dynamics in Bounded Consensus Models
- 5:00 AQSA SHAKOOR Research Mentor: Hilary Callahan, Biological Sciences
Relating Root Growth Plasticity to Reproductive Plasticity in Drought- Stressed *A. thaliana*
- 5:15 SAMANTHA KROLL Research Mentor: Kristen Shepard, Biological Sciences
Evolutionary Significance of Variation within the *CLAVATA3* Promoter and 3' UTR in *Arabidopsis
Thaliana*
- 5:30 MARGARET FRANK Research Mentor: Kristen Shepard, Biological Sciences
Functional Analysis of Natural Variation in the *CLAVATA2* Gene of *Arabidopsis Thaliana*
- 5:45 JENNIFER IVANOWSKI Research Mentor: Martin Stute, Environmental Science
The Solubility of Sulfur Hexafluoride in Organic Matter
- 6:00 MICHAL ARIELLA LEVINE Research Mentor: James Mohler, Biological Sciences
Steps Toward an Understanding of the Physiological role of $G_q\alpha$ Genes in *Drosophila melanogaster*
- 6:15 GAURI SAXENA Research Mentor: Eshkol Rafaeli, Psychology
Reading Minds: Measuring Empathic Accuracy with Daily Diary Questionnaires and Dyadic
Interactions
- 6:30 SARAH BECKER Research Mentor: Larry Heuer, Psychology
Favoring a Norm of Benevolence Over a Norm of Self-Interest
- 6:45 SHOSHANA OSOFSKY Research Mentor: Lisa Son, Psychology
Illusions of Confidence in the Study Habits of Elementary School Children
- 7:00 KIMBERLY SOGI Research Mentor: Christian Rojas, Chemistry
Stereo- and Chemoselectivity of Nitrenoid Amidoglycosylation Reactions of Glucal 3-Carbamates
- 7:15 SARAH BERNARD Research Mentor: Christian Rojas, Chemistry
Amidoglycosylation Reactions via Metal Nitrenoids of Glucal-3-Carbamates