

HUGHES SCIENCE PIPELINE PROJECT

STUDENT RESEARCH SYMPOSIUM

4:00 -7:00 P.M.

TUESDAY, 27 APRIL 1993

SCHEDULE OF SPEAKERS

- 4:00 DANA LAU Research Mentor: Jeanne Poindexter, Biology
Influence of Temperature on ssRNA Bacteriophage Infection in *E. coli*
- 4: 15 MANU SALUJA Research Mentor: Peter Balsam, Psychology
Experience and Behavioral Development: A Seed in the Beak is Worth Two on the
Ground
- 4:30 MICHELLE BAIRD Research Mentor: Tim Halpin-Healy, Physics
Fractals and DLA
- 4:45 JENNIFER FELLOWS Research Mentor: Robert Remez, Psychology
On the Functional Architecture of Speech Perception
- 5:00 SARASWATI DAYAL Research Mentor: Elise Megehee, Chemistry
New Luminescent Bipyridine Complexes of Rhodium (III). Synthesis and Characterization of
[Rh(bpy)₂][PF₆]
- 5: 15 LEVICA NARINE Research Mentor: Bruce O'Gara, Biology
The Role of Acetylcholine in the Control of the Leech Pharynx
- 5:30 ELIZABETH BONWITCH Research Mentor: Jym Mohler, Biology
Mutagenesis in the 94D/E Region of *Drosophila*
- 5:45 ANNE CHEW Research Mentor: Nathan Chu, Biology
Differences in Morphology of the Pedicel-Primary Stem Junction Associated with a Mutation of the bp
locus in *Arabidopsis thaliana*
- 6:00 SARA SCHMEIDLER Research Mentor: David Bayer, Mathematics
Syntax
- 6: 15 LINDA LIOU Research Mentor: Sally Chapman, Chemistry
Mode Selective Chemistry in the Reaction of Oxygen and Acetylene
- 6:30 JENNIE MILLER Research Mentor: Christina Williams, Psychology
Environmental and Nutritional Enrichment of the Infant Rat: Do They Improve Visuospatial Memory?
- 6:45 JENNIFER NUNEZ Research Mentor: Rae Silver, Psychology
Mast Cells: A Link Between the Immune and Reproductive Systems Plus A Potential Vehicle for
Crossing the Blood-Brain Barrier