FOCAL POINTS
VISION RESEARCH REVELATION

2005 Haas Scholars Undergraduate Research Conference

UNIVERSITY OF CALIFORNIA, BERKELEY

APRIL 7-9 Theatrical Performance
APRIL 29-30 Conference The Faculty Club

http://research.berkeley.edu/haas_scholars/
FRIDAY, APRIL 29
The Faculty Club, Heyns Room

10:00–10:30  Welcome and Coffee

10:30–12:00 One Gene to Rule Them All: Viability, Infection, and Evil Cells
Chair: Professor Robert Fischer, Plant and Microbial Biology
Carolina Dallet (Plant and Microbial Biology Major)
How a DNA Repair Enzyme (DME) Controls Gene Transcription
Sponsor: Professor Robert Fischer, Plant and Microbial Biology
Daniil Prigozhin (Molecular and Cell Biology and Mathematics Major)
Sequence Analysis of a Novel Dengue Virus Strain
Sponsor: Professor Eva Harris, Public Health
David H. Nguyen (Molecular and Cell Biology Major)
Role of PKCzeta Nuclear-localization in Transformation by v-Src
Sponsor: Professor G. Steven Martin, Molecular and Cell Biology

12:00–1:30  Lunch, Howard Room, in honor of 2004–2005 scholars and mentors

1:30–3:00  Two Biologists, an Engineer, and a Laboratory
Chair: Professor Gregory Aponte, Nutritional Sciences
Calvin Tyi Hang (Molecular and Cell Biology Major)
Identifying a Potential Dietary Activator and Regulation of Expression
of a Newly-Cloned Intestinal Orphan Receptor
Sponsor: Professor Gregory Aponte, Nutritional Sciences
Lorraine M. Wang (Molecular and Cell Biology Major)
Subcellular Targeting of the p21-Activated Protein Kinase, Cla4
Sponsor: Professor Jeremy Thorner, Molecular and Cell Biology
Andrew Pascal (Chemical Engineering Major)
A Study of Selective Knoevenagel Condensation Catalysts
Sponsor: Professor Alexander Katz, Chemical Engineering

3:15–4:15  Performing Under Pressure: In the Face of Endocrine Disruption and Memory Incentives
Chair: Professor Tyrone Hayes, Integrative Biology
Rahul Modi (Psychology Major)
Reward Motivation and Working Memory
Sponsor: Professor Mark D’Esposito, Neuroscience
Patricia Hom (Integrative Biology Major)
Effects of Environmental Atrazine Contamination on Rana Pipiens
Gonadal Development
Sponsor: Professor Tyrone Hayes, Integrative Biology

4:30–5:30  Authority and Authentication: Nietzsche on the Will to Power,
Hans Christian Andersen, and Media Theory (with Pirates)
Chair: Terry Strathman, Director, Office of Undergraduate Research
Jacob Coakley (English Major)
Diamonds, Swords, and Video Cameras
Sponsor: Professor Celeste Langan, English
Jin S. Lee (Philosophy Major)
Nietzsche on the Will to Power
Sponsor: Professor Emeritus Wallace Matson, Philosophy

5:30–7:00  New Scholars Reception, Howard Room

Theatrical Performance
Authentic:
A Digital Apology (and Fairy Tale)
Translated and narrated by Margaret Linklater
Adapted to the stage by Jacob Coakley
April 7, 8, and 9
8:00 PM
La Vi’s Northside Subterranean Theatre
1834 Euclid Avenue at Hearst in Berkeley
Admission free
SATURDAY, MAY 1
The Faculty Club, Heyns Room

10:00–10:30 Welcome and Coffee

10:30–12:00 Uncovering Voices of the Past
Chair: Professor Darcy Grigsby, History of Art

Alejandra Dubovský (History Major)
Impossible Witnesses, Recording and Describing Slavery: An Exploration of Slave Letters
Sponsor: Professor David Henkin, History

Susannette Burroughs (History of Art Major)
To Pass Through History and Enter Sanctity: The 'Last Judgment' Mosaic of Prague Cathedral

Jessica Stevenson-Stewart (History of Art Major)
Orientalist Exposures: Image, Authority, and Empire in Gertrude Bell’s Photographic Archive
Sponsor: Professor Darcy Grigsby, History of Art

12:00–12:30 Light Lunch, Heyns Room

12:30–2:00 Invading Our Living Rooms: Worlds Shaped by Media
Chair: Professor Robert Calo, Graduate School of Journalism

Gary K. Li (American Studies and English Major)
Queer en masse: Heterosexual Haunting and Commodity Fetishism in Mass Culture Representations of Homosexuality
Sponsor: Professor Anne A. Cheng, English

Daniel Faltz (Film Studies Major)
Sponsors: Professor Carol J. Clover, Scandinavian and Rhetoric/Film Studies; Kathleen Moran, American Studies

Chau Nguyen Doan (Mass Communications Major)
Covering Media Concentration
Sponsor: Professor Robert Calo, Graduate School of Journalism

2:15–3:45 Policy and Its Discontents: The Need for Societal Intervention
Chair: Professor David Collier, Political Science

Tammy Elwell (Political Economy of Industrial Societies Major)
Targeted Spending for the Very Poor in Chile
Sponsor: Professor David Collier, Political Science

Kangying Connie Wu (Political Economy of Industrial Societies Major)
Mediation Committees in a Modernizing China: Social Class, Property, and Law in Beijing Neighborhoods
Sponsor: Professor Thomas Gold, Sociology

Crystal Liu (Political Science and Molecular and Cell Biology Major)
Pre-Implantation Genetic Diagnosis and Public Policy: Ethical Implications and How to Address Them
Sponsor: Professor Robert Kagan, Political Science