THE SCHOLARLY SPARK
Explorations & Identifications

2012 Haas Scholars Undergraduate Research Conference
UNIVERSITY OF CALIFORNIA, BERKELEY
APRIL 20–21
Conference
April 20
Hotel Durant
2600 Durant Avenue
April 21
9 Durant Hall
UC Berkeley Campus

APRIL 5–14
Art Exhibition
Friendship Park
Nathaniel Klein
Worth Ryder Gallery
116 Kroeber Hall

http://research.berkeley.edu/haas_scholars/
FRIDAY, APRIL 20
California Room, Hotel Durant

8:30–9:00 Welcome and Coffee

9:00–10:30 Navigating Home(land)
Chair: Professor Mel Chen, Gender and Women's Studies

Marco A. Flores (Gender and Women’s Studies major; Gay, Bisexual, and Transgender Studies major)
Sentiments of (Be)longing: Queer Undocumented Immigrants in Search of Home
Sponsor: Professor Mel Chen, Gender and Women’s Studies

Geraldine Gomez (Social Welfare major; Education minor)
Undocumented Latina/o Students’ Struggle and Academic Resiliency in Higher Education
Sponsors: Professor Irene Bloemraad, Sociology and Professor Lisa García Bedolla, Education

Nathaniel Klein (Practice of Art major; Gender and Women’s Studies minor)
Reading Sites, Dropping Lines: An Investigation into Friendship Park
Sponsor: Professor Anne Walsh, Practice of Art

10:45–12:15 (re)productions of art-I-facts
Chair: Professor Juana María Rodríguez, Gender and Women’s Studies

Samantha Alford (Classical Languages major; Anthropology major)
Religious Hierarchy in Ancient Mycenae: A Contextual Analysis of Figurine Production at Petsas House
Sponsor: Professor Kim Shelton, Classics

Clarissa Arafiles (Anthropology major; Gender and Women’s Studies major; Ethnic Studies minor)
Boiling: Postcolonial Critiques in Motion at the Kulô Art Exhibit in Pasay City
Sponsor: Professor Juana María Rodríguez, Gender and Women’s Studies

Niku T’arhechu T’arhesi (Anthropology major)
Why Who Says What about Whom Matters: Anthropological Knowledge Production
Sponsor: Professor William Hanks, Anthropology

12:30–1:30 Lunch, Dining Room, Hotel Durant
in honor of the 2011–2012 Haas Scholars and Mentors

1:45–3:15 ‘Don’t put words in my mouth’: Articulating Voice in the Wake of Turbulent History
Chair: Professor Laura Enriquez, Sociology

Isabella Oppen (Comparative Literature major; German Studies major; Music minor)
Sculpting Memory: Reading Berlin’s Book Burning Memorial
Sponsor: Professor Anton Kaes, German Studies and Film Studies

Brittany Chalfin (English major)
Navigating a Male Discursive Tempest in Charlotte Brontë’s Villette
Sponsor: Professor Janet Sorensen, English

Sandra Portocarrero (Sociology major)
Redefining Life after the Internal Conflict: Women in Ayacucho, Peru
Sponsor: Professor Laura Enriquez, Sociology

3:30–5:00 RPM: Reflection, Progression, Medication
Chair: Professor Richard Mathies, Chemistry

Willie Joe Astronomo Marquez (Sociology major; Education minor)
Managing Type I Diabetes during Adolescence: Social Relationships and Identity
Sponsor: Professor Ann Swidler, Sociology
**Novalia Pishesha** (Bioengineering major)  
*Bridging Immune System and Muscle Regeneration: Elevated Levels of Osteopontin Impair Muscle Regeneration*  
Sponsor: Professor Irina Conboy, Bioengineering

**Navpreet Ranu** (Chemical Engineering major)  
*Development of a Point-of-Care Tuberculosis Diagnostic Device*  
Sponsors: Professor Amy Herr, Bioengineering and Professor Richard Mathies, Chemistry

5:00–6:30 **New Scholars’ Reception, California Room, Hotel Durant**  
in honor of the 2012–2013 Haas Scholars and Mentors

**SATURDAY, APRIL 21**  
9 Durant Hall, UC Berkeley

10:00–10:30 **Welcome and Coffee**

10:30–12:00 **Stayin’ Alive: Societal and Natural Welfare in a Changing World**  
Chair: Professor John Harte, Energy and Resources Group

Jenna Cavelle (Conservation and Resource Studies major)  
Sponsor: Professor Nancy Peluso; Environmental Science, Policy, and Management

Katya Cherukumilli (Environmental Sciences major; Global Poverty and Practice minor, Energy and Resources minor)  
*Testing the Maximum Entropy Theory of Ecology at the Rocky Mountain Biological Laboratory*  
Sponsor: Professor John Harte, Energy and Resources Group

Michal Karmi (Conservation and Resource Studies major)  
*In the Path of the Three Sisters: A Critical Study of Sustainable Food Systems in a Globalized World*  
Sponsor: Professor Claudia Carr; Environmental Science, Policy, and Management

12:15–12:45 **Lunch**

1:00–2:00 **Mystery Science Theater**  
Chair: Professor Robert Fischer, Plant and Microbial Biology

Jessica Pasqua (Chemical Biology major)  
*Functional Characterization of Met12-MTHFR in Saccharomyces cerevisiae*  
Sponsor: Professor Jasper Rine, Molecular and Cell Biology (Genetics)

Denisse Rojas (Integrative Biology major; Sociology major)  
*A Novel Mechanism of Silencing Transposable Elements*  
Sponsor: Professor Robert Fischer, Plant and Microbial Biology

2:15–3:45 **Social Economies of Dependence**  
Chair: Jean Retzinger, Lecturer, Media Studies

Robert King (Media Studies major)  
*The Road Home: How the News Frames Veterans’ Reintegration into 21st Century Civilian Society*  
Sponsor: Professor Jean Retzinger, Media Studies

James Gabriel Eckhouse (Geography major)  
*The Political Economy of the Spectacle*  
Sponsor: Professor Jake Kosek, Geography

Joseph Root (Economics major; Applied Mathematics major)  
*When Hot Money Turns Cold: Sovereign Risk in Europe*  
Sponsor: Professor Barry Eichengreen, Economics

4:00–5:00 **Film Screening and Discussion**  
Nathaniel Klein  
*Friendship Park*