2011 Haas Scholars Undergraduate Research Conference

University of California, Berkeley
Office of Undergraduate Research
Haas Scholars Program
9 Durant Hall #2940
Berkeley, CA 94720-2940

Navigating the Unseen

IN VISIBLE

April 22-23
Conference
9 Durant Hall
UC Berkeley Campus

March 30-April 9
Film Installation:
Landscape of Change
Louisa DeCossy
Worth Ryder Gallery
116 Kroeber Hall

April 23
4:30-5:30
Film Screening
and Discussion:
Women in a Landscape of Change
Louisa DeCossy

http://research.berkeley.edu/haas_scholars/
THE 2010–2011 HAAS SCHOLARS' work sheds light on objects, persons, places, and technologies that often go unperceived. Although topics range from Filipino Arthurian legends to new technologies for silicon nanowires, and research sites vary from the distant Peruvian Amazon to the familiar Home Depot parking lot, all the scholars have charted territory unmarked by academic guideposts. Please join us as the scholars present the insights gained from their shared journey and the interdisciplinary community they formed along the way.

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Landscape of Change
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MARCH 30–APRIL 9
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Film Screening and Discussion
Women in a Landscape of Change
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SATURDAY, APRIL 23
4:30–5:30
9 Durant Hall

FRIDAY, APRIL 22
9 Durant Hall
9:45–10:15 Welcome and Coffee
10:15–11:45 Designing Solutions to Heated Problems
Chair: Professor Irfan Siddiqi, Physics
Matthew Grigorieff (Gender and Women's Studies major, American Studies major; Disability Studies minor)
Disability Studies, Disabled Student Services: Making the Link in Physical Education at UC Berkeley
Sponsor: Professor Charis Thompson, Gender and Women's Studies
Yu-Dong Sun (Materials Science and Engineering major, Physics minor)
Construction of a Novel, Cryogen-Free, Self-Contained Dilution Refrigerator
Sponsor: Professor Irfan Siddiqi, Physics
Jason Ross (Physics major)
Specific Heat Measurements of Silicon Nanowires
Sponsor: Professor Frances Hellman, Physics
12:00–1:00 Lunch, Heyns Room, The Faculty Club
in honor of the 2010–2011 Haas Scholars and Mentors
9 Durant Hall
1:15–3:15 Tradition in Review: From Past to Present
Chair: Professor Daniel Boyarin, Near Eastern Studies and Rhetoric
Amin Ebrahimi Afrouzi (Rhetoric major)
Law, Truth, and Refashioning the Gods
Sponsor: Professor Daniel Boyarin, Near Eastern Studies and Rhetoric
Stefanie Matabang (English and Celtic Studies major)
The Filipino Percival: An Analysis of the Yields of a Filipino Arthurian Text
Sponsor: Professor Joi Barrios, South and Southeast Asian Studies
Zachary O'Hagan (Linguistics major)
The Endangered and the Unknown: The History and Future of Omagua, a Language of Peruvian Amazonia
Sponsor: Professor Lev Michael, Linguistics
Tawny Tsang (Psychology major, Music minor)
Learning from Mistakes: Methods to Assess the Cerebellum's Contribution to Cognition
Sponsor: Professor Richard Ivry, Psychology
3:30–5:00 Demystifying the Molecular World
Chair: Professor John Dueber, Bioengineering
Alison Smith (Chemical Biology major, Dance and Performance Studies minor)
Molecular Characterization of a piRNA Biogenesis Protein
Sponsor: Professor Jennifer Doudna, Molecular and Cell Biology
Elton Chan (Molecular and Cell Biology major)
Elucidating Mechanisms of Fine Genetic Control by an sRNA in Pathogenic Bacterium Salmonella typhimurium
Sponsor: Professor Fenyong Liu, School of Public Health
Susan Chen (Bioengineering and Molecular and Cell Biology major)
Understanding the Mechanism of Synthetic Protein Scaffolding for Improving Metabolic Yield
Sponsor: Professor John Dueber, Bioengineering
5:00–6:15 New Scholars Reception, Durant Hall, 3rd-floor Atrium
to honor the 2011–2012 Haas Scholars and Mentors
SATURDAY, APRIL 23
9 Durant Hall

10:00–10:30
Welcome and Coffee

10:30–12:00
Alternate Geographies: Connecting Social and Natural Spaces
Chair: Professor Paul Groth, Geography
Jonathan Wang (Art Practice and Anthropology major)
Mapping the Non-Spectacle: A Counter-Narrative to the 2010 South Africa World Cup
Sponsor: Professor Greg Niemeyer, Art Practice
Mio Kitayama (Economics and Molecular Environmental Biology major)
Modeling the Future Expansion of Oil Palm Production and Its Impact on Global Biodiversity
Sponsors: Professor Richard Norgaard, Energy & Resources Group, and Professor Mathew D. Potts, Environmental Policy, Science, and Management
Jessica Pizzagioni (Geography major)
The Allure of Granite: Contrasting Identities Created Around the Yosemite Valley
Sponsor: Professor Paul Groth, Geography

12:00–12:45
Lunch, 9 Durant Hall

1:00–2:30
At the Intersection of Power, Culture, and Work
Chair: Victoria Robinson, Lecturer, American Cultures and Ethnic Studies
Katherine Hood (Sociology major)
Discouraged Workers? Making Sense of Long-Term Unemployment in the Midst of the Great Recession
Sponsor: Professor Michael Hout, Sociology
Hector Gutiérrez (Ethnic Studies major)
Permanent Workers in the Temporary Economy
Sponsor: Victoria Robinson, Lecturer, American Cultures and Ethnic Studies
Ekaterina Moiseeva (Political Science major)
The ‘Russian Geisha’: Commodity of a Commodity
Sponsor: Professor M. Steven Fish, Political Science

2:45–4:15
A Trinity of Repression: Marginalized Voices from South Africa, Ireland, and Japan
Chair: Professor Katherine Sherwood, Art Practice
Margaux Fitosu (History major, Global Poverty and Practice minor)
Sponsor: Professor David Cohen, Rhetoric and Classics
Louisa DeCossy (Art Practice major)
Women in a Landscape of Change: Filmic Portraits of Irish Women and a Culture in Transition
Sponsor: Professor Katherine Sherwood, Art Practice
Sonia Gomez (History major)
‘The Loneliest Brides in America’: Japanese War Brides and African American GIs in Postwar America
Sponsor: Professor Waldo Martin, History

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