

2004 University of California Hellman Fellows

UC Berkeley

Sharon Amacher	Molecular and Cell Biology: Genetics and Development	<i>Fishing the genome for transcription factor targets and cis regulatory code</i>
Ozlem Ayduk	Psychology	<i>Continuities in children's ability to delay gratification across the life span</i>
Laurent Coscoy	Molecular and Cell Biology: Immunology	<i>A novel family of E3-ubiquitin ligases regulates the expression of key components of the immune system</i>
Marian Feldman	Near Eastern Studies	<i>The Shared Culture of Wall Painting in the Eastern Mediterranean, 2000-1500 BC</i>
Matthew Francis	Chemistry	<i>Modified Viral Capsids as Targeted Delivery Vectors for Anticancer Agents</i>
Anne-Lise Francois	English	<i>Open Secrets: The Literature of Uncounted Experience</i>

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Jay T. Groves	Chemistry	<i>Surface chemistry on cell membranes</i>
Carla Hudson Kam	Psychology	<i>The domain specificity of learning mechanisms and regularization: Is it really just language?</i>
Alessandra Lanzara	Physics	<i>Unlocking the Mystery of Materials at the Nanoscale by Enhancing the Investigation of Electronic Structure</i>
Song Li	Bioengineering	<i>Engineering of Functional Muscle in vitro Using Mesenchymal Stem Cells and Micropatterned Polymers</i>
Maria Mavroudi	History	<i>Bilingualism in Greek and Arabic: Evidence from the Manuscripts</i>
James O'brien	Electrical Engineering & Computer Science	<i>Combined Audio and Visual Simulation for Synthetic Environments</i>
Isha Ray	Energy and Resources Group	<i>From wells to well-being? Water for women in the developing world</i>

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Bryan Wagner

English

Disturbing the Peace: Black Vagrancy and the Grounds of Racial Differences

UC San Diego

Frank Biess

History

First Project: "Beyond Defeat: Returning POWs and the Making of East and West German Citizens" Second Project: "Imagining Catastrophe: German War Scars in the 20th Century"

Michael Burkart

Chemistry-Biochemistry

Antibiotic Design to Target Mycobacterial Virulence Factors

Richard Cohen

Literature

Beyond Enlightenment

Gary Fields

Communication

TERRITORIES OF POWER: Walls and the Remaking of Borderlands in Israel/Palestine and California/Mexico

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David Holway	Ecology, Behavior & Evolution	<i>Causes of Argentine Ant Invasions: A Native and introduced Range Comparison</i>
Tracy Johnson	Molecular Biology	<i>Pre-messenger RNA splicing and the coordinated network of gene expression machineries</i>
Andrew Lakoff	Sociology	<i>Bio-Security Scenarios: Planning for an Uncertain Threat</i>
Weijing Lu	History	<i>True to their Word: The Faithful Maiden Cult in late Imperial China</i>
Shayan Mookherjea	Elect & Computer Eng	<i>Nanostructure Engineering of Guided-wave Interactions for Linear and Nonlinear Photonics Devices</i>
Katerina Semendeferi	Anthropology	<i>Neural Correlates of Social Cognition in Humans and Apes</i>
Michael Todd	Structural Engineering	<i>Using "Noise" to Assess Structural Health</i>

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UCSF

Andrew Auerbach

Hospitalist

Biomarkers for Surgical Risk Prediction

Mary Beattie

General Internal Medicine

Endogenous Sex Hormones, Breast Cancer Risk, and Response to Tamoxifen

Elissa Epel

Psychiatry

Chronic Stress and Cellular Aging in Maternal Caregivers

Jennifer Gorman

Medicine

Impact of Etanercept in treatment of ankylosing spondylitis

Biljana Novakovic Horn

Pediatrics BMT

Feasibility Study of Preemptive Withdrawal of Immunosuppression Based on Chimerism Testing in Children Undergoing Myeloablative Allogeneic Transplantation for Hematologic Malignancies

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Jill Howie Esquivel	Physiological Nursing	<i>Predictors for Re-hospitalization and Mortality in Heart Failure Patients</i>
Margot Kushel	General Internal Medicine	<i>Improving Health Care Outcomes in Homeless Populations</i>
Barbara Panning	Biochemistry & Biophysics	<i>Xist RNA and X Chromosome Inactivation</i>
Darya Soto	Pulmonary	<i>The Tumor Microenvironment in Mice with Adenocarcinoma</i>
Phyllis Tien	Medicine-VAMC	<i>Steatosis Quantification in HIV/HCV Co-infected Women Using Histologic Grading and Magnetic Resonance Spectroscopy of Liver Tissue from a Liver Biopsy</i>