

**2006 University of California Hellman Fellows**

**UC Berkeley**

<b>Richard Allen</b>	Earth & Planetary Science	<i>New insights into subduction and megathrust earthquakes in the Pacific Northwest</i>
<b>George Bentley</b>	Integrative Biology	<i>Gonadotropin-Inhibitory Hormone: A Newly-Identified Component of the Vertebrate Reproductive System</i>
<b>Justin Brashares</b>	Environmental Science, Policy and Management	<i>Bushmeat Hunting and Wildlife Dynamics in West Africa</i>
<b>Ernesto Dal Bo</b>	Business	<i>Political elites and the dynastic transmission of power</i>
<b>Darlene D Francis</b>	Psychology & Public Health	<i>Life-Stressors and Telomeric Aging: A Rat Model to Investigate Individual Differences in Vulnerability</i>
<b>Phillip Lewis Geissler</b>	Chemistry	<i>Designing DNA sequences that organize nanocrystal arrays</i>

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<b>Todd M Hickey</b>	Classics	<i>Reading the Papyri of a Priestly Family: Social Relations and Cultural Negotiation in Egypt under Roman Rule</i>
<b>Leslea Hlusko</b>	Integrative Biology	<i>Searching for our ancestors: Surveying for new fossil sites in Tanzania</i>
<b>Anne M Joseph</b>	Law	<i>Called to Account by Separated Powers: Regulatory Activity, Oversight, and Turnover of Federal Agency Leaders</i>
<b>Dan Klein</b>	Electrical Engineering & Computer Science	<i>Linguistically Rich Statistical Machine Translation</i>
<b>Jan T Liphardt</b>	Physics	<i>Development and Characterization of Light-controlled and –powered "Biobots", inherently Safe Programmable Cellular Automata</i>
<b>Rodolfo Mendoza-Denton</b>	Psychology	<i>Effects of Prejudice on Cardiovascular Health</i>
<b>Lynne Nichols</b>	Linguistics	<i>Defective Nouns and the Complexity of Noun Meanings</i>

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**Ashvin Vishwanath**    Physics

*Non-Equilibrium Phenomena and New Transitions in Interacting Quantum Systems*

**Jonathan D Wallis**    Psychology & Neuroscience

*Role of Prefrontal Cortex and Dopamine in Control of Choice Behavior*

### UC San Diego

**Amy Alexander**    Visual Arts

*SVEN: Surveillance Video Entertainment Network (aka “AI to the People”)*

**Peter Andolfatto**    Ecology, Behavior & Evolution

*Quantifying Adaptive evolution in Non-coding DNA sequences and its Effect on Gene Expression Divergence Between Species*

**Akosua Boatema  
Boateng**    Communication

*Religion, Culture and Politics in Ghana*

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<b>Aurore Delaigle</b>	Mathematics	<i>Curve Estimation in Measurement Error Problems</i>
<b>Ananda Goldrath</b>	Molecular Biology	<i>Maintaining the Immune System: Understanding T Cell Survival Signals</i>
<b>Zoltan Hajnal</b>	Political Science	<i>Black over White: Racial Learning Under Black Incumbents</i>
<b>Sara Johnson</b>	Literature	<i>Revolutionary Creoles in the Early Atlantic World</i>
<b>Brian Keating</b>	Physics	<i>An Optical System for Characterizing a Rocketborne Telescope and UCSD Astrophysics Education</i>
<b>April Linton</b>	Sociology	<i>Not Just About Language? Outcomes of Spanish-English Immersion in US Public Schools</i>
<b>Thomas Murphy, Jr.</b>	Physics	<i>APOLLO: The Apache Point Observatory Lunar Laser-ranging Operation</i>

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<b>Rebecca Plant</b>	History	<i>The Repeal of Mother Love: Momism and the Reconstruction of Motherhood in Philip Wylie's America</i>
<b>Nancy Postero</b>	Anthropology	<i>Social Change in Post-Neoliberal Bolivia</i>
<b>Curt Schurgers</b>	Elect & Computer Eng	<i>Acoustic Underwater Networking</i>
<b>Megan Wesling</b>	Literature	<i>EDUCATED SUBJECTS: The Pedagogy of Empire in .U.S. Literature</i>
<b>Jerry Yang</b>	Chemistry-Biochemistry	<i>Nanoparticle-based Cancer Drug Delivery Systems</i>

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**UCSF**

<b>Benjamin Cheyette</b>	Psychiatry	<i>Initial Studies of Dpr1 (Dact1) in Mouse Brain Development</i>
<b>Deborah Cohan</b>	Obstetrics, Gynecology & Reproductive Sciences	<i>Self-Efficacy, Social Capital and Sex Worker Health</i>
<b>Jacob Elkins</b>	Neurology	<i>Measure of societal valuation of cognitive function</i>
<b>Katherine Julian</b>	General Internal Medicine	<i>Creating a Medical Education Area of Concentration in the UCSF Department of Medicine Residency Program</i>
<b>Ralph Marcucio</b>	Orthopedic Surgery	<i>Can Juvenile Bone Marrow Rejuvenate Fracture Healing in Elderly Animals?</i>
<b>Diana Milojevic</b>	Pediatrics Immunology / Rheumatology	<i>Novel Diagnostic and Prognostic Indicators in Systemic Onset Juvenile Idiopathic Arthritis (SOJIA)</i>

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**Claus Niemann**

Anesthesia

*The Role of Leptin on Inflammatory Response During Hepatic Ischemia Reperfusion Injury in Obese Rats*

**Clive Pullinger**

Cardiovascular Research Institute &  
Physiological Nursing, respectively

*New Causes of Hypertriglyceridemia; the Role of APOA5, the Gene for Apolipoprotein A-V*

**John Stein**

Medicine

*Comparative Effectiveness of Emergency Physician Ultrasound in Ectopic Pregnancy*

**Naomi Wortis**

Family & Community Medicine

*Building UCSF Infrastructure for Community-Engaged Scholarship*