

UNIVERSITY  
OF  
CALIFORNIA

**2002 University of California Hellman Fellows**

**UC Berkeley**

<b>Steven Boggs</b>	Physics	<i>Test Flight of the Nuclear Compton Telescope</i>
<b>Kurt Cuffey</b>	Geography	<i>Improved Precipitation Isotope Analyses for Climate Change Studies</i>
<b>Mia Fuller</b>	Italian Studies	<i>Mussolini's Citizens: Living in Italy's Fascist-Era 'New Towns', From 1928 to the Present</i>
<b>Jennifer Johnson-Hanks</b>	Demography	<i>Reproductive Intentions and Fertility Rates in Developing Countries</i>
<b>Edward Miguel</b>	Economics	<i>Pre-School Health and Education in Urban India</i>
<b>Ramona Naddaff</b>	Rhetoric	<i>Censorship and the Novel: Case Studies in the Politics of Reading</i>

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**Noam Sobel**                      Neuroscience                      *Odortopy: Are Odors Spatially Mapped in the Brain?*

**Dan Stamper-Kurn**                      Physics                      *In-situ Imaging of Spinor Bose-Einstein Condensates*

**Dirk Trauner**                      Chemistry                      *Molecular Recognition of Potassium Channels*

**Karsten Weis**                      Molecular and Cell  
Biology, Cell &  
Developmental  
Biology                      *Regulation and Dynamics of the Ran GTPase Cycle*

**UC San Diego**

**Thomas Bewley**                      Mechanical &  
Aerospace  
Engineering                      *A New Framework for the Control of Viscous Flow Systems*

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<b>James L. Broz</b>	Political Science	<i>Monetary and Exchange-Rate Politics in Open Economics</i>
<b>Seth Cohen</b>	Chemistry- Biochemistry	<i>Elucidating the Origin of Metal Specificity in Mn(II) Metalloregulatory Proteins</i>
<b>Seana Coulson</b>	Cognitive Science	<i>Language Comprehension and the Space Structuring Model: Electrophysiological Investigations</i>
<b>John Evans</b>	Sociology	<i>Social Dehumanization Through Biotechnology? An Empirical Examination</i>
<b>Paul Goldstein</b>	Anthropology	<i>Migration, Culture Change and Climate Catastrophe on the Pacific Rim</i>
<b>Nancy A. Guy</b>	Music	<i>Flowing Memories: Taiwan's Tamsui River in the Performative Imagination</i>
<b>Francesco Lanza di Scalea</b>	Structural Engineering	<i>Attacking the Aging Aircraft Problem</i>

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<b>Karsten Meyer</b>	Chemistry- Biochemistry	<i>Mechanistic Model Compound of the Active Site of Hydroxylamine Oxidoreductase from Nitrosomonas Eu</i>
<b>Samuel Rickless</b>	Philosophy	<i>The Function of the "Parmenide"s in the Development of Plato's Metaphysics</i>
<b>Geoffrey M. Voelker</b>	Computer Science and Engineering	<i>Replication Strategies for Highly Available Peer-to-Peer Storage</i>

**UCSF**

<b>Edwin Charlebois</b>	Epidemiology & Biostatistics	<i>Drug Resistant Community Acquired Infections</i>
<b>Lisa Coussens</b>	Pathology and CRI	<i>Regulation of Epithelial Carcinogenesis by Gelatinase B/MMP9</i>

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<b>Marc Diamond</b>	Neurology	<i>Therapeutics for neurodegenerative diseases that derive from abnormal protein conformation.</i>
<b>Volker Doetsch</b>	Pharmaceutical Chemistry	<i>Differentiating Protein Structures</i>
<b>Alicia Fernandez</b>	General Internal Medicine	<i>Reducing Inappropriate High-Utilization of Inpatient Medical Services</i>
<b>Bonnie Halpern-Felsher</b>	Pediatrics Adolescent Medicine	<i>Physician-Patient Communication about the Options, Risks, and Benefits of Breast Cancer Treatment</i>
<b>Dusko Ilic</b>	Cell & Tissue Biology	<i>Understansing signals from the extracellular matrix</i>
<b>Michael Korn</b>	Medicine	<i>The Cosxackie- and Adenovirus Receptor CAR in Pancreatic Cancer: Expression and Regulation</i>
<b>Shannon Thyne</b>	Pediatrics	<i>Comprehensive Asthma Care for Underserved Children</i>

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<b>Dean Schillinger</b>	Hematology/ Oncology	<i>Developing a Research Program in Health Literacy</i>
<b>Mary Whooley</b>	General Internal Medicine	<i>Depression and Coronary Heart Disease</i>