

UNIVERSITY  
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**1999 University of California Hellman Fellows**

**UC Berkeley**

<b>Nan Arens</b>	Integrative Biology	<i>Can Species Richness and Community Stability Predict Propensity for Extinction? Plant Communities Across the Cretaceous-Tertiary Boundary</i>
<b>Roland Burgmann</b>	Geology & Geophysics	<i>Mechanics of Himalayan Collision and Associated Tibetan Extension</i>
<b>Cathryn Carson</b>	History	<i>History of Science in Nuclear Waste Management</i>
<b>Anne Cheng</b>	English	<i>The Melancholy of Race</i>
<b>Ronald Cohen</b>	Chemistry and Geology & Geophysics	<i>Nitrogen Oxides: Measuring Trends in a Primary Indicator of Atmosphere</i>

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<b>Douglas Dreger</b>	Geology & Geophysics	<i>Three Dimensional Analysis of the Earthquake Rupture Process</i>
<b>Kevis Goodman</b>	English	<i>Passionate Work: Georgics of the Feelings, 1746-1815</i>
<b>Eva Harris</b>	Public Health	<i>The Role of Interferon in the Infection of Human Cells by Dengue-2 virus</i>
<b>William Holzapfel</b>	Physics	<i>Prototype 90 GHz Receiver for the CBI Telescope</i>
<b>Eileen Lacey</b>	Integrative Biology	<i>Evolution of Behavioral and Genetic Diversity in Subterranean Rodents</i>
<b>James Landay</b>	EECS	<i>Computer-aided Drawing for the Visually Impaired</i>
<b>Jeffrey Long</b>	Chemistry	<i>Toward Molecular Data Storage: Design and Synthesis of Metal-Cyanide Cluster Magnets</i>

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Colleen Lye	English	<i>Naturalizing the Pacific Rim: American Literature 1882-1945</i>
Mary Ann Smart	Music	<i>Mimomania: The Gestural Language of Nineteenth-Century Opera</i>
UC San Diego		
Andrea Chiba	Cognitive Science	<i>The Role of the Amygdala in Mediating Preference Formation</i>
Gourisankar Ghosh	Chemistry- Biochemistry	<i>The Chemistry of NFkB Signaling Pathway</i>
Partho Ghosh	Chemistry- Biochemistry	<i>Purification and Crystalization of Y .pseudotuberculosisYopE</i>
Marta Hanson	History	<i>From Local Ecology to Racial Biology, Disease and Human Variation</i>

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<b>Michael Holst</b>	Mathematics	<i>Adaptive Finite Element Methods with Application in Biology and Relativity Physics</i>
<b>Elizabeth Newsome</b>	Visual Arts	<i>The Classic Maya Stela Cult: A Study in the Ideology of Power</i>
<b>Becky M. Nicolaides</b>	History	<i>My Blue Heaven: Life and Politics in the Working Class Suburbs of Los Angeles, 1920-1965</i>
<b>Keiko Nomura</b>	Mechanical & Aerospace Eng	<i>Structure and Dynamics of Small-scale Turbulence in Stratified Shear Flows</i>
<b>Emmanuel Theodorakis</b>	Chemistry- Biochemistry	<i>Chemistry and Biology of Marine Natural Products</i>
<b>Peter Van Der Geer</b>	Chemistry- Biochemistry	<i>Identification and Cloning of a SHC-Binding Protein from SRC-Transformed Cells</i>