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1995 - 1998 University of California Hellman Fellows

UC Berkeley 1998 - 1999

John Battles	Environmental Science, Policy and Management	<i>Does the Early Detection of Neighboring Plants Improve the Survival and Growth of Forest Trees?</i>
Aditya Behl	South & Southeast Asian Studies	<i>Rasa and Romance: The Avahdhi Sufi Premakhyans</i>
Stephen Best	English	<i>Fugitive Properties: Slavery, Technology, and the Lure of the Material in American Culture</i>
Ignacio Chapela	Environmental Science, Policy and Management	<i>Species-Specific Carbon Processing by Fungi in Coniferous Forests</i>
John Colford	Public Health	<i>Application of Density Equalized Map Projections to Evaluate Spatial Clustering of Cryptosporidiosis in San Francisco</i>
Yang Dan	Molecular and Cell Biology: Neurobiology	<i>Reading the Neural Code in the Mammalian Visual System</i>

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Suzanne Fleiszig	Optometry	<i>Development of Novel Therapies for Pseudomonas Aeruginosa Infection</i>
Junko Habu	Anthropology	<i>Development of Sedentism Among Prehistoric Hunter-Gatherers in Japan</i>
Xin Liu	Anthropology	<i>Moral Mathematics: Luck, Fortune, and Authority in Late Socialist China</i>
Fenyong Liu	Public Health	<i>Development of Ribozymes as Novel Gene-Targeting Agents</i>
Laurie Wilkie	Anthropology	<i>1998 Archaeological Excavations at Clifton Plantation, Bahamas</i>
Peter Zinoman	History	<i>Vu Trong Phung and Literary Modernism in Vietnam</i>

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UC San Diego 1998 - 1999

Raffi Aroian	Cell & Development Biology	<i>CABP11: An Actin Binding Protein Essential for Embryonic Polarity and Development</i>
Chaya Czernowin	Music	
Nathaniel Finney	Chemistry-Biochemistry	
Euysung Kim	Global Policy And Strategy	
Bill Lin	Elect & Century Eng	<i>Reconfigurable Computing: A New Computing Paradigm for the 21st Century</i>
Shelley Streeby	War Studies	<i>The (Re)Production of the Native: Empire, Amnesia, and the US-Mexican War</i>

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Lars Bildsten	Physics & Astronomy	<i>Temporal Variability in Stellar Astrophysics</i>
John Flannery	Optometry	<i>Gene Therapy Approaches to Treatment of Inherited Retinal Degenerations</i>
Allen Goldstein	Environmental Science, Policy and Management	<i>Physics</i>
Darcy Grigsby	History of Art	<i>Painting Empire in Post-Revolutionary France</i>
Priya Joshi	English	<i>Gifts of Empire: British Popular Fiction & the Development of the Novel in India</i>
Susan Marqusee	Molecular and Cell Biology	<i>Biological Sciences Dissection of the Protein Folding Problem</i>

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James Mccusker	Chemistry	<i>Electron Exchange Coupling in Cluster-Bridged Donor-Acceptor Complexes: Implications for Biological Electron Transfer</i>
John Mcwhorter	Linguistics & African American Studies	<i>Martinique Creole Research Project</i>
Anne Nesbet	Slavic Languages and Literatures & Film Studies Program	<i>The Dialectical Image</i>
Lisa Pruitt	Mechanical Engineering	<i>Surface Modification of UHMWPE for wear resistance of Total Knee Replacements</i>
Zi Qiang Qiu	Physics	<i>Synthesis and Characterization of Magnetic Nanostructures</i>
Rachel Schurman	Energy and Resources Group	<i>Resource-Based Growth in a Global Economy: An Analysis of a Latin American "Success Story"</i>

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Dimitri Basov Physics

Spectroscopy of Unconventional Superconductors in Very Far Infrared

Steven Epstein Sociology

**Thomas Allen
Harris** Visual Arts

Kathleen Hubbard Linguistics

Kimberly Jameson Psychology

Timothy Karpishin Chemistry-Biochemistry

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Lev Manovich	Cal (It)2	<i>Digital Realism: Simulating Life in Computer Media</i>
Keiko Nomura	Mechanical & Aerospace Eng	<i>Characterization of Small-scale Turbulence Using Direct Numerical Simulation</i>
Kaustuv Roy	Ecology, Behavior & Evolution	<i>Digital Realism: Simulating Life in Computer Media</i>
Emmanual Theodorakis	Chemistry-Biochemistry	<i>Chemistry and Biology in Natural Products</i>
Allan Timmermann	Management School	<i>Structural Breaks and Incomplete Learning in the Stock Market</i>

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Nada Eissa Economics *The Econometrics of Differences-in-Differences Regression Models*

Mariane Ferme Anthropology *State Failures and "Moral" Reforms in Sierra Leone: A Historical and Cultural Study*

Tracy Handel Molecular and Cell Biology *De Novo Design of Membrane Proteins*

Martin Jones Philosophy *Metaphysics and Quantum Theory*

Roya Maboudian Chemical Engineering *Understanding and Manipulating Surface Forces in Silicon Micro-Mechanical Devices*

Paolo Mancosu Philosophy *From Brouwer to Hilbert: Philosophy of Mathematics in the 1920's*

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Carol Redmount	Near Eastern Studies	<i>Of Silts and Marls: Analysis of Modern Egyptian Pottery and Implications for Ancient Egyptian Ceramics</i>
Alan Sachs	Molecular and Cell Biology	<i>Functional Interactions Between Messenger RNA 5' and 3' Ends</i>
David Sedlak	Civil and Environmental Engineering	<i>The Use of Photochemical Reactions in the Treatment of Metal-Cyanide Containing Hazardous Waste</i>
Yeon-Kyun Shin	Chemistry	<i>Mechanism of Cell-Viral Membrane Fusion Induced by HIV gp120-gp41</i>
Katherine Snyder	English	<i>Bachelors, Narrative, and the Novel</i>
Mark Van Der Laan	Biostatistics	<i>Optimal Methods for Estimation of Survival Distributions with Censored Data and Many Covariates</i>
David Weiss	Physics	<i>Experiments with Cold Trapped Atoms</i>

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Sheldon Brown Visual Arts

Mi Casa es Sue Casa/My House is Your House

Lisa Catanzarite Sociology

Patricia Jennings Chemistry-Biochemistry

Structural Characterization of a Novel Protein Folding Intermediate

Shirley McGuire Psychology

Scott Renn Physics

Ulrike Schaede Global Policy And Strategy

Government-Business Relationships and the Institutions of Regulations in Japan

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Yitzhak Tor	Chemistry-Biochemistry	<i>How do Aminoglycoside Antibiotics Interact with RNA?</i>
Kenneth Yun	Elect & Computer Eng	<i>Design Methodologies for Ultra-High Speed Heterogeneous Systems</i>
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Katherine Bergeron	Music	<i>Decadent Enchantments: Gregorian Chant and Modern Aestheticism</i>
Kathleen Chakraborty	Architecture	<i>Dynamic Functionalism: The Architecture of Erich Mendelsohn, 1918 - 1933</i>
Carla D'antonio	Integrative Biology	<i>Species interactions and community change in a montane meadow ecosystem</i>

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Martin Head-Gordon	Chemistry	<i>Local Theories of Quantum Chemistry</i>
Sharon Inkelas	Linguistics	<i>The Lexical Phonology of Turkish</i>
Ehud Isacoff	Molecular and Cell Biology: Neurobiology	<i>Regulation of synapse development and plasticity by K⁺ channels</i>
Lucia Jacobs	Psychology	<i>Seasonal changes in spatial behavior, spatial learning and the hippocampus</i>
James Kirchner	Geology & Geophysics	<i>Measuring changes in erosion rates due to land use</i>
Susan Muller	Chemical Engineering	<i>Novel Experimental Studies of Extensional Flows of Polymeric Liquids</i>
Eric Naiman	Comparative Literature/Slavic Languages and Literature	<i>Monumental Intimacy: Privacy and the Shaping of Soviet Life</i>

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Pedro Noguera Education

Confronting the Urban in Urban Education: Overcoming the Obstacles to Urban School Reform Through Community Partnership.

Oliver O'reilly Mechanical Engineering

A Feasible Investigation of Satellite Dynamics.

**Panayiotis
Papadopoulos** Mechanical Engineering

A Study of Constitutive Models in Finite Plasticity.

Christina Shannon Economics

Market Distortions in Equilibrium Analysis.

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Maria Charles Sociology

Charles Elkan Cmptr Sci & Engrng

Research on Unsupervised Learning Using Expectation-Maximization

Elizabeth Gerber Political Science

Adele Goldberg Linguistics

William Griswold Cmptr Sci & Engrng

Improved Engineering of Whole-Program Analysis Tools

Hasan Kayali History

Arabs & Young Turks: Ottomanism, Islamism, and Nationalism in the 2nd Constitutional Period of the Ottoman Empire, 1908-1918

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Joshua Kohn Ecology, Behavior & Evolution

The Genetics of Self-Incompatibility

Wayne Martin Philosophy

Amitabha Sinha Chemistry-Biochemistry

The Dynamics of Vibrationally Excited Radicals

Nicole Tonkovich Literature

*Collecting Ourselves: 19th Century Women as Entrepreneurs,
Patrons and Makers of Knowledge, 1828-1893*