



UC Multi-Campus Research Programs & Initiatives (MRPI)

*2009 Peer Review Outcomes**

Steven Beckwith, Vice President, Research & Grad Studies, UCOP

**Outcomes presented here include full funding recommendations from the peer review panels. Due to budgetary uncertainty, some proposals have since been designated pending/waitlisted. Many of those already designated for funding have had their budgets reduced.*



UCMRPI Program Overview

MRPIs are collaborative research activities involving three or more campuses that provide stimulus and cohesion for thematic topics important to UC and to California and that serve as a resource for the UC system.

MRPIs should have systemwide impact, realize systemwide benefits and enhance UC competitiveness overall.



UCMRPI Program Overview (2)

MRPI funds currently support existing MRUs that have been in existence for 3-60+ years, but have never previously been competitively reviewed.

Existing MRUs were competed with new MRPI proposals in order to identify those programs or ideas (and allocate research dollars) to best meet overall program goals.

Applicants could request 1-5 years of support.



Scope of Review

Estimated Annual Funds Available: \$ 12.4 M

Over 5 years: \$ 55 M-70 M

139 Proposals Submitted totaling **\$346M** in requests

Proposals reviewed in 1 of 6 expert panels:

- o Arts & Humanities
- o Social & Behavioral
- o International & Area Studies
- o Emerging Sciences & Technology
- o Biological & Health Sciences
- o Critical California Issues (esp Energy & Environment)



Review Process

Proposals received preliminary score by 2 assigned reviewers within their disciplinary panel (each reviewer assigned approx 10 proposals)

Disciplinary Panels scored proposals and created rank-ordered list through an iterative process.

Each panel was guaranteed minimum allocation of \$5M or 10% of total funds requested in that panel (whichever is greater) totaling \$40M of the \$55M-70M available

Portfolio Review Panel composed of Panel Chairs and 2 other experts made recommendations as to funds distribution across entire Program



Review Outcomes*

** Outcomes presented here include full funding recommendations from the peer review panels. Due to budgetary uncertainty, some proposals have since been designated pending/waitlisted. Many of those already designated for funding have had their budgets reduced.*



Existing MRU Recommended Funding Success Rate

	by Number of Apps	by Funding Requested
All Applications Submitted	139	\$346,418,254
All Apps. Funded or Waitlisted	37	\$76,109,907
% Funded (all Apps)	27%	22%
MRUs Submitting Applications	35*	\$82,867,846
MRUs Funded or Waitlisted	20	\$38,882,696
% MRUs Funded/WL of MRU applications	57%	47%
% of MRUs funded/WL out of All funded	54%	51%
% of new MRPIs out of Total funded/WL	46%	49%

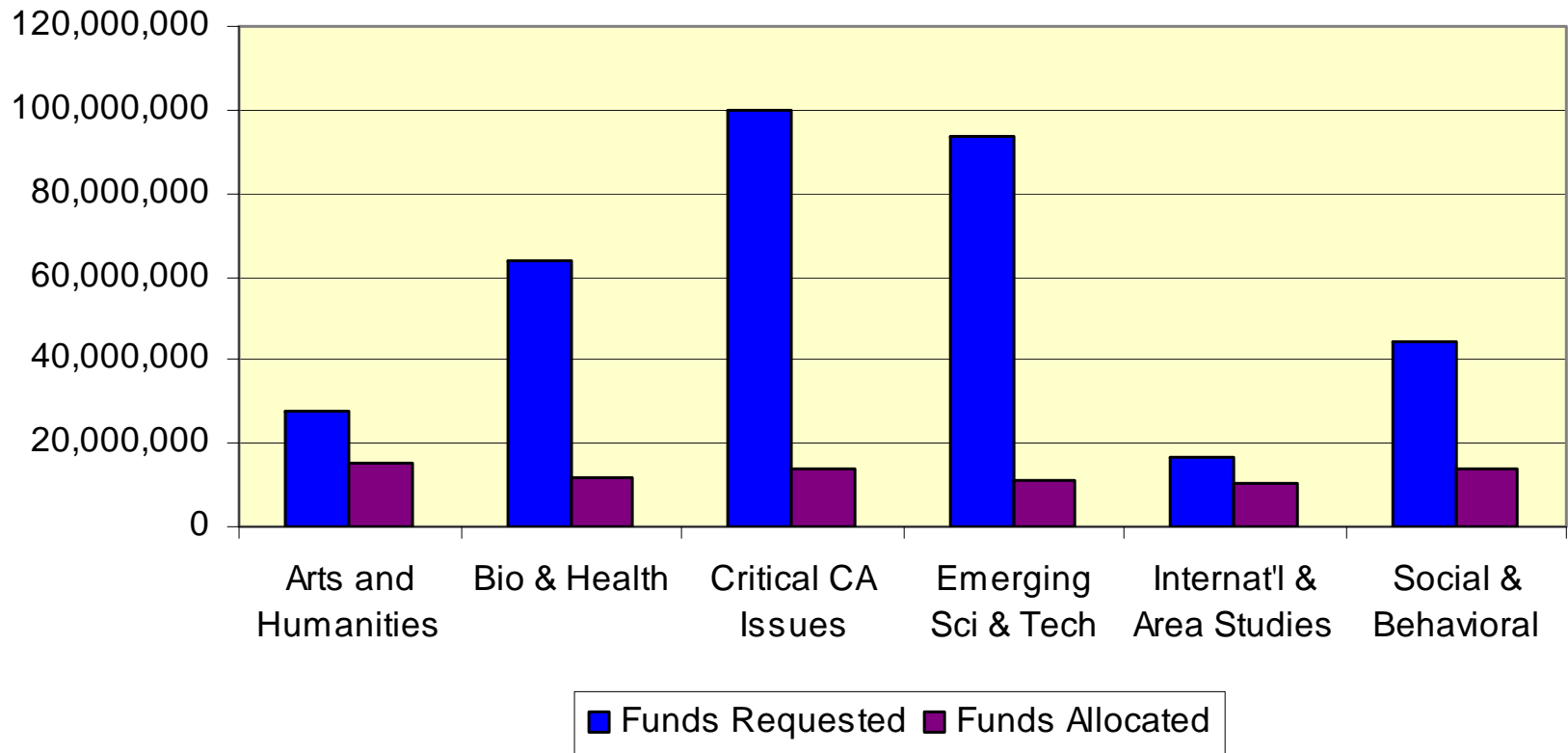
*1 MRU (IGPP) submitted 5 Apps; 1 MRU (Energy Inst.) submitted 2 Apps. These are counted once.



Applications & Recommended Awards by Assigned Review Panel

(in dollars requested)

**Total Requests and Allocation of Proposed Awards
(by Review Committee)**

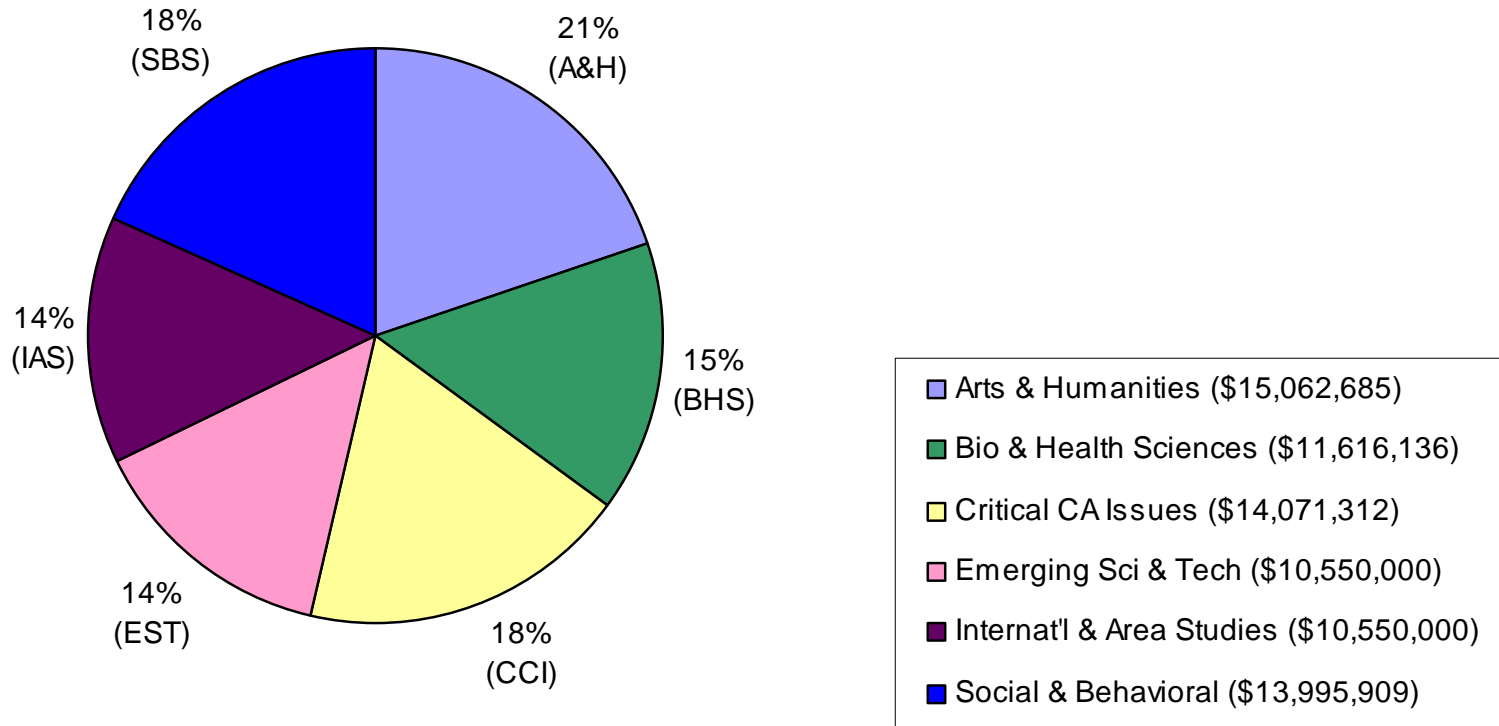




Allocation of Recommended Award Funds by Assigned Review Committee

(by percent of total)

Allocation of Total Available Funding to each Committee

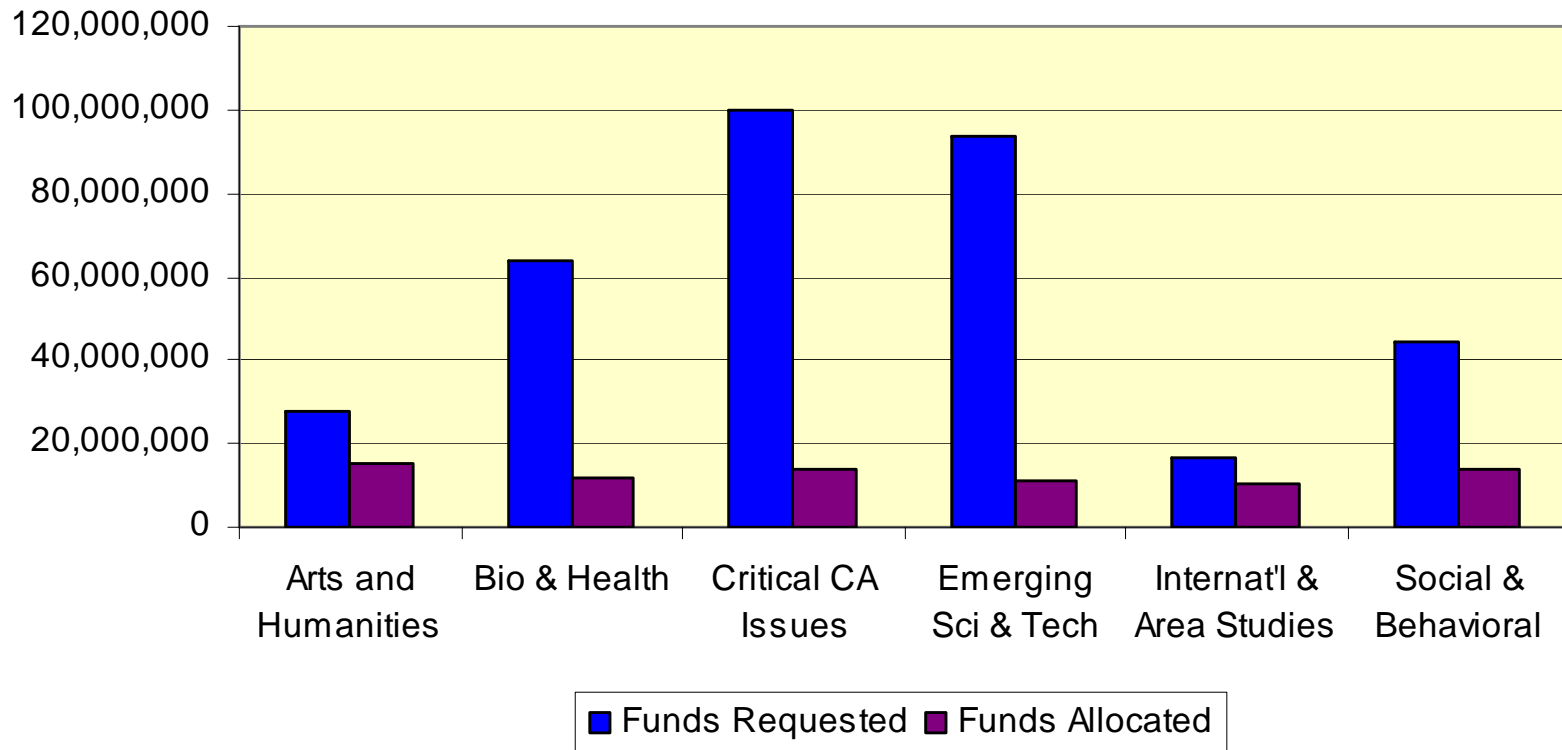




Allocation of Recommended Award Funds Relative to Requests per Assigned Committee

(by dollars)

Total Requests and Allocation of Proposed Awards
(by Review Committee)





Arts & Humanities Review Panel

Chair

Pauline Yu, Ph.D.

**President, American Council of Learned Societies
New York, New York**

Members

**Sheldon Brown, MFA
Professor of Visual Arts
UC San Diego**

**Ralph J. Hexter, Ph.D.
President Hampshire College**

**Richard Leppert, Ph.D.
Professor of Cultural Studies and
Comparative Literature
University of Minnesota**

**Julia Simon, Ph.D.
Professor of French Eighteenth-
Century Literature and Culture
UC Davis**



Biological & Health Sciences

Review Panel

Chair

James Sabry, M.D., Ph.D.

**President and CEO Arete Therapeutics, Inc.
and Chairman of the Board, Cytokinetics, Inc.
Arete Therapeutics, Inc.**

Members

Thomas A. Baillie, Ph.D., D.Sc.
Dean, School of Pharmacy
University of Washington, Seattle

Peter Jackson, Ph.D.
Director, Staff Scientist
Genentech, Inc.

Jerome Schultz, Ph.D.
Professor and Chair of
Bioengineering
UC Riverside

Tim Stearns, Ph.D.
Professor of Biology and of
Genetics
Stanford University

Eugeni Vaisberg, Ph.D.
Consultant
Institute for Neurodegenerative
Diseases
UCSF



Critical California Issues Review Panel

Chair

John Gage, M.B.A.
Partner, Greentech
Kleiner Perkins Caufield & Byers

Members

Meg Caldwell, J.D.
Senior Lecturer in Law
Stanford University

Jane Long, Ph.D.
Associate Director
Energy and Environment
Lawrence Livermore National Laboratory

Barry Gold, D.Sc.
Initiative Lead
Marine Conservation Initiative
Gordon & Betty Moore Foundation

Norm Miller, Ph.D.
Hydro Meteorologist, Group Leader
Earth Sciences Division
Lawrence Berkeley National Lab



Emerging Sciences & Technology Reviewer Panel

Chair

Arati Prabhakar, Ph.D.

General Partner

U.S. Venture Partners

Menlo Park, CA

Members

David Auston, Ph.D.

Retired – former president of The Kavli
Foundation

Oxnard, CA

Phillip Bucksbaum, Ph.D.

Director , Ultrafast Science Center, SLAC
Stanford University

Alan R. Bishop, Ph.D.

Associate Director
Theory, Simulation and Computation Directorate
Los Alamos National Laboratory

Gary Fedder, Ph.D.

Prof of ECE & Robotics; Director of ICES
ECE: Electrical & Computer Engineering;
Robotics Institute, ICES
Carnegie Mellon University

Elias Towe, Ph.D.

Albert and Ethel Grobstein Memorial Professor
Electrical and Computer Engineering, and Materials Science
and Engineering
Carnegie Mellon University

Tonya Kuhl, Ph.D.

Professor of Chemical Engineer and Materials Science, and
Biomedical Engineering
UC Davis

Michael S. Turner, Ph.D.

Rauner Distinguished Service Professor
Departments of Astronomy and Astrophysics, and
Physics, and the College; Enrico Fermi Institute;
Kavli Institute for Cosmological Physics
The University of Chicago

Shrinivas R. Kulkarni, Ph.D.

John D. and Catherine T. MacArthur Professor of Astronomy
and Planetary Science; Director, Caltech Optical
Observatories
Cal Tech



International & Area Studies Review

Panel

Chair

Stephen Haber, Ph.D.
Professor of History
Department of Political Science
and Hoover Institution
Stanford University

Members

Phillip Hoffman, Ph.D.
Rea A. and Lela G. Professor of
Business Economics and History Humanities
and Social Sciences
Cal Tech

Kerry Odell, Ph.D.
Professor of Economics
and Mary W. Johnson Professor in
Teaching
Scripps College

Miles Kahler, Ph.D.
Professor
International Relations and Pacific Studies
University of California, San Diego



Social & Behavioral Review Panel

Chair

Ronald Rindfuss, Ph.D.

**Robert Paul Ziff Distinguished Professor and Carolina
Population Center Faculty Fellow, Sociology
University of North Carolina
and East-West Center University of Hawaii, Honolulu, HI**

Members

**Robin Maria DeLugan, Ph.D.
Assistant Professor, Anthropology
UC Merced**

**Anuradha Luther Maitra, Ph.D.
CEO
Floreat, Inc.**

**Howard Pinderhughes, Ph.D.
Associate Professor & Chairperson
Social & Behavioral Sciences
UC San Francisco**

**Sean Randolph, J.D., PhD.,
President
Economic Institute
Bay Area Council
San Francisco, CA**



Portfolio Review Panel

Chair

Randolph Hall, Ph.D.

Vice Provost for Research

**Daniel J. Epstein Department of Industrial and Systems Engineering
University of Southern California
Los Angeles, CA**

Members

John Gage, M.B.A.
Partner, Greentech
Kleiner Perkins Caufield & Byers
Menlo Park, CA

Stephen Haber, Ph.D.
Professor of History
Department of Political Science and
Hoover Institution
Stanford University

Arati Prabhakar, Ph.D.
General Partner
U.S. Venture Partners
Menlo Park, CA

Ronald Rindfuss, Ph.D.
Robert Paul Ziff Distinguished Professor and
Carolina Population Center Faculty Fellow,
Sociology, University of North Carolina
and East-West Center, University of Hawaii,
Honolulu, HI

James Sabry, M.D., Ph.D.
President and CEO Arete Therapeutics, Inc.
and Chairman of the Board,
Cytokinetics, Inc. Arete Theapeutics, Inc.
Hayward, CA

Michael Witherell, Ph.D.
Vice Chancellor for Research
UC Santa Barbara

Pauline Yu, Ph.D.
President
American Council of Learned Societies
New York, New York