

**Committee on Research**  
**Roland Henry, PhD, Chair**

## ANNUAL REPORT 2010-2011

**Individual Investigator Grants Awarded: 10**  
**Shared Instrument Grants Awarded: 5**  
**Total Grant Money Awarded: \$474,464.00**

**Issues reviewed and acted on by the Committee included:**

- Joint participation with the Resource Allocation Program through two cycles of grant review and allocation
- Selection of the 2011-2012 Faculty Research Lecturers in Basic, Clinical, and Translational Science
- Affiliation with the Research Allocation Program (RAP), including active participation on the RAP Executive Steering Committee
- Communication to the UCSF Office of Technology Management on *Proposed Campus License Income Distribution Plan for Unpatented Software* ([Appendix 1](#))
- Communication to UCSF Academic Senate Chair and Vice Chair on:
  - Committee Bylaw changes
  - Faculty concerns related to the *Operational Excellence Proposed Changes to the Pre-Award Grant Administration Process*

**Task Forces, Special Committees, and Sub-Committees:**

- RAP Executive Steering Committee – Roland Henry
- RAP Review Committees – Roland Henry, Judith Moskowitz, Mary Blegen, Dejana Braithwaite, DorAnne Cuenco, Diana Foster, Wen-Chi Hsueh, Mallory Johnson, Celia Kaplan, Kirby Lee, Mahesh Mankani, Teri Melese, Vineeta Singh, Karl Sporer, Michael West, and Mary White

**Issues for Next Year (2011-2012)**

- Examination of research policies at UCSF and their impact on faculty
- Monitoring of *Operational Excellence Proposed Changes to the Pre-Award Grant Administration Process*

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**2010-2011 Members**

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Roland Henry, Chair	Kirby Lee
Judith Moskowitz, Vice Chair	Wu Li
Mary Blegen	Mahesh Mankani
Dejana Braithwaite	Ralph Marcucio
DorAnne Cuenco	Teri Melese
Laura Dunn	Janet Myers
Diana Foster	Srikantan Nagarajan
Robert Hendren	Vineeta Singh
Gary Humfleet	Karl Sporer
Wen-Chi Hsueh	Ram Vaderhobli
Mallory Johnson	Michael West
Celia Kaplan	Mary White

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**Number of Meetings: 8**  
**Senate Analyst:** Alison Cleaver

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## Systemwide Business

### **University Committee on Research Policy (UCORP)**

Committee on Research member Ralph Marcucio represented UCSF on this UC Systemwide committee that fosters, formulates, coordinates, revises general research policies and procedures, and advises the University of California President Mark G. Yudof on research matters affecting the University. UCORP examined and opined on the following matters:

- Compendium Revisions:
  - Develop Guidelines for the Establishment, Oversight, and Disbanding of Multi-Campus Research Units: Compendium Revision
  - Review Policy on Self-Supporting Part-Time Graduate Professional Degree Programs
- Funding Streams Proposal Report
- Library Planning Task Force Report
- Post-Employment Benefits Task Report
- Senate Membership Task Force
- UC Commission on the Future Research Strategies Workgroup Recommendations

## Divisional Business

### **Affiliation with the Resource Allocation Program (RAP)**

In 2010-2011, the Committee on Research and the Academic Senate joined the Resource Allocation Program (RAP). COR Chair Roland Henry sat on the RAP Executive Steering Committee during the academic year, to further develop the program into a freestanding entity. In 2011, RAP moved from being housed within the Clinical and Translational Science Institute (CTSI) to being under the auspices of the Office of Sponsored Research and the Executive Vice Chancellor & Provost's Office.

As part of this transition, the Committee on Research instituted a lower funding threshold for both Individual Investigator and Shared Instrument Grants. For the Individual Investigator Grants, the maximum amount to be funded is now \$30,000; for Shared Instrument Grants, the maximum is now \$35,000. These amounts match the threshold of other funding agencies associated with RAP.

Sixteen COR members sat on RAP Review Committees, reviewing two cycles of grants (Fall and Spring). Committee on Research members provided feedback to the RAP Executive Steering Committee for the Fall 2011 Review Cycle, including offering COR members not currently serving on RAP Review Committees as available reviewers to any RAP Review Committees lacking specific scientific expertise. Separately, members also recommended improved methods of review for social and behavioral science grants. ([Appendix 2](#))

- **Individual Investigator Grant**

Through the Resource Allocation Program (RAP), committee members approved funding for eleven Individual Investigator Grants during the academic term. Grants awarded were in the categories of Pilots for Junior Investigators, New Direction, Hardship, and Novel Clinical/Translational Methods. Combined ten (10) grants totaling \$299,464.00 were funded.
- **Shared Instrument Grant**

As part of the merger with the Research Allocation Program (RAP), committee members approved a name change to the Shared Equipment Grant. Moving forward, the grant will be called Shared Instrument Grant to match the grants, by the same name, awarded by REAC (Research Evaluation and Allocation Committee) and CTSI-SOS (Clinical & Translational Science Institute-Strategic Opportunities Support). Through the Research Allocation Program (RAP), COR committee members approved funding for five Shared Instrument/Equipment Grants totaling \$175,000.00.

- **Travel Grants**

The Academic Senate office, under the auspices of the Committee of Research, granted forty-four travel grants during the 2010-2011 academic term. These grants are funded from Opportunity Funds. Of the \$20,000 available for travel grants during the past academic term, the Senate office awarded grants in the amount of \$19,882.95. Of these applications, twenty-five percent were requests for travel to conferences outside of the United States.

### **Committee on Research Bylaw Revisions**

Members revised bylaws to reflect the addition of a new Faculty Research Lecture in Translational Science and to propose some procedural changes, in particular designation of a COR member or leadership to serve on the UCORP Committee. At the close of the 2010-2011 academic year, bylaw revisions await review by the Academic Senate's Committee on Rules & Jurisdiction .

### **Operational Excellence**

Committee members heard ongoing presentations on proposed revisions to the Research Policy at UCSF. In Fall 2011, members heard from Erik Lium, Co-chair, and Jill Goldsmith, Project Manager, of the Operational Excellence Research Work Group on their charge to "improve efficiency and effectiveness of pre-award research administration."

In Spring 2011, members heard from Susanne Hildebrand-Zanki, Associate Vice Chancellor, Mara Fellouris, Executive Director, Program Management Office, and Elisabeth Dittrich, Project Manager, Program Management Office, on the proposed changes to the pre-award grant administration process and the ongoing centralization of the Contracts & Grants Office. Members also discussed the [June 15, 2011 letter](#) sent from Academic Senate leadership to Campus Leadership on the proposed pre-award changes. Information on the current status of Operational Excellence changes are on that group's [website](#). ([Appendix 3](#) | [4](#) | [5](#) | [6](#))

### **Research Information Systems**

Committee members heard presentations from and provided feedback to Michael Kamerick, Director, Academic Research Systems, OAAIS, on the current systems in development or implementation on campus. Those programs are:

1. Integrated Data Repository
2. MyResearch@UCSF portal
3. REDCap (Research Electronic Data Capture)
4. Clinical Data Access Program
5. CELDAC (Comparative Effectiveness Large Dataset Analysis)
6. THREDS (The Health Record Data Service)

### **Research Resource Program**

Executive Director Julie Auger provided an overview of the Research Resource Program (RRP), which focuses on the business development and management of the pre-existing 85 core facilities including administrative functions. This program was established to address:

1. The increasing occurrence of ad hoc core development
2. Overlapping services and competition among under-resourced cores
3. Differential access and recharges
4. Diverse/non-consistent administrative practices across research units
5. Lack of funding for new equipment and technologies needed for cutting-edge basic and clinical research

### Strategic Priorities for RRP

1. Core Operations –Best Practices, Consolidation and Integration
2. Identify and Implement Best Practices in Administration
3. Strategic Planning
4. Creation of RRP Advisory Board

### Research Technology Subcommittee, IT Governance Project

Committee members heard a presentation from Tom Ferrin, Chair of the Research Technology Subcommittee of the IT Governance Project. This new subcommittee first met in December 2010 and is charged with developing and aligning the vision and strategy for research technology with faculty interests. The subcommittee is also focused on identifying emerging faculty needs or potential research applications of new technology that is shared across UCSF. COR members look forward to ongoing updates from this committee, and participating in this project on an ongoing basis.

### Selection of the 2011-2012 Faculty Research Lectures Recipients

Members unanimously voted to hold all three lectures annually, rather than the original plan of honoring two out of the three on a rotational basis. Committee members reviewed numerous candidates and voted to honor three lecturers during the 2011-2012 term. Those to be honored are:

- Faculty Research Lecture - Basic Science (Winter 2012) are Drs. Ying-Hui Fu & Louis Ptacek, Neurology. This research duo was nominated as a single candidate.
- Faculty Research Lecture - Clinical Science (Fall 2011) is Dr. Eric Small, Hematology/Oncology
- Faculty Research Lecture - Translational Science (Spring 2012) is Dr. Allan Basbaum, Anatomy

### 2010 Faculty Research Lecture - Clinical Science

Since 2001, this award has been bestowed on an individual member or members of the UCSF faculty with outstanding achievements in clinical research. Nominations are made by UCSF faculty, who consider the clinical research contributions of their colleagues and submit nominations for this prestigious award to the Academic Senate Committee on Research. Each year, the Committee on Research selects the recipient of this award.

Following extensive discussion and multiple rounds of voting at the end of the 2009-2010 academic term, members voted by secret ballot to select Dr. Stephen Hulley, M.D., Ph.D., as the recipient of the 2010 Faculty Research Lectureship in Clinical Science. Dr. Hulley is a leader in clinical epidemiology whose landmark clinical research in the Heart and Estrogen/progestin Replacement Study (HERS) was republished in 2010 by *JAMA* as a “classic” and cited for creating a “sea change” in how hormone replacement programs were prescribed for women.

The lecture, titled “40 Years in Clinical Research at UCSF: Lessons Learned,” took place on Tuesday, October 19, 2010. To view the PowerPoint presentation associated with the lecture, please click [here](#).

### 2011 Faculty Research Lecture - Basic Science

The Committee received several nominations for the 2011 Faculty Research Lecture in Basic Science. Each year, the Faculty Research Lecture proudly acknowledges the outstanding scientific achievements made by a member of the UCSF Academic Senate. Academic Senate members are asked to consider the contributions of their colleagues when they make nominations for this prestigious award so that the University community may recognize their scientific achievements.

After lengthy discussion, members voted by secret ballot to select Lewis L. Lanier, Ph.D., as the recipient of the 2011 Faculty Research Lecturer in Basic Science. Dr. Lanier was one of the first to propose that Natural Killer (NK) cells both existed as a separate and third lineage of lymphocytes. His research has furthered understanding of NK cells and receptors.

His lecture, titled “A License to Kill – ‘Natural Killer’ Cells in Host Defense Against Viruses and Cancer” was held on February 14, 2011. To view the lecture, please follow this [link](#) and scroll to the Podcast at the bottom of the page.

### **2011 Faculty Research Lecture - Translational Science**

The Committee held its inaugural Faculty Research Lecture – Translational Science in 2011, honoring Dr. Michael R. Harrison, M.D., as the recipient. In selecting Dr. Harrison to receive this award, the Senate recognizes the immense value of faculty who translate bench science to a bedside clinical practice directly benefiting both patients and legions of other clinicians worldwide.

Known throughout the world as the “Father of Fetal Surgery,” Dr. Harrison has pioneered with his colleagues at UCSF the practice of fetal and pediatric surgery for the past thirty years. His research, knowledge, and skills have significantly advanced health and medicine and have served as a model for others. Dr. Harrison has been responsible for many visionary techniques for both in-utero open fetal surgery and endoscopic surgical repair (FETENDO Fetal Surgery) of many fetal abnormalities.

Dr. Harrison’s lecture, “Womb with a View: the Fetus Becomes a Patient,” was held on April 19, 2011. To view the lecture, please follow this [link](#) and scroll to the Podcast at the bottom of the page.

## **Appendices**

- [Appendix 1:](#) Communication to the UCSF Office of Technology Management on *Proposed Campus License Income Distribution Plan for Unpatented Software*
- [Appendix 2:](#) Communication to the Research Allocation Program (RAP) Executive Committee (February 2011)
- [Appendix 3:](#) Operational Excellence Work Group Charge and Status to Date (September 2010)
- [Appendix 4:](#) Operational Excellence Work Group Proposed Changes (May 2011)
- [Appendix 5:](#) Operational Excellence eProposal Pre-Award System Implementation (May 2011)
- [Appendix 6:](#) Letter to UCSF Academic Senate Division Chair Elena Fuentes-Afflick on Side Effects of the *Proposed Changes to the Pre-award Grant Administration Changes* (June 2011)

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