

**COUNCIL ON RESEARCH, COMPUTING & LIBRARIES
ANNUAL REPORT
2013-2014**

To the Irvine Divisional Senate Assembly:

The Council on Research, Computing & Libraries (CORCL) respectfully submits its report of activities for the academic year 2013-14.

I. COUNCIL OPERATIONS

Professor Rufus Edwards, Epidemiology, chaired the Council in 2013-14. At seven meetings from October 2013 through June 2014, CORCL's principal items of business included awarding faculty research grants, reviewing faculty proposals to establish and renew campus-approved centers and organized research units, and advising the Academic Senate Irvine Division Chair, Vice Chancellor for Research, Associate Vice Chancellor of Information Technology, and University Librarian on issues of importance to the campus and University that were under its charge.

II. FACULTY RESEARCH GRANTS

A total of \$534,528 was awarded by CORCL's five faculty research grant programs during 2013-14:

Research and Travel Grants	\$379,500
Cultural Research Grants	\$20,000
Multi-Investigator Research Grants	\$94,160
Single Investigator Innovation Grants	\$25,845
Conference Support Program	\$15,023

A. Allocations to Schools for Faculty Research Grants

CORCL sub-allocated \$379,500, equivalent to 71% of its budget to the Research Committees of each academic unit for Research and Travel (R&T) grants to be awarded competitively to Senate faculty. CORCL utilizes a distribution formula that supports (a) junior faculty in all departments and (b) all ranks in Arts and Humanities, schools that have traditionally had limited access to extramural funding.

AY 2013-14 Academic Unit	Weighted Faculty FTE*	R&T Allocation
Arts	120.74	\$33,996.00
Biological Sciences	118.17	\$33,273.00
Business	57.00	\$16,049.00
Education	26.50	\$7,462.00
Engineering	121.00	\$34,070.00
Humanities	253.63	\$71,412.00
ICS	71.00	\$19,991.00
Law	36.75	\$10,348.00
Medicine	146.00	\$41,109.00
Nursing	9.50	\$2,675.00
Pharmaceutical Sciences	9.50	\$2,675.00
Physical Sciences	151.53	\$42,666.00
Public Health	15.75	\$4,435.00
Social Ecology	64.75	\$18,231.00
Social Sciences	146.00	\$41,109.00
Totals	1,347.82	\$379,500.00

* Permanently filled FTE as of October 1, 2013

B. Cultural Research Grants

The Cultural Research Grants support academic research involving cultural analysis, interpretation, and production. CORCL received 46 proposals and awarded 5 grants for 5 faculty, ranging from \$1,000 to \$5,000.

Academic Unit	Number of Faculty Applicants	Amount Requested	Number of Faculty Receiving Grants	Amount Awarded
Arts	11	\$110,999	0	\$0
Engineering	1	\$10,000	0	\$0
Humanities	23	\$160,821	2	\$10,000
ICS	1	\$9,868	1	\$4,000
Social Ecology	3	\$23,956	1	\$5,000
Social Sciences	7	\$64,020	1	\$1,000
Total	46	\$359,796	5	\$20,000

C. Multi-Investigator Innovation Grants

The Multi-Investigator Innovation Grants promote new collaborations among faculty, particularly from different academic units, on “high-risk/high-yield” pilot research investigations and research that may lead to further discoveries. In 2013-14, CORCL received 43 proposals from 97 faculty and awarded 9 grants to 18 faculty, ranging from \$10,000 to \$12,080.

	Number of Proposals	Amount Requested	Number of Proposals Funded	Amount Awarded
Total	43	\$831,990	9	\$94,160

D. Single Investigator Innovation Grants

The Single Investigator Innovation Grants support new research projects of junior faculty, exploratory work by senior investigators, or meritorious research in disciplines that typically do not receive significant extramural support. In 2013-14, CORCL received 25 proposals and awarded 4 grants, ranging from \$5,000 to \$10,000.

Academic Unit	Number of Faculty Applicants	Amount Requested	Number of Faculty Receiving Grants	Amount Awarded
Arts	2	\$35,820	0	\$0
Biological Sciences	1	\$9,706	0	\$0
Engineering	5	\$49,000	0	\$0
Humanities	1	\$5,845	1	\$5,845
ICS	2	\$20,000	0	\$0
Medicine	4	\$39,625	1	\$5,000
Nursing Science	1	\$10,000	0	\$0
Pharmaceutical Sci.	1	\$10,000	1	\$5,000
Physical Sciences	1	\$9,000	0	\$0
Social Ecology	1	\$10,000	1	\$10,000
Social Sciences	6	\$53,775	0	\$0
Total	25	\$246,926	4	\$25,845

E. Conference Support Program

The Conference Support Program is a joint grant program between CORCL and the Office of Research, and is administered by the Office of Research. The goal is to promote interdisciplinary research and to strengthen the presence of UCI research and scholarship in the academic world at large. The Office of Research referred 13 conference proposals to CORCL for an academic assessment of their merits and significance. From the available funding, CORCL recommended awards for 11 grants, ranging from \$2,000 to \$4,000. CORCL’s recommendations were endorsed by the Office of Research.

CORCL allocated \$15,023 to match funds from the Office of Research. Total funding for the program was \$33,000 including \$2,977 returned from a previous award.

	Number of Proposals	Amount Requested	Number of Proposals Funded	Amount Awarded
Total	13	\$57,398	11	\$33,000

III. ACADEMIC REVIEW

A. Organized Research Programs

One of CORCL’s responsibilities is to provide academic reviews and advise the administration on faculty proposals to establish or renew Campus Centers and Organized Research Units (ORUs). In 2013-14, CORCL reviewed the following Campus Centers and Organized Research Units.

1. Campus Centers

- a. Review of Renewal for Newkirk Center for Science and Society
(Meeting date: 6/19/14 – Memo date: 6/26/14)
CORCL recommended the renewal of the Center for another term.
- b. Review of Renewal for Center for Unconventional Security Affairs (CUSA)
(Meeting date: 6/19/14 – Memo date: 6/26/14)
CORCL recommended the renewal of the Center for another term.

2. Organized Research Units

- a. Five-Year Review of Institute for Immunology
(Meeting date: 3/20/14 – Memo date: 3/27/14)
CORCL supported the renewal of the Institute for a second five-year term.
- b. Review of Name Change of Center for Embedded Computer Systems (CECS)
(Meeting date: 5/15/14 – Memo date: 5/29/14)
CORCL supported the proposed name change of the Center for Embedded Computer Systems to Center for Embedded and Cyber-Physical Systems.
- c. Five-Year Review of Atmospheric Integrated Research at UCI (AirUCI)
(Meeting date: 6/19/14 – Memo date: 6/26/14)
CORCL supported the renewal of AirUCI for a second five-year term.

IV. UNIVERSITY ADMINISTRATION AND GOVERNANCE

Reports were given at CORCL's monthly meetings by the Vice Chancellor for Research, the Associate Vice Chancellor of Information and Technology, and the University Librarian on issues concerning the faculty and the campus. CORCL also received reports from its representatives on two systemwide Senate committees – Chair Edwards and University Committee on Research Policy (UCORP) Vice Chair Brouillette on UCORP, and Professor Dimendberg on the University Committee on the Library and Scholarly Communication (UCOLASC). The University Committee on Computing and Communications (UCCC), represented by Professor Bozorgzadeh, did not meet in 2013-14. In addition, Chair Edwards served on the Academic Senate Cabinet.

A. Academic Senate

1. UCI Campus Issues

a. Langson Library

(Meeting dates: 10/17/13 and 11/21/13)

The discussion on the shelving reorganization proposal continued from the June 2013 meeting. The UCI Libraries presented a new proposal that took CORCL's concerns into consideration in order to mitigate effects on the School of Arts and School of Humanities faculty and students. It was reported that shelving reorganization can only accommodate space issues of the Langson Library in the next 3-5 years. The concept of building a library annex to address the long-term storage issue was endorsed by former Provost Gottfredson and was included in the 2005-15 Strategic Plan. The Libraries are currently evaluating their space and holding discussions with the Office of Planning and Budget. The Libraries will request Capital Planning to add the proposed annex to the campus 10-year capital plan.

b. Cultural Research Grant

(Meeting date: 11/21/13)

Due to the low response of the 2012-13 Cultural Diversity Studies Grant, CORCL determined that the 2013-14 call needed to be revised to generate greater faculty interest and increase the number of applications. The scope of the grant has been broadened to include culture in general rather than focusing only on diversity. The name of the grant has been changed from Cultural Diversity Studies Grant to Cultural Research Grant.

c. Learning Management System

(Meeting date: 4/17/14)

To address long-range needs of the campus, OIT recommended that the current Electronic Educational Environment (EEE) which was custom-built for the campus in 1995, be upgraded to a new Learning Management System to be used in conjunction with third-party tools. The proposed configuration allows for an adaptable and flexible system that would promote innovation, support a range of pedagogical use cases, leverage emerging technology, enhance teaching and learning, and maximize delivery options.

d. Sponsored Project Administration

(Meeting date: 6/19/14)

The Office of Research recently developed campus guidelines for the submission of proposals to Sponsored Project Administration for institutional review and approval. The guidelines establish procedures and requirements that are designed to ensure that all proposals are processed and submitted effectively. However, CORCL finds the new

guidelines to be constrictive and wishes for more flexibility to accommodate deadlines and multi-disciplinary grants.

2. Universitywide Issues

a. Open Access Policy

(Meeting date: 10/17/13)

The Open Access Policy was passed by the Academic Senate in July 2013 to ensure that future research articles authored by UC faculty will be made available to the public at no charge. Faculty on three pilot campuses (Irvine, UCLA, and UCSF) began depositing articles in eScholarships in November 2013. Deposit of articles on the remaining campuses is expected to begin in November 2014.

b. Composite Benefit Rates

(Meeting date: 11/21/13)

Composite Benefit Rates (CBR) have been in development as part of the transition to UCPATH, a new systemwide payroll and personnel system that is scheduled for implementation beginning in 2015. CBR pool all eligible benefit costs for an employee group to create an average overall percentage rate for employees in the group, rather than calculating actual individual-by-individual benefit costs for which the fund source is responsible. This methodology affects benefits charged to faculty contracts and grants and the treatment of summer salary. In May 2014, the Academic Senate and the Administration reached an agreement after months of discussion about the impact CBR would have on the availability of funds for sponsored research and graduate student support. CBR will consist of 14 different rates with 10 rates shared in common by all campuses, and 4 rates to be defined locally by each campus. Academic salaries and summer salaries will be treated separately, as has been strongly advocated by the Academic Senate.

c. Presidential Policy on Copyright and Fair Use

(Meeting date: 4/17/14 – Memo date: 5/19/14)

CORCL found the proposed Policy to be ambiguous and vague with regard to the use of copyrighted materials and urges the University to take a more aggressive stand in advocating for Fair Use of copyrighted materials.

d. Revisions to Compendium: University Review Processes for Academic Programs, Academic Units and Research Units

(Meeting date: 5/15/14 – Memo date: 5/29/14)

CORCL declined to formally opine on the proposed revisions to the Compendium.

e. Multicampus Research Programs and Initiatives (MRPIs)

The Academic Senate is deeply concerned that the level of systemwide and multi-campus research funding has eroded significantly, especially in regard to reductions in the funding of the highly-competitive MRPI. The support for MRPI was reduced from \$15.9M to \$6.3M between 2008-09 and 2014-15, of which only \$2.8M is available for new projects.

V. CONTINUING BUSINESS

CORCL Budget

CORCL budget has been substantially decreased since the economic downturn of 2008, with the exception of 2009 when the Provost's office supplemented \$400,000 to CORCL budget to fund a one-time Special Research Grant in order to mitigate the furlough program. Currently, CORCL budget is 28% lower than funding levels before the downturn. Moreover, the increased demand for research funding led CORCL to have the lowest funding per weighted FTE across UC campuses. Such a funding inequity is a concern for UCI faculty as it decreases opportunities for seed projects and in support of Arts and Humanities. Furthermore, any decrease in the potential for extramural grants reduces UCI research potential. As a result, CORCL is seeking a restoration of its budget that is critical to support faculty research. The Academic Senate leadership continues to advocate on CORCL's behalf.

VI. COUNCIL MEMBERSHIP

Members:

Rufus Edwards, Health Sciences, Chair & UCORP rep.
Philip Thompson, Arts
Steven Frank, Biological Sciences
Paul Gershon, Biological Sciences
Peter Navarro, Business
Liane Brouillette, Education
Marc Madou, Engineering
Farzin Zareian, Engineering
Lorraine Evangelista, Health Sciences
Edward Dimendberg, Humanities, UCOLASC rep.
Elizabeth Allen (Fall 2013), Humanities
Laura O'Connor (Winter & Spring 2014), Humanities
Elaheh Bozorgzadeh, ICS, UCCC rep.
Dan Burk, Law
Long Chen, Physical Sciences
Zhihong Lin, Physical Sciences
Cheryl Maxson, Social Ecology
Keith Murphy, Social Sciences
Sean Walsh, Social Sciences

Representatives:

Carol Hughes, LAUC-I
Scott Sellars, AGS
Mark Canet (Fall 2013 & Winter 2014), ASUCI
Maryann Adraincem (Spring 2014), ASUCI

Ex Officios:

John Hemminger, Vice Chancellor for Research
Dana Roode, Associate Vice Chancellor,
Office of Information Technology
Lorelei Tanji, University Librarian

Consultants:

James Hicks, Associate Vice Chancellor for Research
Bruce Morgan, Assistant Vice Chancellor for Research
Mark Warner, Associate Vice Chancellor for Admin.
Jill Kay, Director, Research Policy

Council Analyst:

Thao Nguyen