

COUNCIL ON RESEARCH, COMPUTING & LIBRARIES
ANNUAL REPORT
2019-2020

To the Irvine Divisional Senate Assembly:

The Council on Research, Computing & Libraries (CORCL) respectfully submits its report of activities for the academic year 2019-20.

I. COUNCIL OPERATIONS

Professor Lee Bardwell, Developmental & Cell Biology, chaired the Council for the 2019-20 academic year. Professor Aaron Barth, Physics and Astronomy, served as vice chair. At eight meetings from October 2019 through June 2020, CORCL's principal items of business included allocating faculty research funding, 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.

The Council appointed several members to serve on various Academic Senate/Administration committees during the year as follows:

Supplemental Course Fees Task Force: Lee Bardwell

ORU White Paper: Martin Huang

Subcommittee on Computing: Feng Liu, Ron Frostig, Nader Bagherzadeh, Mort Pincus

Research Networking Infrastructure Committee: Feng Liu

II. FACULTY RESEARCH GRANTS

A total of \$1,044,101 was awarded by CORCL's faculty research grant programs during 2019-20:

Allocations to Schools for Faculty Research Grants

CORCL allocated 100% of its budget of \$1,044,101 to the Research and Travel Committees of each academic unit for Research and Travel grants to be awarded competitively to Senate faculty.

AY 2019-20 Academic Unit	Weighted Faculty FTE*	R&T Allocation
Arts	132.00	\$89,426
Biological Sciences	121.67	\$82,431
Business	58.00	\$39,295
Education	36.00	\$24,390
Engineering	134.10	\$90,852
Humanities	278.50	\$188,683
ICS	90.00	\$60,975
Law	45.00	\$30,487
Medicine	157.25	\$106,536
Nursing	13.00	\$8,807
Pharmaceutical Sciences	12.00	\$8,130
Physical Sciences	171.10	\$115,920
Public Health	22.25	\$15,074
Social Ecology	87.00	\$58,942
Social Sciences	183.25	\$124,151

Totals	1,541.12	\$1,044,101
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* Permanently filled FTE as of December 3, 2018.

**Due to the state executive order to stay home and related impacts from COVID-19, Chair Bardwell approved an extension of 2019-20 R&T funds through December 31, 2020.

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 2019-20, CORCL reviewed the following ORU programs and the following research units.

1. Organized Research Units

Five-Year Review of Atmospheric Integrated Research at UC Irvine (AirUCI)

(Meeting date: 11/21/2019 – Memo date: 12/18/19)

CORCL supported the continuation of the center for another five year term.

Five-Year Review of the Center for Complex Biological Systems (CCBS)

(Meeting date: 11/21/19 – Memo date: 12/19/19)

CORCL endorsed the continued support of the center for another five year term.

Five-Year Review of the Institute for Immunology (IFI)

(Meeting date: 2/20/2020 – Memo date: 3/3/20)

CORCL recommended provisional renewal for the IFI for one year contingent on an internal reconfiguration, establishment of a standing external advisory board with regular reports, and the development of a strategic plan.

Five-Year Review of the Health Policy Research Institute (HPRI)

(Meeting date: 5/21/20 – Memo date: 6/15/20)

CORCL recommended the provisional discontinuation of the HPRI. The Council expressed concerns about the organization's limited outreach and inclusivity in cross-disciplinary interactions and collaborative team science. CORCL suggested that it may be more appropriate for the HPRI to continue as a school center within the School of Medicine.

2. Campus Centers

Renewal of the Newkirk Center for Science and Society

(Meeting date: 1/16/20 – Memo date: 2/11/20)

CORCL supported the renewal of the campus center designation.

Center for Critical Korean Studies (CCKS)

(Meeting date: 6/15/20 – Memo date: 7/1/20)

CORCL endorsed the establishment of the center for campus center designation.

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 three systemwide Senate committees – Chair Bardwell on the University Committee on Research Policy (UCORP), Vice Chair Barth and Professor Rebecca Davis on the University Committee on Library and Scholarly Communication (UCOLASC), and Professor Feng Liu on the University Committee on Academic Computing and Communications (UCACC).

A. Academic Senate

1. UCI Campus Issues

- a. Publication of Council Agendas and Minutes
(Meeting date: 1/16/2020)
CORCL found no issues with making agendas public. Public agendas should be anonymized and subsequently include the outcomes of action items. The Council opposed the public disclosure of minutes.
- b. Advantages and Disadvantages of Quarters versus Semesters
(Meeting date: 2/20/2020 – Memo date: 3/3/2020)
CORCL considered an initial list of advantages and disadvantages of a quarter and semester system provided by the APG task group. The Council observed that context including how the decision would be made, who would make the decision, and what criteria would be used is necessary for deliberations.
- c. School of Pharmacy & Pharmaceutical Sciences (SPPS)
(Meeting date: 3/19/2020 – Memo date: 4/7/2020)
In response to CORCL concerns to the pre-proposal, Dr. Jan Hirsch, Director and Founding Dean of the SPPS reaffirmed that teaching loads would remain balanced and provided details on the computing plan. The Council reiterated its concerns about the School's relationship with complementary and alternative medicine.
- d. Program in Public Health Department Proposals
(Meeting date: 4/16/2020 – Memo date: 5/4/2020)
CORCL identified several areas of concern including the potential for the promotion of pseudoscience through Department of Population Health and Disease Prevention (DPHDP) activities related to integrative health and complementary/alternative medicine, the absence of a faculty teaching workload policy, and details on the program's capacity to handle the expected growth in graduate programs.
- e. 2020-2025 Five-Year Perspectives
(Meeting date: 4/16/2020 – Memo date: 5/14/2020)
CORCL reviewed the 2020 UCI Five-Year Planning Perspectives prepared by the Office of Academic Planning. The Council expressed concerns regarding whether the growth of self-supporting graduate degree programs and online instruction will come at the expense of pedagogy, campus service, or research. CORCL also observed that the School of Population and Public Health plans to propose an M.S. in Nutritional Science. The Council suggested that the program provide details on its relationship with alternative medicine. It was also noted that given the report was prepared pre-COVID-19, it did not address how plans may have changed in response to the pandemic.
- f. Integrative Medicine at UCI: Report and Recommendations
(Electronic Review: 8/19/20)

CORCL voted (13 in favor, 4 abstained) to endorse a report prepared by a CORCL subcommittee that details the elevated role of integrative health in patient care, education, and research at UCI. The report calls on campus leadership to confront the harmful and pseudoscientific practices associated with integrative medicine. The report recommends a set of actions to protect the university's educational, research, and health-care mission.

2. Universitywide Issues

- a. Presidential Policy on Native American Cultural Affiliation and Repatriation
(Memo date: 10/9/2019 & 9/2/2020)
CORCL found no objections to the revised policy. The Council observed that the change could theoretically decrease or delay access to research materials for UC researchers. However, the importance of respecting Native American and Native Hawaiian human remains and cultural items far outweighed those concerns.
- b. Presidential Policy on Copyright Ownership
(Meeting date: 11/21/2019 – Memo date: 12/3/2019)
CORCL endorsed the proposed revisions and noted concerns about ambiguity and inconsistent wording.
- g. Review of Research Information Management Systems (RIMS) Report
(Meeting date: 1/16/2020 – Memo date: 2/11/2020)
CORCL supported the report recommendations and endorses the request for a system-wide review of RIMS across the UC.
- h. Presidential Policy on Protection of Human Subjects in Research
(Meeting date: 4/16/2020 – Memo date: 5/11/2020)
CORCL agreed with the proposed revisions as they ensure uniformity across UC campuses. The Council provided several recommendations to further protect human subjects including establishing the mental capacity of seriously ill and frequently sedated subjects, use of a third party to explain the nature of the investigation, and the ability for researchers to self-declare work as exempt when appropriate.

3. Guests

CORCL invited Dr. Hung Fan, Associate Vice Chancellor for Strategic Initiatives, Office of Research to its March 19, 2020 meeting to discuss the current status of all UCI ORUs and institutes primarily concerned with vaccine, virology or infectious diseases. Dr. Fan was also invited to CORCL's June 18, 2020 meeting to report on the 2019-20 ORU and Campus Center Reviews conducted by the Council.

CORCL invited Dr. Phil Papadopoulos, Director, Research Cyberinfrastructure Center to its April 16, 2020 meeting to discuss updates to the campus research storage pool.

CORCL invited Shohreh Bozorgmehri, Divisional Director, Student and Academic Services to its May 21, 2020 meeting to discuss UCI's educational continuity plan in response to the COVID-19. Shohreh presented resources for remote teaching and learning.

CORCL invited Dr. Michael Dennin, Vice Provost of Teaching and Learning to its June 18, 2020 meeting to discuss software choice decisions for online and remote learning tools.

V. CONTINUING BUSINESS - NONE

VI. COUNCIL MEMBERSHIP

- Members: Lee Bardwell, Biological Sciences, Chair & UCORP representative
Simon Penny, Arts
Ron Frostig, Biological Sciences (on leave Spring 2020)
Steven Frank, Biological Sciences (substitute Spring 2020)
Morton Pincus, Business
Annemarie Conley, Education
Nader Bagherzadeh, Engineering
Russell Detwiler, Engineering (substitute Winter 2019)
Feng Liu, Engineering, Subcommittee on Computing Chair & UCACC representative
Stephen Bondy, Health Sciences
Tim Allen Bruckner, Health Sciences
Martin Huang, Humanities
Rebecca Davis, Humanities
Michele Guindani, ICS
Emily Taylor Poppe, Law
Aaron Barth, Physical Sciences, Vice Chair
Scott Rychnovsky, Physical Sciences
Nancy Rodriguez, Social Ecology
Barbara Sarnecka, Social Sciences
Michael Tesler, Social Sciences
- Representatives: Cynthia Johnson, LAUC-I
Richard Prince, AGS
Jiaqi Prince, ASUCI
- Ex Officios: Pramod Khargonekar, Vice Chancellor for Research
Kian Colestock, Interim Chief Information Officer
Lorelei Tanji, University Librarian
- Consultants: Hung Fan, Associate Vice Chancellor, Strategic Initiatives
Bruce Morgan, Assistant Vice Chancellor for Research
Mark Warner, Senior Associate Vice Chancellor for Administration
Jill Kay, Director, Research Policy
- Council Analyst: Michelle Chen