COUNCIL ON RESEARCH, COMPUTING & LIBRARIES
ANNUAL REPORT
2020-2021

To the Irvine Divisional Senate Assembly:
The Council on Research, Computing & Libraries (CORCL) respectfully submits its report of activities for the academic year 2020-21.

I. COUNCIL OPERATIONS

Professor Michele Guindani, Statistics, chaired the Council for the 2020-21 academic year. Professor Scott Rychnovsky, Chemistry, served as vice chair. At seven meetings from October 2020 through June 2021, 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:

ORU White Paper: Martin Huang
APG Data Governance Committee: Matt Harding
Subcommittee on Computing: Feng Liu, Nader Bagherzadeh, Kevin Thornton

II. FACULTY RESEARCH GRANTS

A total of $1,059,581 was awarded by CORCL's faculty research grant programs during 2020-21:

Allocations to Schools for Faculty Research Grants
CORCL allocated 100% of its budget of $1,059,581 to the Research and Travel Committees of each academic unit for Research and Travel grants to be awarded competitively to Senate faculty.

AY 2020-21 Academic Unit	Weighted Faculty FTE*	R&T Allocation
Arts	132.50	$88,863
Biological Sciences	135.00	$90,544
Business	59.00	$39,571
Education	41.00	$27,498
Engineering	145.15	$97,351
Humanities	275.11	$184,511
ICS	99.00	$66,399
Law	42.73	$28,659
Medicine	169.25	$113,515
Nursing	12.00	$8,048
Pharmaceutical Sciences	16.00	$10,731
Physical Sciences	168.10	$112,743
Public Health	25.75	$17,270

Social Ecology	85.50	$57,344
Social Sciences	173.75	$116,533
Totals	1,579.83	$1,059,581

* Permanently filled FTE as of December 3, 2020.

**Due to the impacts from COVID-19, Chair Guindani approved an extension of 2019-20 R&T funds through December 31, 2021. An extension of 2020-21 funds through June 2022 was also approved.

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 2020-21, CORCL reviewed the following ORU program.

1. Organized Research Units

Re-establishment of the Center for the Neurobiology of Learning and Memory (CNLM)
(Meeting date: 11/19/20 – Memo date: 1/8/21)
CORCL endorsed the transition from a School-based research center within the School of Biological Sciences to an Organized Research Unit (ORU), with Professor Michael Yassa continuing as Director, for a 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 three systemwide Senate committees – Chair Guindani on the University Committee on Research Policy
(UCORP), Professor Bryan Reynolds on the University Committee on Library and Scholarly Communication (UCOLASC), and Professor Nader Bagherzadeh on the University Committee on Academic Computing and Communications (UCACC).

A. Academic Senate

1. UCI Campus Issues

a. University Hills Internet/Connectivity Issues
(Meeting date: 10/15/20 – Memo date: 11/3/20)
CORCL endorsed the recommendation by the Council on Faculty Welfare (CFW) to consider a more significant resolution to address issues regarding internet connectivity in University Hills. The Council suggested that the administration were to provide a subsidy for any additional costs that faculty must incur in order to fulfill faculty responsibilities and tasked the Subcommittee on Computing to discuss realistic strategies to address the issue.

b. Undergraduate Research Opportunities Program (UROP)

(Meeting date: 1/21/21 – Memo date: 2/12/21)
CORCL considered features and priorities that are important for the future of UROP. The Council expressed support for a funding model that extends access to a wide and diverse student body and earnest consultation with the UROP Faculty Advisory Board.

c. Academic Freedom
    (Meeting date: 2/18/21 – Memo date: 4/7/20)
    CORCL discussed UCLA's statement of academic freedom to quote offensive material and the merits of releasing a similar statement for Irvine faculty. The Council affirmed that academic freedom encompasses the right to research, assign, archive, and discuss potentially offensive material for viewing, reading and discussion, and should cover lecturers and tenured and tenure-track faculty.

d. Proposed Campus Security Camera Policy
    (Meeting date: 3/18/21 – Memo date: 4/2/21)
    CORCL acknowledged the immediate need for a policy governing security camera use on campus and made a number of suggestions for improvement. The Council noted that detail is needed on what is meant by "public" and "private," what processes are in place to safeguard expectations of privacy under a public records request, the maximum amount of time for record retention, who has authorized access and control of recordings, and the infrastructure that will be used to support storage of recordings.

e. Pre-Proposal to Establish a School of Population and Public Health (SPPH)
    (Meeting date: 4/15/21 – Memo date: 5/11/21)
    CORCL observed that the proposal would benefit from additional discussion on computing and library needs, why establishment of the SPPH will help elevate research beyond the existing program in Public Health, and how the SPPH will integrate with the academic core of the main campus. The Council also noted that the six opposing faculty votes warrant further consideration.

f. Alternative Uses of CORCL Faculty Research and Travel Funds
    (Meeting date: 4/15/21 – Memo date: 5/26/21)
    CORCL expressed support for the distribution of a Senate statement that broadly encourages flexible use of funds. The Council recommended a number of alternative uses including research and computing equipment, reimbursement of fees paid for participating in online conferences, publication fees for open-access journals, and ergonomic office furniture and computing devices designed to improve the health and safety of online work.

g. Open Source Instructional Materials
    (Meeting date: 5/20/21 – Memo date: 7/6/21)
    CORCL endorsed the CTLSE recommendation that UCI Libraries, Division of Teaching Excellence and Innovation, Graduate Division, and the Academic Senate host a webinar for instructors on open source and other resources available. CORCL noted the lack of quality and limited range of course topics currently available as a barrier and proposed that the webinar highlight how faculty can leverage the Libraries' existing licensing to address affordability of course materials. The Council suggested that the campus consider providing funding for faculty course release or hiring graduate students to put textbook resources together.

2. Universitywide Issues

a. Systemwide Review of the Report of the Online Undergraduate Degree Task Force
(Meeting date: 11/19/20 – Memo date: 12/1/20)
CORCL expressed support for the recommendation that the UC require at least one-third of all major units and one-third of total units to be earned in non-remote courses and prohibit fully remote undergraduate degree programs. The Council observed that fully remote degree courses would make it impossible for students to conduct research, complicate visa requirements, and increase the computing demands for the campus.

b. Presidential Policy Business and Finance Bulletin IS-12 on IT Recovery
(Meeting date: 1/21/21 – Memo date: 2/2/21)
CORCL advised a reconsideration of the proposed policy given the number of issues raised during the review. Issues include lack of clarity on the roles and responsibilities needed for implementation and minimal administrative oversight and faculty involvement in the operation.

c. Systemwide Review of Innovative Learning Technology Initiative (ILTI)
(Meeting date: 1/21/21 – Memo date: 2/2/21)
CORCL observed that the report does not adequately address the issue of high noncompletion rates, how instructional design staff within UC Online will coordinate with ongoing instructional design and technology efforts at campuses, and whether enough is being done to ensure student data privacy. The Council also expressed concerns about administrative overreach and appropriate staff expertise.

d. Presidential Policy on UC Research Data and Tangible Research Materials
(Meeting date: 1/21/21 – Memo date: 2/26/21)
CORCL found the policy to be well considered. The policy confirmed that the UC owns all research data and tangible research materials. Given the diverse nature of research and scholarship in the UC system, the Council noted that the policy appropriately focuses on principles rather than details. The Council recommended a number of minor edits for clarity.

3. Guests

CORCL invited Tom Andriola, Vice Chancellor of Information, Technology & Data to its October 15, 2020 meeting to discuss implications of the ransomware incident at UCSF.

CORCL invited Dr. Phil Papadopoulos, Director, Research Cyberinfrastructure Center (RCIC) to its February 18, 2021 meeting to discuss the campus response to UC Recommendations for Protection of Digital Research Data.

CORCL invited April Sather, Assistant Chief Information Security Officer, Nancy Lewis, Executive Director of Sponsored Projects, and Grace Park, Assistant Director of Sponsored Projects to its March 18, 2021 meeting to discuss how the Office of Sponsored Projects will work with researchers on updated policy compliance requirements for protection of digital research data.

CORCL invited Wasila Dahdul, Data Curation Librarian and Mitchell Brown, Scholarly Communications Coordinator and Research Librarian for Chemistry, Earth System Science,

and Russian Studies to discuss integration of unique persistent identifiers for researchers (ORCID) with data management plans (DMP).

CORCL invited Kian Colestock, Associate Vice Chancellor and CIO, Shohreh Bozorgmehri, Director of Student and Academic Services, and Erik Kelly, Instructional Technology Support Supervisor to discuss new initiatives for faculty and student support and third party Canvas integrations.

V. CONTINUING BUSINESS - NONE

VI. COUNCIL MEMBERSHIP

Members:	Michele Guindani, ICS, Chair & UCORP representative
	Bryan Reynolds, Arts, UCOLASC representative
	Olivier Cinquin, Biological Sciences
	Kevin Thornton, Biological Sciences
	Ben Lourie, Business
	Annemarie Conley, Education
	Nader Bagherzadeh, Engineering, Subcommittee on Computing Chair & UCACC representative
	Feng Liu, Engineering,
	Stephen Bondy, Health Sciences
	Robert Steele, Health Sciences
	Martin Huang, Humanities
	Catherine Liu, Humanities
	Emily Taylor Poppe, Law
	Aaron Barth, Physical Sciences
	Scott Rychnovsky, Physical Sciences, Vice Chair
	Naomi Sugie, Social Ecology
	Matthew Harding, Social Sciences
	Michael Tesler, Social Sciences
Representatives:	Nicole Carpenter, LAUC-I
	Danielle Kane, LAUC-I Hye
	Rin Lee, AGS
	Lailie Kahsai, ASUCI
	Jennifer Nguyen, ASUCI
Ex Officios:	Pramod Khargonekar, Vice Chancellor for Research
	Kian Colestock, Chief Information Officer
	Lorelei Tanji, University Librarian
Consultants:	Hung Fan, Associate Vice Chancellor, Strategic Initiatives
	Bruce Morgan, Assistant Vice Chancellor for Research
	Jill Kay, Director, Research Policy
Council Analyst:	Michelle Chen