To the Irvine Divisional Senate Assembly:

I. COUNCIL OPERATIONS
Hugh Roberts, Associate Professor, English (School of Humanities), chaired the Council in 2011-12. At eight meetings from October 2011 through June 2012, 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, advising the Academic Senate Irvine Division Chair, the Vice Chancellor for Research, the Interim University Librarian, and the Associate Vice Chancellor, Office of Information Technology on issues of importance to the campus and University that were under its charge.

II. FACULTY RESEARCH GRANTS
A total of $522,050 was awarded by CORCL’s four faculty research grant programs: Research and Travel Grants ($369,500), Cultural Diversity Studies Grants ($12,000), Conference Support ($14,000), Multi-Investigator Grants ($68,600) and Single Investigator Grants ($57,950) during 2011-12.

A. Allocations to Schools for Faculty Research Grants
CORCL sub-allocated $369,500, 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, who traditionally have limited access to extramural funding.

<table>
<thead>
<tr>
<th>Academic Unit</th>
<th>Weighted Faculty FTE*</th>
<th>R&amp;T Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>119.25</td>
<td>$33,494.00</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>114.09</td>
<td>$32,045.00</td>
</tr>
<tr>
<td>Business</td>
<td>51.00</td>
<td>$14,325.00</td>
</tr>
<tr>
<td>Education</td>
<td>26.00</td>
<td>$7,303.00</td>
</tr>
<tr>
<td>Engineering</td>
<td>123.75</td>
<td>$34,758.00</td>
</tr>
<tr>
<td>Humanities</td>
<td>241.12</td>
<td>$67,724.00</td>
</tr>
<tr>
<td>ICS</td>
<td>71.00</td>
<td>$19,942.00</td>
</tr>
<tr>
<td>Law</td>
<td>28.75</td>
<td>$8,075.00</td>
</tr>
<tr>
<td>Medicine</td>
<td>151.00</td>
<td>$42,412.00</td>
</tr>
<tr>
<td>Nursing</td>
<td>8.50</td>
<td>$2,387.00</td>
</tr>
<tr>
<td>Pharmaceutical Sciences</td>
<td>7.75</td>
<td>$2,177.00</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>146.58</td>
<td>$41,170.00</td>
</tr>
<tr>
<td>Public Health</td>
<td>13.75</td>
<td>$3,862.00</td>
</tr>
<tr>
<td>Social Ecology</td>
<td>67.75</td>
<td>$19,029.00</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>151.00</td>
<td>$55,666.00</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td><strong>1315.54</strong></td>
<td><strong>$369,500.00</strong></td>
</tr>
</tbody>
</table>

* Permanently filled FTE as of October 1, 2011
B. **Multi-Investigator Faculty Research Grants**

The Multi-Investigator Faculty Research Grants promote new collaborations among faculty, particularly from different academic units, on “high-risk/high-yield” pilot research investigations and research which may lead to further discoveries. It has proven to be an excellent investment of campus resources with an outstanding return, both intellectually and through the resulting extramural funding. In 2011-12, CORCL received 26 proposals from 64 faculty and awarded 6 grants for 14 faculty, ranging from $10,000 to $12,600.

<table>
<thead>
<tr>
<th>Number of Proposals</th>
<th>Amount Requested</th>
<th>Number of Proposals Funded</th>
<th>Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>26</td>
<td>$501,729.92</td>
<td>6</td>
</tr>
</tbody>
</table>

C. **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 2011-12, CORCL received 21 proposals and awarded 10 grants, ranging from $1,000 to $9,000.

<table>
<thead>
<tr>
<th>Academic Unit</th>
<th>Number of Faculty Applicants</th>
<th>Amount Requested</th>
<th>Number of Faculty Receiving Grants</th>
<th>Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>4</td>
<td>$32,600</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Engineering</td>
<td>3</td>
<td>$27,000</td>
<td>2</td>
<td>$13,000</td>
</tr>
<tr>
<td>Humanities</td>
<td>5</td>
<td>$35,374</td>
<td>4</td>
<td>$16,000</td>
</tr>
<tr>
<td>Medicine</td>
<td>2</td>
<td>$17,854</td>
<td>1</td>
<td>$6,000</td>
</tr>
<tr>
<td>Pharmaceutical Sciences</td>
<td>1</td>
<td>$9,000</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Social Ecology</td>
<td>3</td>
<td>$25,437.50</td>
<td>1</td>
<td>$9,000</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>3</td>
<td>$21,550</td>
<td>2</td>
<td>$13,950</td>
</tr>
<tr>
<td>Total</td>
<td>21</td>
<td>$159,815.50</td>
<td>10</td>
<td>$57,950</td>
</tr>
</tbody>
</table>

D. **Cultural Diversity Studies Grants**

The Cultural Diversity Studies Grants support academic research addressing issues of cultural diversity, particularly studies pertaining to cultures that are frequently neglected in mainstream, canonical studies. CORCL received 6 proposals and awarded 4 grants at $3,000 each for the Cultural Diversity Studies.

<table>
<thead>
<tr>
<th>Academic Unit</th>
<th>Number of Faculty Applicants</th>
<th>Amount Requested</th>
<th>Number of Faculty Receiving Grants</th>
<th>Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>3</td>
<td>$12,360</td>
<td>2</td>
<td>$6,000</td>
</tr>
<tr>
<td>Humanities</td>
<td>1</td>
<td>$4,000</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>2</td>
<td>$6,050</td>
<td>2</td>
<td>$6,000</td>
</tr>
<tr>
<td>Total</td>
<td>6</td>
<td>$22,410</td>
<td>4</td>
<td>$12,000</td>
</tr>
</tbody>
</table>

E. **Conference Support Grants**

The Conference Support Grant is a joint grant program between CORCL and the Office of Research, and is managed by the Office of Research. Its 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 24 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 $500 to $4,000. CORCL’s recommendations were endorsed by the Office of Research.

CORCL allocated $14,000 from the Research and Travel grant to contribute to funds from the Office of Research. Total funding of the program was $30,000. Because of CORCL’s strong endorsement for the program, the Office of Research continues to support the program.

<table>
<thead>
<tr>
<th>Number of Proposals</th>
<th>Amount Requested</th>
<th>Number of Proposals Funded</th>
<th>Amount Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>24</td>
<td>$95,221.64</td>
<td>11</td>
</tr>
</tbody>
</table>

III. ACADEMIC REVIEW

A. Organized Research Programs
One of CORCL’s most important responsibilities is to provide an academic review and advise the administration about faculty proposals to establish or renew Campus Centers and Organized Research Units (ORUs). In 2011-12, CORCL reviewed the following Campus Centers and Organized Research Units.

1. Campus Centers
   a. Review of Campus Center Renewal for Samuel Jordan Center for Persian Studies & Culture
      (Meeting date: 1/19/12 – Memo date: 2/10/12)
      CORCL recommended renewal of the Center for a second 3-year term without change in its budget. The Council also suggested that the Center establish benchmarks to be met for renewal in 3 years. Specific benchmarks include seeking external research grants and donations, developing and supporting interdisciplinary research projects that include faculty from multiple schools, and setting clearly defined research goals and implementing steps that should be taken to reach those goals.
   b. Review of Campus Center Extension for Epilepsy Research Center
      (Meeting date: 3/15/12 – Memo date: 4/9/12)
      CORCL recommended a 3-year administrative extension of the Center.

2. Organized Research Units
   a. Five-Year Review of Institute for Software Research (ISR)
      (Meeting date: 4/19/12 – Memo date: 4/26/12)
      CORCL recommended the renewal of the Institute for a third 5-year term.
   b. Five-Year Review of Genetic Epidemiology Research Institute (GERI)
      (Meeting date: 4/19/12 – Memo date: 4/26/12)
      CORCL recommended the renewal of the Institute for a second 5-year term subject to two conditions: 1) that within one year, GERI provide an internal review report to the Office of Research outlining the steps they have taken to establish an external advisory board and a succession plan, and 2) that GERI undergo a full external review in two years.
   c. Five-Year Review of Center for Embedded Computer Systems (CECS)
      (Meeting date: 6/21/12 – Memo date: 7/9/12)
CORCL recommended the renewal of the Center for a third 5-year term. In addition, the Council recommended reappointment of Director Daniel Gajski and encouraged the Office of Research to work with CECS on finding appropriate and stable space.

d. Five-Year Review of Center for Virus Research (CVR)
(Review by email correspondence – Memo date: 8/30/12)
CORCL recommended the renewal of the Center for a third 5-year term and the reappointment of Director Bert Semler.

e. Review of Proposals for New ORUs
(Meeting dates: 11/17/11 & 6/21/12 – Memo dates: 11/22/11 & 6/28/12)
CORCL reviewed 17 preliminary proposals for new ORUs received by the Office of Research. The Council ranked the top 8 proposals and forwarded its recommendations to the Office of Research. Based on CORCL’s recommendations and other selection criteria, the Office of Research selected the top 4 proposals and invited them to submit a full ORU application, with the anticipation that 2-3 proposals may be successful in obtaining ORU status.

A subcommittee of CORCL members performed a detailed evaluation of each of the four proposals. The subcommittees solicited and analyzed external letters of evaluation, read and analyzed all documents submitted for review, and presented their findings at the June meeting. After hearing from each of the four subcommittees, the full committee considered and ranked the four proposed ORUs in relation to one another. The rankings were:

1. Center for Complex Biological Systems (CCBS)
2. Virtual Environments and Computer Games (VECG)
3 and 4. Brain Repair Center (BRC) and Center for Hearing Research (CHR)

CORCL ranked the ORUs by a vote. In the final vote tally, CCBS was clearly the first choice and VECG was clearly the second choice. BRC and CHR differed by only a single vote and it would not be fair to characterize either as significantly better or worse than the other.

B. Review of Internal Proposals for Limited Submissions
Outside of the monthly meetings, CORCL members served on ad hoc committees to screen pre-proposals when sponsors limited the number of proposals or nominations that the campus could submit. The ad hoc committees advised the Vice Chancellor for Research on those applications they considered the most competitive for the specific program.

IV. UNIVERSITY ADMINISTRATION AND GOVERNANCE
Reports are given at CORCL’s monthly meetings by the Vice Chancellor for Research, the Interim University Librarian, and the Associate Vice Chancellor, Office of Information and Technology (OIT) on issues concerning the faculty and the campus. CORCL also hears reports from its representatives on three systemwide Senate committees—the University Committee on Research Policy (UCORP), University Committee on the Library and Scholarly Communication (UCOLASC), and the University Committee on Computing and Communications (UCCC). In addition, the CORCL chair serves on the Academic Senate Cabinet.
A. Academic Senate

1. UCI Campus Issues

a. School of Education
   (Meeting date: 1/19/12 – Memo date: 1/30/12)
   CORCL had no concerns regarding the establishment of the School of Education. While
   the proposal states that no additional resources will be required, the Council is cautious of
   potential hidden costs.

   (Meeting date: 2/16/12 – Memo date: 2/24/12)
   CORCL observed the following issues: the disparity in size between the UCI branch and
   the UCSD branch of Calit2, the broader range of the UCI branch which encompasses
   Arts, Medicine and Engineering while the UCSD branch is more focused on Engineering,
   the turnover of leadership at UCI, and the lack of educational activities in general.

c. Indirect Cost Distribution
   (Meeting dates: 2/16/12 & 3/15/12 – Memo date: 3/22/12)
   The distribution process of indirect cost to ORUs is undergoing a change. The portion of
   indirect costs normally returned to schools is returned to ORUs for those extramural
   grants that were put though the ORU. The Office of Research is proposing to change this
   policy to accumulate these indirect costs in the Office of Research and distribute them to
   directly support campus research. Some CORCL members viewed this proposal as
   positive since the current system leads to inefficient use of this fund. Other members
   viewed it as negative due to the loss of funds to ORUs. In particular, funds provided
   through indirect cost return are unrestricted funds that give irreplaceable flexibility.

d. Humanitarian Licensing from Universities Allied for Essential Medicine
   (Meeting date: 3/15/12 – Memo date: 3/22/12)
   CORCL endorsed the general statement of principles that, when appropriate,
   humanitarian concerns should be included into intellectual property license agreements
   and research agreements.

e. Electronic Theses and Dissertations (ETDs) in eScholarship
   (Review by email correspondence – Memo date: 8/30/12)
   CORCL endorsed the proposal from the UCI Libraries to publish UCI’s electronic theses
   and dissertations in eScholarship to improve scholarly communication.

2. Universitywide Issues

a. UC Observatories
   (Meeting date: 2/16/12 – Memo date: 2/24/12)
   CORCL found that, although UC optical astronomy is world class, the high level of
   support at $20M per year for no more than 100 systemwide faculty members is
   unsustainable. The Council had no objections to the January 18, 2012 letter from
   UCORP.
b. **Open Access Policy**  
(Meeting dates: 1/19/12 & 3/15/12)

The proposed Open Access draft policy dated March 1, 2012 was developed by the University Committee on the Library and Scholarly Communication (UCOLASC). It is being distributed for discussion in preparation for an official policy to be drafted and circulated in the Spring and Fall of 2012. The policy proposes that the UC faculty is committed to disseminating its research and scholarship as widely as possible by granting UC permission to make available scholarly articles and to exercise the copyright in those articles. An option to opt out will be available. Open Access would increase availability of research, encourage new models of publications, and is already allowed by core journals. It was reported that there is no downside to implementing the policy. The adopted policy will be incorporated into the Academic Personnel Manual and will be applicable to all academic appointees. UCOLASC is seeking letters of support from all campuses. As of May 2012, the policy was endorsed by the UCSF Divisional Senate.

V. **CONTINUING BUSINESS**

A. **Proposed Change to Cultural Diversity Studies Grant**

Due to the low response to this year’s cultural diversity studies grant, it was proposed that the wording of the call be revised to provide a clearer purpose and to encourage more relevant proposals. The purpose will include public engagement as outcome. Furthermore, it was suggested that the grant be awarded in greater amounts to fewer applicants in order for the program to be more competitive and beneficial. Finally, the Council recommended that priority be given to junior/non-tenured faculty.

VI. **COUNCIL MEMBERSHIP**

**Members:**

- Hugh Roberts, Chair (Fall & Spring) Humanities
- James Brody, Chair (Winter) Engineering
- Lonnie Alcaraz, Arts
- Steven Frank, Biological Sciences
- Markus Ribbe, Biological Sciences
- Joanna Ho, Business
- Paul Gershon, Biological Sciences
- Liane Brouillette, Education
- Lizhi Sun, Engineering
- Taosheng Huang, Health Sciences
- Haoping Liu, Health Sciences
- Catherine Liu, Humanities
- Chen Li, ICS
- Long Chen, Physical Sciences
- Ruqian Wu, Physical Sciences
- John Hipp, Social Ecology
- Kamal Sadiq, Social Sciences
- Keith Topper, Social Sciences

**Representatives:**

- Carol Hughes, LAUC-I
- Scott Sellars, AGS
- Michael Knotts, ASUCI

**Ex Officio:**

- John Hemminger, Vice Chancellor for Research
- Dana Roode, Associate Vice Chancellor, Office of Information Technology
- Lorelei Tanji, Interim 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, Administration & Research Policy

**Council Analyst:**

- Thao Nguyen