UNIVERSITY OF REGINA
Board of Governors

Subject: Report on Research at the University of Regina

1. Status report on the response to the Provincial Auditor’s Report on Research at the University of Regina (PARR) (until implementation is complete)

Update on Research Centre and Institute Reviews. The review of the Humanities Research Institute (HRI) is complete with recommendations for improving visibility and engagement with the HRI, particularly from the traditional humanities disciplines. The current governance and leadership structure is working well.

Two recommendations from the HRI review are expected to be consistent across all reviews:
   1. need for investment in part-time professional staff support and equalization of institutional investment in APT personnel for the University-based centres and institutes
      a. 2 RC&I have full-time APT support;
      b. 2 have a part-time support;
      c. 3 have 0 staff support positions.
   2. improved visibility and development of a single webpage template for all RC&I to use as a nod to the importance, institutional branding, and parity of all RC&I.

The review of the Clean Energy Technology and Research Institute (CETRI) is in progress and will be completed in October 2017. A self-study has been submitted and the review committee struck.

The following process was developed and has been implemented to ensure consistency and comprehensive data collection in the reviews.

Internal Review Questions
Question 1: Does the Centre/Institute align its activity with its constitution? If no, what needs to change, the constitution or the activities?
Question 2: How does the Centre/Institute align with relevant Strategic Plans (Faculty, University, Research)?
Question 3: Would the work carried out under the auspices of the Centre/Institute still occur in the absence of the Centre? Does the original need for the Centre/Institute still exist?
Question 4: Is it feasible for the Centre/Institute to be self-sustaining? If not, what support is required and what are the opportunities for new sources of support?
Question 5: Is there a job description for the Director? What are the expectations for the Director?
Question 6: What is your vision of the future direction of the Centre/Institute? What are the opportunities and challenges do you foresee in operationalizing this vision?

Review Committee Structure
- Chair – Dr. Dena McMartin, AVPAR
1. Centre Director of a complementary centre of the same type (Faculty- or University-Based)
2. Associate Dean Research: representing either the Faculty to which the Centre/Institute is responsible or the University (from an associated research area)
3. Senior Scholars from a related discipline
4. Research Compliance Officer for administrative support

2. Report on the status of action plans to actualize the Strategic Research Plan identified in response to PARR Recommendation 4

Research Strategy Implementation. The Research Strategy Implementation Team, led by the Vice-President Research held the first quarterly portfolio review meeting in early September. The purpose of the meeting is to review progress of initiatives within the portfolio plan, “The VPR’s Portfolio 2016-2021: A Plan for Research Strategy Implementation”. The first quarterly report of progress and status against the portfolio plan will be posted on the University website following the review meeting.
3. **Performance measures with respect to the Strategic Research Plan identified in response to PARR recommendation 5: data for each measure, identification of targets, progress with respect to the targets.**

<table>
<thead>
<tr>
<th>#</th>
<th>Strategic Priority/Strategic Theme</th>
<th>Performance Measure</th>
<th>Performance Measure Definition</th>
<th>2016-17 Final</th>
<th>2017-18 Target</th>
<th>2017-18 Sept.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Research Impact/Sustainability</td>
<td>Research Grants</td>
<td>Total number of active, externally-funded research projects administered by the University through the financial system. Active means either revenue or expenses in the relevant fiscal year.</td>
<td>541</td>
<td>t.b.d.¹</td>
<td>355</td>
</tr>
<tr>
<td>6</td>
<td>Research Impact/Sustainability</td>
<td>Research Revenue</td>
<td>Total research funding received from all active externally-funded research projects administered by the University through a financial system in the given period.</td>
<td>$15.5M</td>
<td>t.b.d.¹</td>
<td>$2.73M</td>
</tr>
<tr>
<td>7</td>
<td>Research Impact</td>
<td>Average of Relative Citations (ARC)</td>
<td>This indicator is based on the number of citations received by an individual paper for a 3-year period following the year of publication. Citation counts are then normalized by the average number of citations received by all papers in the same sub-field. ARC values are 5-year averages (2-year lag).</td>
<td>1.53</td>
<td>t.b.d.¹</td>
<td>1.53</td>
</tr>
<tr>
<td>8</td>
<td>Research Impact</td>
<td>International Research Collaboration</td>
<td>The proportion of total publications co-authored with researchers outside of Canada. Five-year average with a two-year lag.</td>
<td>55.0%</td>
<td>t.b.d.¹</td>
<td>55.4%</td>
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¹Proposals for 2017-18 targets are on the September Board of Governors agenda.
Report on Research at the University of Regina

4. Research highlights since the last report: funding, awards, recognition, major publications, partnerships, etc.

- Mohan Babu, Department of Chemistry and Biochemistry, is the recipient of a Canadian Institutes of Health Research (CIHR) Foundation Grant for $1,977,535. Babu’s project is titled, “Targeting the Mammalian Mitochondrial Interactome to Dissect Macromolecular Assemblies and Pathways in Health and Disease”. Babu’s application was one of 76 funded out of 600 submitted to the 2016-17 competition and was the only successful application from a Saskatchewan university.

- Jennifer Gordon, Department of Psychology, is the recipient of the Banting Research Foundation Discovery Award for $25,000. The funds will support Gordon’s research project on depression and hormones in perimenopausal women. The Foundation annually awards the Discovery Award to “outstanding new investigators in any area of health and biomedical research.” This “seed funding” is also intended for recipients to gather pilot data that will improve their odds of receiving further funding from other sources. The Banting award builds on funding Gordon has already received from the Saskatchewan Health Research Foundation. The Banting Research Foundation is a registered charity that funds health and biomedical research in Canada. Its mission is to invest in the early careers of researchers who demonstrate excellence and creativity in health and biomedical sciences.

- The University of Regina and Northwest University in Xi’an, Shaanxi, China have entered into a partnership agreement to strengthen research into and development of carbon capture, usage and storage (CCUS). The MOU establishes the China-Canada Low Carbon School program, an initiative which encourages cooperation between the two universities in academic and professional development related to CCUS.

- Christine Chan, Professor and Canada Research Chair (Tier 1) in Energy and Environmental Informatics, is one of 52 from across Canada to be inducted as a new Fellow in the Canadian Academy of Engineering. A ceremony was held in Ottawa June 26, 2017, at the Canadian Academy of Engineering’s annual meeting. The Academy praised Chan for her “major contributions to the education of engineers and research in information technology and applied artificial intelligence. She is an international researcher who has done pioneering work in engineering applications of artificial intelligence.” Chan has become the first female Fellow of the Academy at the University of Regina.

- According to an international report, the University of Regina ranks within the top one per cent in the world for academic citations in five out of 22 research fields. The 2017 Essential Science Indicators report, from Thomson Reuters’s InCites analytics tool, tracks highly cited academic papers all over the world. The statistics are gathered from the previous ten years of data. The University of Regina ranked within the top one per cent in the following research fields, as set by Thomson Reuters: physics, environment/ecology, engineering, psychiatry/psychology, and social sciences.