**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)*

IP Policy has been revised, is in consultation phase with other departments on campus.

Research Centre reports are being reviewed in the Winter 2016 term.

The presentation by the President and the Vice-President (Research) at the last Public Accounts Committee meeting in January was well-received.

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

**Strategic Research Plan.** The Strategic Research Plan (SRP) working group has been meeting monthly since December on creating the SRP 2016-2021. A preliminary 11-page document aligned with and building upon the University’s strategic plan has been prepared. From this point, the committee will refine this document into a first draft that will be distributed to internal and external stakeholders for review and revision with an expected completion date of September 2016.

A list of action plans to actualize the current SRP (2010-2015) was developed in response to PARR Recommendation 4. With a new SRP being created, the list will need to be refreshed. As a more fundamental response to Recommendation 4, the preliminary SRP document includes a strategic objective aimed at developing processes, procedures and tools to help ensure the University’s strategic research plan is actualized. Proposed actions supporting this objective include communicating the strategic research plan to University faculty and researchers; developing annual plans to provide more detail on how the strategic research objectives will be achieved; developing a comprehensive and complete set of measures of success to demonstrate achievement; and, reporting on progress and results to the Board of Governors and the broader University community. It is proposed that annual research / research support plans be developed by the Research Office; by the Office of Vice-President (Research) which will include strategic research clusters and university-based centres/institutes; and, by Faculties including the Faculty of Graduate Studies and Research and faculty-based research centres/institutes. Formal annual planning of this nature is not currently an established practice at the University and work will be required over the next five years to mature this capability.

**International Research Plan.** A proposed Internationalization Plan (2016-2021) for the University with a strong research component within it is being brought forward to the February 24 meeting of Executive of Council with a motion for approval. A second document focusing on policies and procedures for international research will follow.

**Enhancing Support for Tri-Council Applications.** The Research Office has completed a plan to enhance support and increase tri-council applications and success rates.
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>Measure Definition</th>
<th>2015-16 Target</th>
<th>Mid-Year Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Research Impact/Sustainability</td>
<td>Tri-Council Grants</td>
<td>Total number of tri-council grants and Canada council grants held by faculty in the University’s fiscal year</td>
<td>219 grants</td>
<td>183</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Research Impact/Sustainability</td>
<td>Research Revenue</td>
<td>Total Research Funding (contracts and grants) earned from all sources in the University’s fiscal year.</td>
<td>$24.7 MM</td>
<td>$5.6MM*</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Research Impact</td>
<td>Normalised Citation Impact (NCI)</td>
<td>The NCI measures the quotient of an observed citation rate or impact of an institution and an expected citation rate for the institution or country (i.e., it compares the performance of an institution to the average performance of the world). Published by Thompson-Reuters InCites.</td>
<td>1.65</td>
<td>1.49</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Research Impact</td>
<td>International Collaboration</td>
<td>This statistic represents the proportion of total publications at each institution during the period of 2008-2012 that were co-authored with researchers outside of Canada and is based on universities on the 2014 Top 50 Research Universities list that had a total of 250 or more publications over the 5-year period. Publication data were obtained from Observatoire des sciences et des technologies’ (OST) Canadian bibliometric database which contains data from the SCI-Expanded, SSCI and AHCI databases of Thomson Reuters.</td>
<td>55 % of all research publications with an international affiliate</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

* This figure is lower than might be expected given the number of tri-council grants to date. However, tri-council funds are received in April, so will not show up as revenue until the end of the University’s fiscal year.
4. Research highlights since the last report: funding, awards, recognition, major publications, partnerships, etc

- The Canada First Research Excellence Fund application mentioned in December’s report was approved to go to the full proposal stage. 51 applications were received, and 30 were chosen to go forward. The University of Regina is one of only 4 comprehensive universities whose proposals were selected for development of a full application. The application is due March 29, and its development will involve multiple areas across campus.
- Guoxiang Chi, Geology, Research contract with AREVA to investigate Thermal – Hydraulic – Mechanical – Chemical (THMC) modeling of fluid flow and its control on localization of Uranium deposits in the Northeastern Athabasca Basin, SK ($200,000)
- David Sauchyn, Prairie Adaptation Research Centre, Research contract with Environment Canada to study Water Resource Challenges for Agricultural Productivity in a Warmer Climate for the Canadian Prairies ($60,000)
- Mehran Mherandezh, Engineering and Applied Sciences - Natural Sciences and Engineering Research Council (NSERC) Engage grant, Data-driven Adaptive Control of the Heating Process used for Enhanced Oil Recovery ($25,000)
- The Economic Transformation of Turkey: Neoliberalism and State Intervention by Dr. Nilgün Önder, Arts, received significant attention in the Hürriyet Daily News, the oldest English language daily newspaper in Turkey.
- The University of Regina hosted a National Roundtable on Post-Traumatic Stress Disorder (PTSD) and other operational stress injuries affecting public safety personnel. The day was attended by the Honourable Ralph Goodale, Minister of Public Safety and Emergency Preparedness, Michel Picard, Parliamentary Secretary to the Minister of Public Safety and Emergency Preparedness, academics across Canada, and representatives from various governments and organizations and interested partners, such as the leadership within fire, police and paramedic associations.
- Yiyu Yao, Computer Science, was ranked by Thomson Reuters as one of the most cited researchers in his subject field for 2015.
- Gordon Asmundson, Psychology, and Holly Parkerson, Psychology PhD candidate, launched a free online support system to help Canadians quit smoking as part of the Guide to Quit research project funded by the Canadian Institutes of Health Research.
- Mark Vanderwel, Biology, was part of a team of researchers whose study on tree competition was published in Nature, the most highly-cited scientific journal in the world.
- Tanya Dahms, Chemistry and Biochemistry, was featured in a Nature.com web cast in December, 2015.