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

The Provincial Auditors reviewed progress to date, working with University staff from January to March 2017. Their final report indicates that 23 of the 26 recommendations from 2013 have been fully implemented. The three remaining recommendations (defining specialized resources, using and applying the definition of specialized resources, and completing a review of operations and classifications of research institutes) are partially implemented.

The Research Office is working with the Johnson-Shoyama Graduate School of Public Policy regarding its definition of specialized resources. Once it has been approved, two of the remaining three recommendations will be complete. The Research Office is working with the Associate Vice-President (Academic and Research) on the Centre review schedule.

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

Implementation Planning. The Office of the Vice-President (Research) in collaboration with stakeholders continued work on developing a multi-year plan for research-related implementation of the University’s strategic plan and the Strategic Research Plan 2016-2021. A draft of the plan has been completed and it is expected to be finalized early in May. The plan will be shared with the University community over the months of May and June 2017.

The intent moving forward is to report progress on the plan quarterly and to update the plan annually. Discussions on similar plans have begun with the University’s research centres and institutes and Faculties. It is hoped that the VPR’s plan serves as a demonstration of strategy implementation that can be followed by other units over the next few years.
Report on Research at the University of Regina

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>2015-16 Final</th>
<th>2016-17 Target</th>
<th>2016-17 April</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Research Impact/Sustainability</td>
<td>Tri-Council &amp; Other Provincial/Federal Grants</td>
<td>Total number of tri-council, Canada Council, and other provincial/national funding agency/foundation grants currently held by faculty</td>
<td>195</td>
<td>210 awards</td>
<td>211</td>
</tr>
<tr>
<td>6</td>
<td>Research Impact/Sustainability</td>
<td>Research Revenue</td>
<td>Total research funding (contracts and grants) earned from all sources, including awards made directly by Canada Council and other agencies/foundations</td>
<td>$18.3M</td>
<td>$22M</td>
<td>$11.1M</td>
</tr>
<tr>
<td>7</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.</td>
<td>1.46</td>
<td>1.65</td>
<td>1.41 (^1)</td>
</tr>
<tr>
<td>8</td>
<td>Research Impact</td>
<td>International Collaboration</td>
<td>The proportion of total publications co-authored with researchers outside of Canada. Data obtained from l’Observatoire des sciences et des technologies’ (OST) Canadian bibliometric database. Calculated over a multi-year period (2010-14).</td>
<td>55%</td>
<td>56%</td>
<td>56% (^2)</td>
</tr>
</tbody>
</table>

\(^1\)Note – NCI (2008-2014) for UofS, York, Carleton, Memorial, Concordia, UofR, UNB, and Windsor. UofR NCI was highest among these universities for impact factor and % cited. This was across all research disciplines.  
\(^2\)UofR ranked highest among the following: Brock, Carleton, Concordia, Memorial, Ryerson, Simon Fraser, UQAM, Guelph, UNB, UofR, Waterloo, Windsor, Wilfrid Laurier, Victoria, and York.
4. Research highlights since the last report: funding, awards, recognition, major publications, partnerships, etc.

- A team of UofR and UofS researchers led by Esam Hussein (Engineering and Applied Science) is looking into issues related to establishing small nuclear reactors. The $1.1 million interdisciplinary project is being funded by the Sylvia Fedoruk Canadian Centre for Nuclear Innovation.

- Funding totalling nearly $900,000 to purchase state-of-the-art research tools for two projects led by Chris Somers, Richard Manzon, Chris Yost and Andrew Cameron (all from Biology) was received. The funding came from the Canada Foundation for Innovation’s (CFI) John R. Evan Leaders Fund (JELF) and was matched by Innovation Saskatchewan’s Innovation and Science fund with cash and in-kind contributions from the Faculty of Science and participating vendors.

- Indigenous research in the Faculty of Education received a recent funding boost with four awards. Angela Snowshoe is the successful recipient of a CIHR Indigenous Approaches to Wellness research grant in the amount of $145,789 for her project "(Re)Connecting Animal-Human Relationships as a Doorway to Indigenous Wellness." Dr. Snowshoe's application was ranked in the top 10 of all grants submitted to this competition. JoLee Sasakamoose received an award in the amount of $117,422 from the National Indian Brotherhood (NIB) Trust Fund for her project entitled "Indigenous Wellness and Land Based Therapies". Andrea Sterzuk and Cindy Hanson were co-applicants on two separate and successful SSHRC Knowledge Synthesis Grants in the amount of $24,000 each. Dr. Sterzuk's project with colleagues from McGill is titled "Ethical relationality, Canadian applied linguistics and Indigenous language revitalization." Dr. Hanson's project is entitled "Two-eyed seeing and intersectionality: Reconciling research approaches."

- Kerri Finlay, Peter Leavitt and Gavin Simpson (Biology) along with Helen Baulch (UofS) were awarded $235,030 from the Saskatchewan Ministry of Agriculture’s Agriculture Development Fund to study the role of agricultural dugouts in greenhouse gas capture.

- The University of Regina took part in the AIMDay® Minerals 2017 event organized by the University of Saskatchewan and the International Minerals Innovation Institute (IMII), in collaboration with the University of Regina and Saskatchewan Polytechnic. This event, first of this format in North America, matched mining industry participants with researchers to help find solutions for industry-driven problems. Five UofR researchers from Engineering were chosen to develop preliminary project proposals to address specific industry challenges.

- A book jacket designed by Duncan Campbell, art director at U of R Press has been chosen as one of the top book jacket designs of 2016 by the American Association of University Presses. Reading from Behind – A Cultural Analysis of the Anus by Jonathan A. Allan and published by U of R Press, is one of 50 covers chosen as the best from across North America among scholarly presses.

- The Centre on Aging and Health’s contributions to improving health care for Saskatchewan’s seniors are among the highlights in Impacting Seniors’ Health – The Value of Aging-Related Research in Saskatchewan, a publication produced by the Saskatchewan Health Research Foundation (SHRF). UofR researchers listed in the publication include: Abigail Wickson-Griffiths (Nursing), Bonnie Jeffery (Social Work), Thomas Hadjistavropoulos (Arts), and John Barden, Darren Candow, Rebecca Genoe,
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David Malloy and Shanthi Johnson (Kinesiology and Health Studies) and Carrie Bourassa, Health Sciences North Research Institute.

- The book *Celebrating Canada: Holidays, National Days the Crafting of Identities* edited by Raymond Blake (History) and Matthew Hayday (University of Guelph) was launched in March.
- An interdisciplinary team of researchers from the University of Regina and the University of Saskatchewan has created a potent new synthetic antibiotic in the lab that is effective against several drug-resistant pathogens such as the bacteria responsible for Staph infections and other difficult-to-treat human infections. The discovery is described in a recent joint paper published in Scientific Reports, an online, open access journal from the publishers of Nature. John Stavrinides (Biology) and Brian Sterenberg (Chemistry and Biochemistry) initiated the work several years ago.