

**COUNCIL COMMITTEE ON RESEARCH
AGENDA**

Wednesday, March 9, 2016 at 10:00am-12:00pm
110.3 Paskwāw Tower

	Agenda Items	Materials
1	Introductions	
2	Approval of Agenda	
3	Approval of the Minutes of January 13, 2016	<i>Appendix A</i>
4	Chair's Report (A. Volodin) a. Approval of Research Chairs Policy at Executive of Council	
5	Vice-President (Research) Report (D. Malloy) a. CRC Competition	
6	Policy on Ad-Hoc Committee (N. Önder)	
7	Research Impact Subcommittee Report (N. Önder)	
8	MAP: Regina Improvisation Studies Centre (Approval of new faculty-based research centre) (R. Caines)	<i>Appendix B Appendix C</i>
9	JSGSPP: Canadian Institute for Science and Innovation Policy (CISIP) (Approval of new research centre) (K. McNutt & P. Schmeiser)	<i>Appendix D</i>
10	Other Business	
11	Adjournment	

CCR Sub-Committees	
Standing - CFI - NSERC Research Tools and Instruments - Research Trust Fund/Sabbatical Research Grant	Ad-hoc - Research Impact - Research Space Allocation - Terms of Reference

Distribution	
Dave Malloy, VPR Dena McMartin, AVP Armin Eberlein, Graduate Studies and Research Sally Gray, Director of ORIP Justin Longo, JSGSPP Nilgun Onder, Arts Ron Camp, Business Administration Andrea Sterzuk, Education Amr Henni, Engineering & Applied Science Kathleen Irwin, Fine Arts Darren Candow, Kinesiology & Health Studies Glenn Donnelly, Nursing	Cory Butz, Science Miguel Sanchez, Social Work Cara Bradley, Library Anna Mudde, Campion College Andrew Miller, First Nations University of Canada Mary Hampton, Luther College Christian Riegel, Director HRI Chris Somers, CRC Rep. Andrei Volodin, CHAIR, Math & Stats Joan Wagner, Nursing Jessica Butt, GSA

COUNCIL COMMITTEE ON RESEARCH

Minutes of the Meeting of
January 13, 2016 (110.3 Paskwāw Tower)

Present: A.Volodin (Chair, Math/Stats), D.Candow (KI), D.McMartin (AVPAR), A.Eberlein (FGSR), J.Wagner (NU), M.Hampton (LU), S.Gray (Research Office), N.Onder (AR), D.Malloy (VPR), J.Longo (JSGSPP), C.Butz (SC), A.Henni (EN), C.Bradley (LI), C.Somers (CRC), A.Sterzuk (ED), C.Riegel (HRI), G.Donnely (NU), R.Camp (BU), M.Sanchez (SW)

Resource: J.Speed (Research Office), recorder

Regrets: A.Miller (FNUniv), K.Irwin (FA), J.Butt (GSA), A.Mudde (CA)

Visitors: R.Deschamps (Consultant, Research and Development)

1. Introductions

2. Approval of Agenda

Wagner/Hampton - *moved approval of the agenda.*

CARRIED

3. Approval of the Minutes of September 21, 2015

Butz/Hampton – *moved approval of the minutes.*

CARRIED

4. Chair's Report (A.Volodin)

a. Update on Sub-Committee Members

- Research Impact Committee – Nilgun Onder has agreed to Chair this committee. Andrei asked for a short report from Nilgun at the next CCR meeting.
- Sub-sub-committee on Non-Traditional Research Impact – Chris Somers has agreed to serve on this committee. Somers and Marc Spooner met before Christmas. They have divided the faculties in half to evaluate how the faculties assess research impact and will synthesize results.
- Research Trust Fund Committee – Andrea Sterzuk has agreed to serve on this committee.
- Research Impact Ad-hoc group – Andrea Sterzuk has agreed to Chair this committee.

b. Representation of Associate Deans on CCR Subcommittees

- In the past, our subcommittee members have been CCR members and sometimes non-members. Especially for subcommittees that make grant decisions, having Associate Deans on the subcommittees ensures that decisions are made that align with our focus and direction as a university. Associate Deans also know what faculties can offer regarding resources.
- Members agreed that it would be beneficial to have a mix of CCR members and Associate Deans on committees to ensure that non-Associate Deans continue to get experience on subcommittees.
- This is not a requirement in the terms of reference.

5. VPR Report (D.Malloy)

Introduction of Raymond Deschamps, who will attend CCR meetings as required. Raymond talked about his role at the U of R and left the meeting.

a. Guidelines for VPR Discretionary Funds

- A transparent process for allocation of discretionary funds will be posted to the university website, along with the application form.
- VPR Discretionary Funds are for projects outside of the President's Fund or Cluster & Innovation Funding. Researchers submitting applications to granting agencies may request VPR funding if their proposal is accepted.

b. Guidelines for SaskPower Funding (NSE & SSH): Clean Energy Research Funding

- A new Clean Energy Research grant with a March 1 deadline has been launched. Requests will be adjudicated.
- The guidelines and application forms will be posted to the university website.
- It was noted that the SSH application form indicated \$5,000 maximum funding, however, this will be changed to \$10,000 before being posted to the website. Projects that exceed this amount will still be considered. There is no maximum value for the NSE application since equipment costs will typically be higher.

c. Cluster and Innovation Funding

- \$50,000 will be available for Cluster Funding and \$25,000 for the Innovation Fund, with deadlines in the 2016-17 year.

d. Internal Funding Eligibility for APT Researchers

- Seeking advice from CCR regarding eligibility of APT researchers to receive internal funding.
- There are three full time APT researchers at the university (Faculty of Science), so requests wouldn't be overwhelming.
- Discussed allowing all tri-council eligible staff to apply, however, SSHRC eligibility is rather open-ended. It is also necessary to consider that faculty members are required to do research and it is essential for their careers, so they should be given priority. APT researchers report to a faculty member who is eligible for funding. Commitment should be to faculty.
- CCR members felt that APT researchers should be considered eligible, although preference will be given to faculty. If this is not already covered by the terms of reference, they should be adjusted to indicate that APT staff are eligible, however, preference will be given to faculty. Language that is discouraging should be avoided.

e. Updates

- CFREF: Major proposal has been put together and we will hear this month as we have successfully moved on from the LOI stage. There is a March deadline, so the university will put all resources toward this. The grant sizes are expected to be much bigger this year.
- Strategic Research Plan: Committee is creating draft for university feedback. Raymond Deschamps will be instrumental in keeping this on track.

- Town Hall: Town Hall budget meeting on Jan 14. Research is doing well: we are up in contracts, grants, tri-council funding, and overall research funding considering a comparison to the previous four years. Graduate student numbers are also on the incline.
- Subcommittee on Lab Space Allocation: CCR previous had a Subcommittee on Lab Space Allocation. The subcommittee should re-group to discuss if there is a problem with lab space on campus, or if there is a problem with active lab space on campus. We need to ensure lab spaces are being used efficiently. Researchers do not own lab space, so we need criteria to evaluate whether or not the space is being used effectively. Some indicators may be publications, grad funding, and HQPs. We will need to communicate any changes in advance to ensure there is clear communication. Different faculties have different needs, however, there should be some general guidelines to govern the use of lab space. We could use the model of CFI-funded space, where space goes to the applicant, but is considered communal space that is shared with other researchers and then allows them to share resources as well. Another benefit to a large central lab would be hiring techs and support staff. Perhaps we need to figure out which labs could possibly be a part of this. We will consider putting together a subcommittee.

6. RTI Subcommittee Report (C. Butz)

- The Research Tools and Instruments (RTI) Grants subcommittee met in October 2015 and recommended five applications be forwarded to NSERC, in accordance with the University of Regina's quota of applications.

7. RTF Subcommittee Report (R. Camp)

- The Research Trust Fund Subcommittee met in November 2015 and recommended one application for funding.

8. Draft Policy on Research Chairs (D.McMartin)

- The Policy has already been seen and approved by CCR, but some revisions have been made based on feedback from Executive of Council, including responsibilities of executives, government requirements, and adding a statement under the policy about academic freedom that clearly indicates that this policy will not impact academic freedom.
- A typo was noted as appearing a couple times throughout the document.
Wagner/Camp - moved to recommend the Policy to Executive of Council for consideration

CARRIED

9. Other Business

- None.

10. Adjournment

Hampton – moved to adjourn.

CARRIED

Research Institutes and Centres

Category: Research
Number: RCH-010-005
Audience: All University employees or Researchers
Revised: July 07, 2015
Owner(s): VP (Research)
Approved by: Board of Governors
Contact: Vice-President (Research) - 306-585-5184

Introduction

The University of Regina values the strengths and contributions of its research institutes and centres and seeks to ensure their success as a vital part of the University's research mandate.

In keeping with good governance, this policy provides for the creation, management and disestablishment of University of Regina research institutes and centres.

Policy

Purpose of Research Institutes and Centres

The prime objective of a [research institute or centre](#) is the generation of research product and knowledge. However, a research institute or centre may also have important non-research co-objectives, such as teaching or training, dissemination of research, or public service.

Types of Research Institutes and Centres

The University has two types of research institutes and centres:

1. Faculty-based, under the oversight of the relevant dean and the authority of the Vice-President (Research); and,
2. University-based, under the authority of the Vice-President (Research).

As research orientation and activities evolve, it is possible that it becomes advantageous to convert an initially faculty-based institute or centre to university-based status, or vice-versa. In such a situation the relevant dean and the Vice-President (Research) may recommend this change to the Board of Governors.

Funding

Research institutes and centres are encouraged to seek out external funding so far as possible. Notwithstanding, the University may provide operating funding and in-kind support so far as competing priorities allow.

Duration of Research Institutes and Centres

Research institutes and centres are expected to have longevity.

Leadership and Accountability of Research Institutes and Centres

Every institute or centre shall have a director with administrative responsibility for the institute or centre. The director shall report either to a faculty dean in the case of a faculty-based institute or centre or to the Vice-President (Research) in the case of a university-based institute or centre. Appointments as a director of a research institute or centre will normally be for three to five years. Re-appointments are possible with the approval of the relevant authority.

A director who is a faculty member of the University will continue to receive applicable benefits and privileges. Course release or other compensatory workload reduction may be agreed upon, depending on individual circumstances. Where the director is out of scope, benefits and privileges will be defined in the applicable appointment letter and by the relevant University policies.

Where a director of a university-based research institute or centre is a faculty member, the Vice-President (Research) shall forward an annual assessment of the director's performance to the relevant faculty dean as input into the faculty performance review process. This assessment will be shared with the director.

Research Institutes and Centres and Academic Programming

A research institute or centre may contribute to undergraduate, graduate, or other training (such as internships) related to ongoing research programs. However, while academic programs may be supported by a research institute or centre, such programs shall not be housed or administered by a research institute or centre.

Multi-Institutional Arrangements

At times it may be advantageous for a research institute or centre to enter into a formalized arrangement (such as a partnership or other relationship) with an entity or entities external to the University. Such arrangements may be subject to formal agreement signed by the Vice-President (Research) or other authority depending on the arrangement contemplated.

A University of Regina research institute or centre may be co-housed at another institution. In such situations, the relevant authority will work with the director to minimize unnecessary duplication in reporting or review processes (for example, an institute or centre annual report or review could be designed to meet the criteria of all administering institutions).

Signing Authority

The relevant authority will provide an incoming institute or centre director with a document defining the director's signing authority.

Financial Structures

An appropriate research institute or centre account structure will be set up in consultation with Financial Services.

Office of Record

The Office of the Vice-President (Research), or its designate, will hold copies of reviews and annual reports of both university-based and faculty-based research institutes and centres.

Policy Compliance

Research institutes and centres shall conform to University policies and procedures.

Consequences for Noncompliance

If a research institute or centre does not meet the requirements outlined in this policy, a full review may be conducted and the research institute or centre may be disestablished.

Processes

Establishment of a New Research Institute or Centre

The following are the steps to establish a new research institute or centre:

1. The relevant authority, in consultation with the Council Committee on Research, reviews foundation documentation (described below) and forwards the relevant documentation with a recommendation to establish a new research institute or centre to Executive of Council
2. Executive of Council recommends on the matter to Senate
3. Senate approves the establishment of the research institute or centre and makes a recommendation to the Board of Governors
4. The Board of Governors makes a decision to establish the research institute or centre

Foundation Documentation

Comprehensive foundation documentation is essential before approval of a new research institute or centre. The documentation should be complete enough to justify the need for a new institute or centre, demonstrate its viability, and guide the management of the new institute or centre over its initial years of existence. At a minimum, the documentation should include:

- name of the institute or centre

- rationale for, and purpose of, the institute or centre
- an analysis of the institute or centre's fit within the University's strategic research priorities
- management structure of the institute or centre, including clear lines of authority and responsibility
- anticipated duration of the institute or centre (this may be indefinite or for a specified term – if for a defined term, plans for institute or centre wind up should be included)
- a budget for at least the first three years of operation of the institute or centre, including anticipated revenues from all sources and all operational costs
- a description of physical resource needs (such as office or laboratory space)
- projected staffing requirements
- a risk assessment and risk management strategy, particularly for budget shortfalls
- a definition of institute or centre membership, and membership categories
- terms of reference for an advisory committee for the institute or centre, if applicable
- envisioned relationships with existing University entities and with entities external to the University
- projected contributions, if any, to University goals other than research (such as contributions to teaching and training or to public service)
- performance metrics against which the institute's or centre's progress and success will be measured (e.g. external funding, publications, graduate student numbers, community service)

Once a new institute or centre is approved and a director appointed, the foundation documentation should be viewed as a living template and ongoing guide for institute or centre operations.

In response to changing circumstances and opportunities, changes to the foundation documentation can be recommended, typically as part of a review or annual report. In accepting proposed changes to foundation documentation, the relevant authority will use his/her good judgment as to whether the proposed changes are so fundamental as to require approval from the Board of Governors.

Disestablishment of a Research Institute or Centre

Research institutes or centres may be disestablished via either of two mechanisms:

1. In the case of a research institute or centre with a prescribed termination date, the institute or centre will cease to exist as of that date; or,
2. In the case of a research institute or centre with no prescribed termination date, the institute or centre may be disestablished by the Board of Governors.

The relevant authority may recommend disestablishment, giving due consideration to consultations with the relevant director, the Council Committee on Research, and key institute or centre partners. In the case of disestablishment under (2) above, reasonable notice will be given so as to allow for the orderly winding up of institute or centre affairs.

Reporting

Research institutes and centres shall report annually on activities. The director of a research institute or centre is responsible for preparing the annual report and providing it to the relevant authority. Unless otherwise mutually agreed by the director and the relevant authority, the annual report due date for the University year ending April 30 will be June 30 of the same year.

Deans will forward a copy of the annual report of a faculty-based institute or centre to the Office of Record.

Unless otherwise mutually agreed by the director and the relevant authority, the annual report will include, at a minimum:

- an application of the specific performance metrics found in the institute or centre's foundation documentation, including a discussion of progress on meeting performance objectives
- a listing of publications attributable to institute or centre activities
- a listing of presentations and workshop and conference activity attributable to institute or centre activities
- a listing of communications or media activities attributable to institute or centre activities
- an assessment of any outreach or public service activities attributable to institute or centre activities
- a listing of contributions to undergraduate, graduate or internship training
- a university-year financial statement noting all monies received and expended by the institute or centre in each of its University accounts (i.e. FOAPALs)
- an assessment of the status and continued viability of the institute or centre

Where the relevant authority deems it advisable, the relevant authority may direct a research institute or centre director to prepare an interim report at any point in time between institute or centre annual reports. In so doing, the relevant authority will define the nature and scope of the requested information. The interim report, and where useful an assessment of it by the relevant authority, may be provided to the Board of Governors.

Internal Review

The director of a research institute or centre is responsible for preparing an in-house review and providing it to the relevant authority. An internal review shall take place at any point in time on the request of the relevant authority, and at least every five years. The relevant authority shall provide a director with at least 90 days' notice of an internal review due date. Unless otherwise mutually agreed by the director and the relevant authority, an internal review is based on all the elements of the annual report, plus, at a minimum, the following additional components:

- an assessment of the institute or centre's progress since the most recent review, based on the specific performance metrics found in the institute or centre's foundation documentation

- an analysis of the institute or centre's fit within the University's strategic research priorities
- an assessment and recommendation as to whether any of the institute or centre's foundation documentation, management structure, membership categories, or performance measures should be amended to respond to new realities
- a summary of all revenues and expenditures since the most recent review
- an analysis of challenges and opportunities over the next three to five years
- a strategy for the next three to five years to address challenges and opportunities
- a recommendation as to the continuance, restructuring, or disestablishment of the institute or centre

Upon receipt and consideration of the in-house review, the relevant authority may:

- approve the internal review;
- request further information; or,
- initiate an external review.

Deans will forward a copy of the in-house review of a faculty-based institute or centre to the Office of Record.

External Review

At any point in time the [relevant authority](#) may initiate an external review.

An external review involves comment, analysis and recommendations by an appropriate external individual or entity (either external to the institute or centre, external to the relevant faculty, or external to the University) selected and engaged by the relevant authority. Details of the external review may differ as defined by the relevant authority, but typically may include:

- an analysis of the institute or centre's research performance
- an analysis of the institute or centre's non-research contributions to the University
- an analysis of the institute or centre's fit within the University's strategic research priorities
- a funding and expenditures summary over the lifetime of the institute or centre (or since the previous external review)
- a research plan over the next five years
- a funding and expenditures projection over the next five years
- confirmation the institute or centre's current management structure is appropriate or recommendations for changes to the management structure
- a recommendation as to the continuance, or restructuring, or disestablishment of the institute or centre

Upon receipt and consideration of the external review, the relevant authority may accept the review or request further information.

Deans will forward a copy of an external review of a faculty-based institute or centre to the Office of Record.

Related Information

- [RCH-030-010 Budgetary Limits on Spending Research Funds](#)
- [OPS-010-050 Fiscal and Research Year Ends](#)
- [RCH-030-005 Research Cost Recovery](#)

Motion

That the Regina Improvisation Studies Centre be set up as a University Research Centre (Faculty-based) in the Faculty of Media, Art, and Performance, effective Fall 2016, for the period of 2016-2021.

Rationale

Establishing this Centre formally will allow better recognition for the high impact research work done in the Faculty in the area of improvisation studies. It will formalize the processes and procedures and allow the Faculty and University to guide the Centre as it moves forward. Details on processes and procedures are laid out in the Foundation Document attached as supporting material.

February 23, 2016

Dr. Andrei Volodin, Chair
Council Committee on Research
Research Office
Research and Innovation Centre
Main Floor, Room # 109
University of Regina
Regina, SK S4S 0A2

Dear Dr. Volodin:

I am writing to advise Dr. Rebecca Caines has full support from myself and the Faculty of Media, Art, and Performance for the Regina Improvisation Studies Centre to be set up as a University Research Centre (Faculty-based) in the Faculty of Media, Art, and Performance, effective Fall 2016, for the period of 2016-2021. It was officially (unanimously) passed at the MAP Faculty Council meeting on February 10, 2016. As per the motion below:

Motion - That the Regina Improvisation Studies Centre be set up as a University Research Centre (Faculty-based) in the Faculty of Media, Art, and Performance, effective Fall 2016, for the period of 2016-2021.

Rationale:

Establishing this Centre formally will allow better recognition for the high impact research work done in the Faculty in the area of improvisation studies. It will formalize the processes and procedures and allow the Faculty and University to guide the Centre as it moves forward. Details on processes and procedures are laid out in the Foundation Document as supporting material.

K. Irwin/C. Stojanova **CARRIED.**

We are very excited to see the Regina Improvisation Studies Centre become recognized as a Faculty-based research centre.

Regards,



Rae Staseson
Dean, Faculty of Media, Art and Performance

RS/md

Establishing the Regina Improvisation Studies Centre as a Faculty-Based Research Centre, in the Faculty of Media, Art, and Performance, at the University of Regina

Context for this Document:

As per University of Regina “Research Institutes and Centres Policy,” RCH-010-005, 2015, a comprehensive foundation documentation is essential before approval of a new research institute or centre. The documentation should be complete enough to justify the need for a new institute or centre, demonstrate its viability, and guide the management of the new institute or centre over its initial years of existence.

Link to Policy: <http://www.uregina.ca/policy/browse-policy/policy-RCH-010-005.html>

Since 2013, a group of researchers based in the Faculty of Media, Art and Performance, have been working together as the Regina site of the SSHRC Partnership “The International Institute for Critical Studies in Improvisation”, under the title “The Regina Improvisation Studies Centre”. This group has been managed and supported by the Faculty, and has been guided by the national management team of the SSHRC Partnership. This Partnership is scheduled to continue operating until 2020.

This Foundation document has been prepared seek approval to formalize this research site as a formal, University of Regina Research Centre (Faculty-based); to continue to be based in the Faculty of Media, Art. This is requested in order to acknowledge the high impact research taking place in MAP in this area, formalize activities, better publicize the work being done, and provide formal guidance as the researchers and their community partners become more active.

Foundation Document

1. Name of the institute or centre:

Regina Improvisation Studies Centre

2. Rationale for, and purpose of, the institute or centre:

Background and Structure

In 2013, the University of Regina signed a MOU along with four other universities and one foundational partners to form a seven-year SSHRC funded partnership entitled the International Institute for Critical Studies in Improvisation (IICSI). Partners include University of Guelph, McGill University, University of British Columbia, Memorial University Newfoundland, and the Musagetes Foundation. In 2014, University of California, Santa Barbara was added to the partnership. Each site in the partnership established a local site for their research activities, and each site director represents their site on the national Management Team for the grant. Each site has a number of researchers working on the project, as well as a number of local community partners. Each site receives a portion of the funding yearly, as well as having ongoing access to wider grant funds through applications to the Management Team. Each site employs graduate and undergraduate students to support the research, and also has one-two postdoctoral research fellowships included in their funding allocation.

The Regina site has been hosted by the Faculty of Media, Art, and Performance (MAP-formerly Fine Arts) since 2013, and has been directed by Dr. Rebecca Caines, Associate Professor in Creative Technologies/Interdisciplinary Programs. The Regina research team includes ten researchers (most from MAP), and it has five formal community partners, as well as sustaining a number of informal artistic partnerships with local arts organizations (list of current researchers and partners below). Many of the IICSI sites, including Regina, have established local centre names that distinguish the local activity to the wider public; in Regina, the site is known as the Regina Improvisation Studies Centre.

Note: Narrative examples from completed, or ongoing research by the Centre's current members are included throughout this document, in order to provide detail on research activities specific to the Regina site (these are marked with italics).

Current Researchers:

- **Rebecca Caines**- MAP, Creative Technologies
- **Charity Marsh**- MAP, Creative Technologies and Canada Research Chair
- **Kathleen Irwin**- MAP, Department of Theatre
- **Sheila Petty**- MAP, Department of Film
- **Helen Pridmore**- MAP, Department of Music/Creative Technologies

- **David Gerhard**- Faculty of Science, Department of Computer Science, and Adjunct in the MAP Department of Music
- **Pauline Minevich**- MAP, Department of Music
- **Mia Perry**- School of Education, University of Glasgow (previously Faculty of Education)
- **Jo-Ann Episkenew**- IPHRC, First Nations University of Canada
- **Mark Campbell**- Independent researcher, previously Banting Postdoctoral Fellow, working with Charity Marsh
- An additional postdoctoral research fellow will be employed in 2016, and will be invited to join the Centre as a researcher

Current Community Partners:

- **Creative City Centre**
- **RQHR Wascana Rehabilitation Centre** (through Native Health Services, and Music Therapy)
- **Common Weal Community Arts**
- **The Indigenous People's Health Research Centre**
- **The Interactive Media and Performance Labs**

Local, Informal Partners (working with the Centre on one-off or short term projects):

- Sâkêwêwak Artist Collective Inc.
- Holophon Audio Arts
- Regina Public Library
- REACTING Improvisation Group (informal group of professional artists)

Mandate of the Centre:

- Mandate: The Regina Improvisation Studies Centre examines the social impact of improvisation; with reference to improvised artistic practices, and to improvisation taking place in other disciplines; with a special focus on Saskatchewan cases. It is one site of the multi-site International Institute for Critical Studies in Improvisation and works primarily on three national themes: practice-based research into innovative improvisatory activities, improvisation and health, and improvisation and emerging technologies.

- Full information on the wider SSHRC partnership can be found here: www.improvisationinstitute.ca.

Research Priorities:

1. Practice-based Research

Research on improvisation as a social practice is necessarily “practice based”; it manifests as research in performance, community outreach, social policy, pedagogy,

therapeutic modes, technology, and other forms of embodied agency. Practice-based Research (PBR) methodology shares in the belief that artistic practice is itself a mode of knowledge production and that the *kinds* of knowledge generated by means of artistic practice cannot be achieved through conventional approaches to research alone. According to the Canadian Journal of Practice-based Research in Theatre: “Practice-based artistic research is experiential, reflective and communicative. One of its main concerns is finding ways of making available for others the tacit knowledge that usually characterizes an artist’s creative process.” Informed by our groundbreaking commitment to this under-attended form of inquiry, our work takes a cross-practice perspective in the performing arts, comparing practice-based research modalities in and across different disciplines.

Sample Research Questions: How do arts-based improvisatory practices themselves suggest new models of knowledge transfer? How might these practices help us measure the impact of our research activities, and how might they enable a broader range of stakeholders to engage with these activities?

Research at the Regina site in this area so far has included research creation projects in improvised theatre based art and health initiatives in Saskatchewan Indigenous communities (with the Indigenous People’s Health Research Centre), improvisation with iPad projects (in classrooms, public libraries and hospitals), hip-hop improvisation projects (with the Interactive Media and Performance Labs); and artist led conference panels and symposia (“Improvising Turtle Island 2015”; “Saying Yes: Exploring Creative Growth 2014”). The Centre has also been undertaking new practice-based research into digital instrument design, including cylindrical isomorphisms for improvisation, and projects investigating improvisation, intermediality and human/digital interaction in smartphone apps.

2. Improvisation, Community Health, and Social Responsibility

Through a number of successful pilot projects with partners, we have demonstrated the effectiveness of improvisation as a tool for reaching at-risk youth and aggrieved communities. IICSI documents and analyzes the myriad relationships between specific improvisational activities and their therapeutic effects, particularly in relation to issues (such as socialization, trust, self-esteem, responsibility, and participation) that are central to the formation of healthy communities.

Sample Research Questions: How do improvisational arts-based practices contribute to the development and flourishing of healthy communities? How (and to what extent) do these practices help communities (particularly at-risk and aggrieved populations) produce new understandings of identity, history, memory, and the body?

Research at the Regina site in this area so far has included journal papers and conference papers on the Improvising with iPads project at Wascana Rehabilitation Centre and on the Acting Out: But in a Good Way partnership with IPHRC at national health conferences; and an upcoming conference on the Promise of Movement led by Charity Marsh; as well as development of current plans for a new partnership with the national FASD network on using improvisation in digital storytelling to influence FASD best practice guidelines in health settings.

3. Improvisation, Intermediality, and Experimental Technologies

Both existing and new technologies provide exciting opportunities for connecting people in real-time improvisational settings: be that through pedagogy, performance (in music/theatre/dance/new media art), symposia or other forms of social exchange. Explorations of such intermedial technologies are proving to be potent forces for increasing democratic participation in the arts and in social/political fora. IICSI will act as a hub where we present international improvisational telematic events, develop new forms of digital and performance-based intermediality, and document, archive, and analyze the effects (and effectiveness) of these new forms of communication.

Sample Research Questions: How can new technologies help facilitate the ability of communities to improvise across time, space, and ability limitations? How might intermedial co-creation develop new opportunities for mobilizing knowledge?

The Regina site is specializing in this area, as many of the researchers are part of the new Creative Technologies program that works between MAP and the Department of Computer Science, and most of our projects explore the impact of emerging technologies. Along with already cited projects exploring instrument interface and emerging technology in audio art, the Regina site will be active in the upcoming Colder Than Mars: Humanizing Data on the Prairies conference with roundtables, artist residencies and research creation outputs. The Centre will also be holding a conference at the University of Regina in 2017 on the theme of Improvisation and Creative Technologies. The 2016-2017 postdoctoral research fellowship (supported by IICSI and the Office of the VP (Research) will be held by a researcher working in this area (applications close April 15, 2016)

Justification for Formalization as a Faculty-based Research Centre:

When the Regina site was established, it was unclear how active the site and partners would be, and whether any formalization addition to SSHRC reporting was required. Formalization is now recommended as the Centre is quite active, and representing the University at a number of national events as well as producing a successful and significant research output. Formalization will help to ensure continued success. Formalization will also help to ensure Research Office and the Office of the VP (Research) is better able to support it through ongoing publicity alongside the other University Research Centres and Institutes.

Examples of national activity include the book project, "Spontaneous Acts: The Improvisation Studies Reader", a reader in Critical Improvisation Studies that was co-edited by Rebecca Caines with IICSI director Ajay Heble, and published by Routledge in 2015. This book includes contributions from key researchers and artists from across the globe, including Regina researchers, and is already being used internationally in research and classrooms. Another example is the national pedagogy in Critical Studies in Improvisation that is being developed collaboratively by all of the IICSI sites, and that will form the basis of a future national, innovative, cross-institution graduate program in Improvisation Studies. Faculty and Students from Regina have also participated in an international Summer Institute in Critical Studies in Improvisation

run collectively by all of the project sites, and held in Newfoundland in 2012. This Institute attracts students from universities across North America and Canada, and internationally, and considers improvisation as an interdisciplinary research focus for graduate study and research creation.

3. Links to University of Regina Strategic Plan and Strategic Research Priorities:

The Regina Improvisation Studies Centre research activities closely align with the 2015-2020 University of Regina Strategic Plan (Peyak aski kikawinaw: Together We Are Stronger) and the University's Strategic Research Planning.

[Links to 2015-2020 University of Regina Strategic Plan \(Peyak aski kikawinaw: Together We Are Stronger\)](#)

- The research centre contributes to the Strategic Plan goal of “student success” through graduate student funding and support of student research activity. Our Centre is funding high quality MA/MFA/PhD students and contributing to their success, as well as attracting new students to study at the University
- Our Centre contributes to the University goal for strong, international “research impact” through high quality research activates, disseminated through practice-based/research creation outcomes, scholarship in journals and books, research symposia and high impact community-based research projects and reports. Through working with the wider IICSI network, the Centre also ensures that our research outcomes are regularly evaluated by leading scholars/artists/community organizations in the field, and that we take advantage of the wider dissemination strategies and resulting impact of the national IICSI team.
- The Centre also closely aligns with the Strategic Plan of the University through its focus on community-engaged research. At all levels, the Centre encourages “commitment to our communities” through close work with the community partners, community-based research strategies, and community-engaged practice-based/research creation outputs that address local needs. Centre projects also support the Strategic Plan themes of indigenization and sustainability through this community engaged research. *One example would be the “Improvising with iPads Project” that worked with the Wascana Rehabilitation Centre hospital to address locally specific goals of building positive community development amongst long-term Aboriginal and Metis residents in the hospital, through workshops in sound and audio improvisation using the iPad project. The Centre continues to work towards Indigenization through working with Indigenous partners, supporting Indigenous content and partnerships in the research design, and employing Indigenous students, along with our ongoing work with the Indigenous People’s Health Research Centre, and one off projects such as the Liquid Art: Improvised Painting project,*

collaborating with Sâkêwêwak Aboriginal Arts Collective, and with Indigenous teachers and pupils at Scott Collegiate and Balfour Collegiate (and further recognized through a recent Indigenization Fund grant from the Indigenous Advisory Circle).

Links to the University of Regina Strategic Research Planning and the new research clusters

- The Centre directly addresses the goals of the University of Regina Strategic Research Plan (2011-2015), as well many themes of the new current research clusters that form the development of new research strategies at the University. In particular, the Centre examines the Strategic Research Plans focus on “*Human Development*” through our work on Health, Human Justice, and Arts, Culture & Heritage; as well as focus on “*Knowledge Creation & Discovery*” through our work on Information and Communication; and Community-Based Research. Our researchers are members of a number of the University’s new research clusters, including Digital Futures, Health Equity, and Human Justice, and we look forward to continuing to contribute to the University of Regina strategic priorities through our interdisciplinary research projects.

4. Management Structure:

- The Centre is guided by an advisory committee made up of all of the researchers, and representatives from each of the community partners, with an ongoing open invitation for further input by the artistic partners involved in one-off projects. Researchers and partners approach the Director to schedule research activities. The Director either directly administers funds for the researchers, or when appropriate and with advice from the University Financial Services, transfers the funds to the researcher to directly administer the funds themselves. Additional grants are sought by the Director and advisory committee members where appropriate. See the Terms of Reference for the Advisory Committee, below.

5. Duration of Centre and Disestablishment Plans:

- The Centre will run until 2021, the life of the SSHRC partnership grant, plus one additional year to wind up activities, or produce an ongoing model for further work.
- An audit will be done in early 2020 to ascertain any issues that could arise when the centre is dissolved. Research projects will be completed by mid 2020, and any remaining SSHRC funds will be dealt with following SSHRC and University regulations. Any additional funds held in the research centre FOAPAL account(s) will be dealt with following the funding regulations of the grants that provided the funds, as per Research Office policy and under the Research Office guidance. If no regulations are in place, they will be returned

to the Faculty of Media, Art, and Performance, for use at the discretion of the Dean.

6. Budget:

See Appendix One

7. Resource Needs:

- The Centre requires one office with furniture and utilities provided (desks, cabinets, internet access, signage, telephone, email address, basic printing by individual researchers- acknowledging any excessive or specialized printing is covered by grant funds, not by the Faculty). Provision of this office space and utilities was committed from 2013 to 2021, by the (then) Dean of the Faculty of Media, Art, and Performance, as part of the original SSHRC grant agreement, and has been provided since 2014 in the Riddell Centre at the University of Regina. This office is used by students, researchers, and postdoctoral fellows. Additional Faculty support committed also includes basic administration assistance (Banner services), purchases and payment of invoices, booking etc. completed by existing Departmental administration staff with support from students employed by the grant where required.

8. Projected staffing requirements:

- No staffing requirements are envisioned on current activity, if the Centre activities become high volume, further funding will be sought to cover part time staff.

9. Risk assessment and risk management strategy:

Overall Projected Risk Level: Low

Identified risks:

RISK: University liability from activities connected to the centre.

REDUCTION STRATEGIES: All activities follow existing University risk reduction policies that include constant monitoring, reporting and adherence to Faculty, University, funding body, and government regulations, as well as adherence to Conflict of Interest Policy, and OHS guidelines.

Details: Specific risk of liability to the University includes:

- **Financial risk (overspending etc.):** A budget for each year was presented by the Regina site at the start of the funding period, and any deviations must be approved by IICSI management prior to fund transfer. All spending and financial activity is subject to several layers of monitoring. All funding is approved first at the Faculty level (FOAPAL expenses are signed off at the Associate Dean level, and all funds go through the main Centre FOAPAL, managed by the Director of the Centre), and then at the University level (monitored by Financial Services to prevent any overspending on accounts, and to ensure University, funding bodies, and government regulations are

- adhered to). Financial Services then produces and approves the annual Financial report that is forwarded to the IICSI Management, and to SSHRC each year. All purchasing and contracting follows University purchasing and employment policy, administered by the Faculty. As per all research spending, the University of Regina audits research expenses regularly to ensure compliance with funding rules and other regulations.
- Financial activity is also monitored closely at the national level by the IICSI SSHRC Partnership Executive Committee and Management Committee under the leadership of project director, Professor Ajay Heble, University of Guelph and project staff at the University of Guelph. Regular reports detailing finances and outstanding expenses are presented and approved by IICSI management, and annual narrative and financial reports are submitted to SSHRC for final approval. It would be extremely difficult to have any budget shortfall take place under these circumstances. In the highly unlikely event of budget overspend, funding is allocated yearly, and the IICSI Management Team can advance funding from a future allocation to cover the overspend. To prevent overspend in the last year of the grant, IICSI will implement additional monitoring during the last 1.5 years of the grant period.
 - **Risk to Human Participants in Research Projects:**
All research follows University Research Ethics Policy to comply with ethical, scientific, methodological, medical, and legal standards, with REB approval being sought prior to start of research projects. Note: Some activities that involve human participants are research creation/practice-based research in the form of artistic practice, and REB approval is not always necessary, the Centre is guided by the Research Ethics Board as to when this exception applies.
 - **Risk of financial liability from joint University/Community Partner activities:** All Centre research is either covered under existing University insurance policies; or, if deemed by the University to be outside the University's remit, is covered by partner's own insurance policies. These are confirmed before partnership activity takes place. Records of partner or additional insurance policies are held in the Centre office. If neither partner can cover the insurance, additional insurance is purchased to cover members of the research team, public liability, theft, and/or property damage and any specific risks relating to the specific project.
 - **Risks from researchers being unable to complete the planned research activities or reporting/financial management requirements:** As the Centre has ten active researchers, who often collaborate on projects together, there are suitable researchers who can substitute where required to fulfill reporting/management needs. With prior approval from the IICSI Management Committee and the Dean of MAP, the Director will nominate an interim Director, if the current Director becomes unavailable. Incomplete, or substantially different research outcomes are guided by the SSHRC Policies

for “Deviation from Proposed Activities and/or Budget” which allows for deviations which allow the centre to use the funds for the “broad purpose for which it was originally intended.”

10. Definition of institute or centre membership, and membership categories:

- The Centre has no additional membership structure. Members are researchers (Co-applicants or collaborators listed on the SSHRC Partnership Grant), community partners (listed on the SSHRC Grant) and informal partners, invited to advise only. Additional researchers and partners can be added to the Grant, on the recommendation of the Centre director, through a formal SSHRC application process, managed by the Management Team of the Grant.

11. Terms of Reference for an Advisory Committee:

Terms of Reference for the Advisory Committee: Regina Improvisation Studies Centre

Membership

- All researchers who are formally collaborators/co-applicants of the Regina site of the SSHRC partnership, The International Institute for Critical Studies in Improvisation (IICSI).
- One representative from each community partner formally connected to the SSHRC partnership. Community representatives are designated by the partner in consultation with the director, preferably drawn from those in a leadership role and/or actively involved in Centre activities.
- Representatives from informal artistic partners of the Centre will be also invited to join if they are interested.
- Period: 2016-2020, further terms of reference will be developed when the SSHRC partnership ends, if the Centre continues

Responsibilities

- To advise and guide the director of the Regina Improvisation Studies Centre on all areas of the Centre activities to help to ensure decisions fulfill the mandate of the centre. Advice areas include, but are not limited to, equitable division of funding, finances, reporting, risk assessment and major decisions. All advice will be considered against the rules and regulations of the University of Regina, and of the funding bodies involved to achieve the most successful and equitable outcomes.

- To report on activities by researchers and partners to help disseminate the research and fulfil the regular reporting needs for funding partners. Reporting can be in person, by email, or at advisory meetings.
- To provide advice and guidance for the director in the event of any difficulties or problems that arise.

Meetings and Reporting

- Meetings of the full advisory team will be held Fall and Spring academic semester (2 times per year), with additional meetings as needed. The Director will report updates on the activities of the centre and invite feedback, based on information gathered from members and partners over the reporting period. Any member may request an additional meeting. Smaller sub-committee meetings will be held more regularly to address specific research projects, and updates from these meetings will be included in the Director's reports. Update reports will also be published on the Regina Improvisation Studies Centre website (reginaimprovcentre.org). Annual written narrative reports are sent yearly to the funding body, these will be made available to the membership once yearly and on request.

12. Relationships with existing University entities and with entities external to the University

- The Centre has existing, ongoing relationships with the following University entities:
- The Faculty of Media, Art and Performance (MAP) Departments of Theatre, Music, Film, Visual Arts and MAP Interdisciplinary Programs.
Our researchers are drawn from across the Departments and programs.
- The Faculty of Science, Department of Computer Science, through The Rough Music and Audio Digital Interaction Lab
A number of our projects involve the Lab through the work of David Gerhard, his students, and his collaborators
- The Community Research Unit Research Centre in the Faculty of Arts
The "Improvising with iPads" research project was partially funded by the Community Research Unit through the Community Research and Action Fund, with research funds supporting the Native Health Services to take part in the project. The project involved students from MAP (Fine Arts) and Arts working with the community partners. Researchers from the Regina Improvisation Studies Centre presented at the Community-Based research showcase in 2014. We hope to continue partnerships that forward the mutual goals of both centres.

- The Indigenous People’s Health Research Centre and their partners
Ongoing research activity is taking place in partnership with the IPHRC, including the project “Acting Out but in a Good Way: A Partnership of Improvisation for Indigenous Youth Wellbeing” (2015-2017) and the production of a special issue of the journal Critical Studies in Improvisation on Aboriginal Health and Improvisation (scheduled for 2018)
- The Interactive Media and Performance Labs and their partners
Ongoing research activity is going on with the IMP Labs and their partners. The IMP Labs are part of Dr. Charity Marsh’s work as Canada Research Chair. Projects have included profiles of the lab for academic journals, support for graduate students to work on IMP lab projects and planning for future research conferences.
- The Research Office and Financial Services
As the Centre has been bound by research agreements with SSHRC since 2013, the Centre already has a close working relationship with both The Research Office and Financial Services to ensure financial activity, reporting and fund raising follows University and SSHRC research protocols and regulations. The Research Office has guided the drafting and development of this foundational document.

13. Projected contributions, if any, to University goals other than research:

- Teaching and Training: Researchers in the Centre have integrated their research activity with their teaching, to benefit their students. Examples include the University of Regina iPad Orchestra, an initiative supported by the President’s Office through the Teaching and Learning Scholars program as a research and pedagogical initiative, which was then supported and sustained by the Centre due to its focus on improvisatory activity with emerging technology. Other examples include Caines’ classes in improvisation that have been developed and taught at the undergraduate and graduate level utilizing research from the Centre. Students have received training across a number of research tasks and methodologies, including archival research, preparation of research manuscripts, research creation and data analysis. In 2018, Indigenous perspectives, drawn from the Liquid Art partnership will be incorporated directly into pedagogy in classes in the new MAP area of “Socially-engaged and Publically Engaged Practices”
- The community-based research projects are also a way for the researchers involved to initiate other public service activity; most of the researchers, for example, support their partners activities in addition to any formal research projects by then attending events, volunteering, serving on Boards, and other public service tasks.

14. Performance Metrics

- All metrics are measured against projections made in the original SSHRC Partnership Grant application, a full copy is on file in the Research Office. In summary, the Partnership, and the Regina site, will prioritize critical and artistic contributions to scholarship/research creation, and positive community service/impact for disadvantaged communities.

Detailed metrics include:

- Number of graduate and undergraduate research assistants who receive funding from over the life of the Centre (BA, BFA, MA, MFA and PhD)
- Number of completed high quality SK and national research projects in practice-based research (workshops, performances, exhibitions and other artistic outputs). Quality assessed by peer review (research creation formal peer review, art juries, professional reviews, professional association recognition, industry benchmarks etc.)
- Number of peer reviewed research publications (journal papers, conference papers, special journal issues, book chapters and books)
- Number of successful SK and national community partnered projects completed (where output and success is measured by partner's own internal goals and evaluation methods, not by the Centre. Partner goals and evaluation methods vary)
- Amount of awards, additional grants, positive PR, and other public recognition for Centre Faculty when working on projects supported by the Centre.
- Contributions made by Centre researchers to the national partnership through collaborative research with other sites (co-authored papers, policy documents, and teaching materials)

15. Details of Reports and Reviews:

Reporting

- The Regina Improvisation Studies Centre reports annually on activities, this already takes place as part of the SSHRC partnership. The Director of the centre will continue to prepare the annual report and provide it to the Dean, Advisory Committee, Research Office and SSHRC. Unless otherwise mutually agreed by the director and the relevant authority, the annual report due date for the University year ending April 30 will be June 30 of the same year.
- Unless otherwise mutually agreed by the director and the relevant authority, the annual report will include, at a minimum:
 - an application of the specific performance metrics found in the institute or centre's foundation documentation, including a discussion of progress on meeting performance objectives
 - a listing of publications attributable to institute or centre activities

- a listing of presentations and workshop and conference activity attributable to institute or centre activities
- a listing of communications or media activities attributable to institute or centre activities
- an assessment of any outreach or public service activities attributable to institute or centre activities
- a listing of contributions to undergraduate, graduate or internship training
- a university-year financial statement noting all monies received and expended by the institute or centre in each of its University accounts (i.e. FOAPALS)
- an assessment of the status and continued viability of the institute or centre

16. Review

Review Policy for the Centre will follow the University Policy and be updated as this changes. Current Policy copied below. The only exception is marked below.

Internal Review

- In-house review will take place as required at the Dean's discretion, and results will be disseminated to the Research Office. An internal review shall take place at any point in time on the request of the Dean, and at least every five years. (EXCEPTION TO STANDARD POLICY- Dean requests NOTICE PERIOD for review of 60 days rather than 90 recommended in the current policy.)
The Dean shall provide a director with at least 60 days' notice of an internal review due date. Unless otherwise mutually agreed by the director and the Dean, an internal review is based on all the elements of the annual report, plus, at a minimum, the following additional components:
 - an assessment of the institute or centre's progress since the most recent review, based on the specific performance metrics found in the institute or centre's foundation documentation
 - an analysis of the institute or centre's fit within the University's strategic research priorities
 - an assessment and recommendation as to whether any of the institute or centre's foundation documentation, management structure, membership categories, or performance measures should be amended to respond to new realities
 - a summary of all revenues and expenditures since the most recent review
 - an analysis of challenges and opportunities over the next three to five years
 - a strategy for the next three to five years to address challenges and opportunities
 - a recommendation as to the continuance, restructuring, or disestablishment of the institute or centre
- Upon receipt and consideration of the in-house review, the Dean may:
 - approve the internal review;
 - request further information; or,

- initiate an external review.
- Deans will forward a copy of the in-house review of a faculty-based institute or centre to the Research Office.

External Review

- At any point in time the Dean may initiate an external review by the Research Office.
- An external review involves comment, analysis and recommendations by the Research Office. Details of the external review may differ as defined by the Dean, but typically may include:
 - an analysis of the institute or centre's research performance
 - an analysis of the institute or centre's non-research contributions to the University
 - an analysis of the institute or centre's fit within the University's strategic research priorities
 - a funding and expenditures summary over the lifetime of the institute or centre (or since the previous external review)
 - a research plan over the next five years
 - a funding and expenditures projection over the next five years
 - confirmation the institute or centre's current management structure is appropriate or recommendations for changes to the management structure
 - a recommendation as to the continuance, or restructuring, or disestablishment of the institute or centre
- Upon receipt and consideration of the external review, the Dean may accept the review's recommendations, or request further information.
- The Research Office will forward a copy of an external review of a faculty-based institute or centre to the Dean, director and to the office of the VP (Research).

APPENDIX ONE

BUDGET

Budget Notes:

The operating budget for the Centre in the IICSI FOAPAL is small, it is composed of allocations from the IICSI grant transferred to the University of Regina annually, as well as a small amount of additional allocations from the grant for special projects, that are transferred throughout the year. (These additional allocations require special application to the Management Team.)

Attached below is the projected budget 2013-2020 from the original SSHRC grant, this does not include special project allocations, which are additional.

Also attached is the relevant FAST Report to date for the Centre FOAPAL account, and individual SSHRC reports from 2014 and 2015.

As 2016 reports are not yet complete, a working budget is also attached listing 2016 of IICSI allocations transferred to Regina so far.

Note:

The Centre's activities, however, are not solely funded by the Centre budget line and differ from the original grant budget, funding is supplemented by researcher's individual research funds (from internal and external grants) that are administered by the individual researchers themselves, following University and funding agency policy. Where these funds are used for Centre activities, they are included in narrative reporting to the Faculty, IICSI, and SSHRC, and detailed on SSHRC Contribution Forms, completed annually. 2016 contributions have not yet been reported, and are not listed on the working budget. Centre activities are also supported by Travel Funds and Equipment Funds from the IICSI grant that are administered separately by the national Management Team, and transferred as reimbursements for expenses directly to members. These do not show on the Regina Improvisation Studies Centre budget.



Canadian Institutes of Health Research

Natural Sciences and Engineering Research Council of Canada

Social Sciences and Humanities Research Council of Canada

Indicate for which Federal Granting Agency the "Statement of Account" is intended.

Annual Statement

Final Statement

GRANTS IN AID OF RESEARCH STATEMENT OF ACCOUNT

IMPORTANT NOTICE: A signed "Statement of Account" for each grant account, including General Research Fund (GRF), General Graduate Studies Fund (GGSF), Aid to Small Universities (ASU) and SSHRC Institutional Grants (SIG), must be filed annually by 30 June. Failure to file a "Statement of Account" by the specified date may result in the closing of the Federal Granting Agency grant account(s).

Family Name, Given Name and Initials(s) of Grantee Caines, Rebecca .	Council/Personal Id No. (CID/PIN) 0	Date April 30, 2014	Year Ending March 31, 2014
Institution University of Regina		University Account No. 224019	Council Grant No. -895-2012-1006-

FUNDS AVAILABLE FOR CURRENT YEAR	
Balance of grant at close of previous year	\$
Current year grant	\$ 10,569.00
Federal Granting Agency authorized transfer	\$
Total funds available for current year	A \$ 10,569.00

EXPENDITURES INCURRED FOR CURRENT YEAR			
	Canadian and Permanent Residents	Foreign	
1) Salaries to students (including benefits)			
a) Bachelor's	\$ 204.83	\$	\$ 204.83
b) Master's	\$ 378.91	\$ 315.60	\$ 694.51
c) Doctorate	\$ 441.67	\$	\$ 441.67
2) Salaries to non-students (including benefits)			
a) Postdoctoral	\$	\$	\$
b) Other			\$
3) Salary and benefits of incumbent (Canada Research Chairs only)			\$
4) Professional and technical services/contracts			\$
5) Equipment (including powered vehicles)			\$ 3,399.35
6) Materials, supplies and other expenditures			\$ 551.81
7) Administrative costs related to the Canada Research Chair (proposal writing, technology transfer costs, libraries, relocation, etc.)			\$
8) Travel			\$
9) Research time stipends (SSHRC Grantees and NCE Program Leaders only)			\$
10) GRF, GGSF, SIG and ASU expenditures only			
a) Travel in Canada			\$
b) International Travel			
c) Research awards, scholarships			\$
d) Research Infrastructure (ASU only)			\$
e) Other (e.g., conferences, workshops, seminars)			\$
11) Other Expenditures (e.g., NCE administration costs)			\$
Total expenditures incurred for current year			B \$ 5,292.17
Balance (A - B)			\$ 5,276.83

UNSPENT BALANCE	
Outstanding commitments at close of year	\$

SIGNATURES	
<p>I hereby certify that the above statement is correct; that the expenditures conform to the general conditions and regulations governing grants as outlined in the Federal Granting Agency guide, and were for the purpose for which the grant was made.</p> <p></p> <p>_____ Grantee (or university official for GRF, SIG and ASU)</p> <p>_____ Date</p>	<p>I hereby certify that the expenditures summarized above were incurred and paid wholly on behalf of the grantee, and that the vouchers are available for monitoring purposes.</p> <p></p> <p>_____ Financial Officer</p> <p>30 April 2014 Date</p>



Canadian Institutes of Health Research

Natural Sciences and Engineering Research Council of Canada

Social Sciences and Humanities Research Council of Canada

Indicate for which Federal Granting Agency the "Statement of Account" is intended.

Annual Statement

Final Statement

**GRANTS IN AID OF RESEARCH
STATEMENT OF ACCOUNT**

IMPORTANT NOTICE: A signed "Statement of Account" for each grant account, including General Research Fund (GRF), General Graduate Studies Fund (GGSF), Aid to Small Universities (ASU) and SSHRC Institutional Grants (SIG), must be filed annually by 30 June. Failure to file a "Statement of Account" by the specified date may result in the closing of the Federal Granting Agency grant account(s).

Family Name, Given Name and Initials(s) of Grantee Caines, Rebecca .	Council/Personal Id No. (CID/PIN) 0	Date May 07, 2015	Year Ending March 31, 2015
Institution University of Regina		University Account No. 224019	Council Grant No. -895-2012-1006-

FUNDS AVAILABLE FOR CURRENT YEAR	
Balance of grant at close of previous year	\$ 5,276.83
Current year grant	\$ 6,128.00
Federal Granting Agency authorized transfer	\$
Total funds available for current year	A \$ 11,404.83

EXPENDITURES INCURRED FOR CURRENT YEAR			
	Canadian and Permanent Residents	Foreign	
1) Salaries to students (including benefits)			
a) Bachelor's	\$ 1,054.87	\$	\$ 1,054.87
b) Master's	\$ 3,588.32	\$ 1,714.64	\$ 5,302.96
c) Doctorate	\$	\$	\$
2) Salaries to non-students (including benefits)			
a) Postdoctoral	\$	\$	\$
b) Other			\$
3) Salary and benefits of incumbent (Canada Research Chairs only)			\$
4) Professional and technical services/contracts			\$
5) Equipment (including powered vehicles)			\$ 109.00
6) Materials, supplies and other expenditures			\$ 510.00
7) Administrative costs related to the Canada Research Chair (proposal writing, technology transfer costs, libraries, relocation, etc.)			\$
8) Travel			\$ 600.00
9) Research time stipends (SSHRC Grantees and NCE Program Leaders only)			\$
10) GRF, GGSF, SIG and ASU expenditures only			
a) Travel in Canada			\$
b) International Travel			
c) Research awards, scholarships			\$
d) Research Infrastructure (ASU only)			\$
e) Other (e.g., conferences, workshops, seminars)			\$
11) Other Expenditures (e.g., NCE administration costs)			\$
Total expenditures incurred for current year			B \$ 7,576.83
Balance (A - B)			\$ 3,828.00

UNSPENT BALANCE	
Outstanding commitments at close of year	\$

SIGNATURES	
<p>I hereby certify that the above statement is correct; that the expenditures conform to the general conditions and regulations governing grants as outlined in the Federal Granting Agency guide, and were for the purpose for which the grant was made.</p> <p></p> <p>_____ Grantee (or university official for GRF, SIG and ASU)</p> <p>_____ Date</p>	<p>I hereby certify that the expenditures summarized above were incurred and paid wholly on behalf of the grantee, and that the vouchers are available for monitoring purposes.</p> <p>_____ Financial Officer</p> <p>_____ Date</p>



Canadian Institutes of Health Research

Natural Sciences and Engineering Research Council of Canada

Social Sciences and Humanities Research Council of Canada

Indicate for which Federal Granting Agency the "Statement of Account" is intended.

Annual Statement

Final Statement

GRANTS IN AID OF RESEARCH STATEMENT OF ACCOUNT

IMPORTANT NOTICE: A signed "Statement of Account" for each grant account, including General Research Fund (GRF), General Graduate Studies Fund (GGSF), Aid to Small Universities (ASU) and SSHRC Institutional Grants (SIG), must be filed annually by 30 June. Failure to file a "Statement of Account" by the specified date may result in the closing of the Federal Granting Agency grant account(s).

Family Name, Given Name and Initials(s) of Grantee Caines, Rebecca .	Council/Personal Id No. (CID/PIN) 0	Date April 30, 2014	Year Ending March 31, 2014
Institution University of Regina		University Account No. 224019	Council Grant No. -895-2012-1006-

FUNDS AVAILABLE FOR CURRENT YEAR	
Balance of grant at close of previous year	\$
Current year grant	\$ 10,569.00
Federal Granting Agency authorized transfer	\$
Total funds available for current year	A \$ 10,569.00

EXPENDITURES INCURRED FOR CURRENT YEAR			
	Canadian and Permanent Residents	Foreign	
1) Salaries to students (including benefits)			
a) Bachelor's	\$ 204.83	\$	\$ 204.83
b) Master's	\$ 378.91	\$ 315.60	\$ 694.51
c) Doctorate	\$ 441.67	\$	\$ 441.67
2) Salaries to non-students (including benefits)			
a) Postdoctoral	\$	\$	\$
b) Other			\$
3) Salary and benefits of incumbent (Canada Research Chairs only)			\$
4) Professional and technical services/contracts			\$
5) Equipment (including powered vehicles)			\$ 3,399.35
6) Materials, supplies and other expenditures			\$ 551.81
7) Administrative costs related to the Canada Research Chair (proposal writing, technology transfer costs, libraries, relocation, etc.)			\$
8) Travel			\$
9) Research time stipends (SSHRC Grantees and NCE Program Leaders only)			\$
10) GRF, GGSF, SIG and ASU expenditures only			
a) Travel in Canada			\$
b) International Travel			
c) Research awards, scholarships			\$
d) Research Infrastructure (ASU only)			\$
e) Other (e.g., conferences, workshops, seminars)			\$
11) Other Expenditures (e.g., NCE administration costs)			\$
Total expenditures incurred for current year			B \$ 5,292.17
Balance (A - B)			\$ 5,276.83

UNSPENT BALANCE	
Outstanding commitments at close of year	\$

SIGNATURES

I hereby certify that the above statement is correct; that the expenditures conform to the general conditions and regulations governing grants as outlined in the Federal Granting Agency guide, and were for the purpose for which the grant was made.

I hereby certify that the expenditures summarized above were incurred and paid wholly on behalf of the grantee, and that the vouchers are available for monitoring purposes.

Grantee (or university official for GRF, SIG and ASU)

Financial Officer

Date

30 April 2014

Date



Inception to Date with Drilldown
Finance Reporting (Data as of 28/01/2016 04:10:43 AM)

FUND = 224019

FUND	ACCT	ACCTTITLE	AMOUNT PER ACCT
224019	5302	Grant Federal	40,125.00
224019	6022	Student Wages	-8,968.30
224019	6050	Professional Fees & Honoraria	-2,542.33
224019	6080	Benefits	-502.36
224019	6102	General Materials & Supplies	-522.16
224019	6109	Food	-837.28
224019	6136	Legal & Other Professional Fees	-536.64
224019	6183	Entertainment	-117.82
224019	6241	Travel	-2,458.69
224019	6243	Visiting Scientist	-519.33
224019	6251	Conference Fees	-480.00
224019	6750	Software	-109.00
224019	7070	Transfer to Research	-5,000.00
224019	8604	Audio Visual Equipment	-692.61
224019	8625	Computer Equipment	-2,706.74
			14,131.74

2016 Working Budget

INCOMING FUNDS 2016	DETAIL	AND RESEARCHER/ PARTNERS	TOTAL
SSHRC ANNUAL ALLOCATION			
Student Salaries	Ongoing projects, events Colloquium events: "Impovising Turtle Island" 2015, "Colder Than Mars" 2016	Multiple	\$6,128.00
Colloquium		Multiple	\$5,000.00
ADDITIONAL ALLOCATIONS- SPECIAL PROJECTS			
Digital Tools Budget- "Isomorphisms for Improvisation" project	Support for GRA	Gerhard	\$5,000.00
Events Budget- "Spontaneous Acts" Book Launch	Catering	Caines Caines, Creative City Centre, Sâkêwêwak, IPHRC, Episkenew	\$500.00
Exhibition Budget- "Liquid Art: Improvised Painting Project"	Workshops, events and exhibition, emerging artists and mentors	Episkenew	\$6,800.00
CURRENT RESEARCHER CONTRIBUTIONS (NOT COMPLETE)			
Indigenous Advisory Circle Indigenization Grant	Liquid Art project	Caines	\$1,700.00
TOTAL OPERATING BUDGET			\$25,128.00

2016 Working Budget

EXPENDITURES - FAST SYSTEM
Finance Reporting - Research Year End Summary
 by Account (Data as of 29/01/2016 04:10:27 AM)

RESEARCH FSYR = 2016 FUND = 224019	ACCTTITLE	INTERNAL ATYPE TITLE TOTAL
FTVFUND TITLE		
SSHRC/UofG - IICSI - Caines	Grant Federal	Revenue 23,428.00
SSHRC/UofG - IICSI - Caines	Student Wages	Labour -1,904.39
SSHRC/UofG - IICSI - Caines	Professional Fees & Honoraria	Labour -2,542.33
	Benefits	Labour -117.43
		Direct
SSHRC/UofG - IICSI - Caines	Food	Expenditures -777.63
		Direct
SSHRC/UofG - IICSI - Caines	Legal & Other Professional Fees	Expenditures -536.64
		Direct
SSHRC/UofG - IICSI - Caines	Entertainment	Expenditures -117.82
		Direct
SSHRC/UofG - IICSI - Caines	Travel	Expenditures -1,858.69
		Direct
SSHRC/UofG - IICSI - Caines	Visiting Scientist	Expenditures -519.33
		Direct
SSHRC/UofG - IICSI - Caines	Software	Expenditures -109.00
Transfers		
		-5,000.00
		14,944.74



**J O H N S O N
S H O Y A M A**



GRADUATE SCHOOL OF PUBLIC POLICY

U R E G I N A ▼ U S A S K

**Foundation Document to Establish the
Canadian Institute for Science and Innovation Policy (CISIP)**

1. Name of Centre

Canadian Institute for Science and Innovation Policy (CISIP)

Type of Centre

This proposal recommends that CISIP be designated a Type 1 Centre in the Johnson Shoyama Graduate School of Public Policy (JSGS). Under this model, the Institute's Director would report to the Executive Director of JSGS, who represents both campuses of the School.

CISIP will be a joint-initiative of the University of Regina (U of R) and the University of Saskatchewan (U of S), capitalizing on the unique two university structure of JSGS. While the inaugural director and associate director will be hosted at U of S, the institute will have research facilitators at both campuses and the leads for the research themes are distributed across the two universities. Every three years the leadership will switch to the other campus. Both JSGS and this proposed institute do not fit neatly within the normal governance system operating at the University and extend beyond the typical centre typology (1-2). Although CISIP's broad scope and budget in the contexts of a standard faculty might warrant designation of the Institute as a Type 2 centre, the unique operating structure of JSGS as an inter-disciplinary school shared and administered jointly by the U of R and U of S supports CISIP's identification as a Type 1 centre at the U of R within and under the responsibility of JSGS (and as a corresponding Type A centre located within JSGS under the U of S centres policy).

CISIP will be administratively housed and operated solely within the JSGS and, as such, will be a joint entity that does not fall under the sole jurisdiction or authority of either institution alone. This structure provides a novel and innovative opportunity to operate a truly collaborative institute that will undertake intra- and inter-institutional, interdisciplinary activities. Streamlining the administration within JSGS will enable the institute to aggressively pursue leveraging opportunities and promote the joint reputations of the Institute, JSGS and our host universities. Within this context and in conversation with both Offices of the Vice Presidents Research, JSGS has been identified as uniquely and well positioned to enhance performance and provide appropriate and effective accountability for the administrative and academic oversight of this shared institute on behalf of both our universities.

2. CISIP Rationale and Purpose

The Concept

CISIP will provide a unique vehicle to bridge the current disconnect between science and innovation on one hand and related policy and governance considerations on the other. In so doing, it will create and enhance opportunities for public, private and civil society sectors to engage in and benefit from new discoveries and technological applications.

The goal of CISIP is to draw together researchers, experts and stakeholders from across public, private and civil society sectors to enhance research and understanding relating to the policy and governance dimensions of science and innovation. More specifically and as outlined in more detail in Section 12 below, CISIP will work with domestic and international partners to support research that increases the development and uptake of appropriate and beneficial scientific innovations within broader society and specific communities by focusing on existing JSGS leadership and capabilities at the intersections of:

- 1) JSGS areas of policy and governance research strength:
 - a. strategic assessment
 - b. societal engagement
 - c. support for decision-making

- 2) Areas of U of R and U of S scientific pre-eminence to be advanced through CISIP:
 - a. energy
 - b. digital analytics
 - c. bioscience and food security
 - d. water security (under development)
 - e. health (under development)

Research cluster development that incorporates researchers from scientific, social scientific and humanistic fields extending far beyond current JSGS pools of expertise is at the heart of the CISIP vision. As reflected in responses to the original multi-disciplinary consultation process informing development of the CISIP concept, scholars and researchers on both campuses in Schools, Colleges and Faculties beyond JSGS are eager for opportunities to collaborate. CISIP is dedicated to finding mechanisms that will permit closer collaboration across academic units to provide demonstrable impacts in our efforts to address social challenges through science and innovation. Led primarily by social scientists from within JSGS, CISIP research clusters will draw on expertise from across the humanities, social sciences and sciences to ensure multiple and broad perspectives are incorporated in all related research activities.

Building through Consultation

Extensive consultations were held across the U of R and U of S campuses and related research facilities -- including with academics and researchers from scientific, social scientific and humanistic disciplines -- and with administrators from both institutions.

The initiative started with a JSGS Workshop on Governance of Innovation, Science and Technology held in May 2014 and included meetings with U of R Vice President Research David Malloy (May 28) and U of S Vice President Research Karen Chad (February 4 and May 28). Appendix I includes a 1-page summary of highlights from additional consultation discussions undertaken between Nov 2014 – Feb 2015 with the following individuals from both universities:

University of Regina

Thomas Bredohl, Dean Faculty of Arts
Daniel Gagnon, Dean of Science
Cory Butz, Associate Dean of Science
Margot Hurlbert, Justice Studies, Sociology
Esam Hussein, Dean, Faculty of Engineering and Applied Science
Dena McMartin, Associate Vice President, Academic and Research
Sally Gray, Director, Research and Innovation & Partnership, Office of the Vice President Research
Norm Henderson, Director, PARC
Gordon Huang, Director, Energy, Environment and Sustainable Communities

University of Saskatchewan

Associate Deans Research Forum
Keith Willoughby, Edwards School of Business
Peter Stoicheff, Dean, Arts and Science
Georges Kipouros, Dean, and Don Bergstrom, Associate Dean Faculty Relations, College of Engineering
Nazeem Muhajarine, Acting Head, School of Public Health
Mary Buhr, Dean, and Graham Scoles, Associate Dean, Research, College of Agriculture & Bioresources
Beth Bilson, Acting Dean, College of Law
Toddi Steelman, Executive Director, School of the Environment and Sustainability
Tom Roberts, Acting Managing Director, Industry Liaison Office
Andy Potter, Director, VIDO/InterVac
Tom Ellis, Director of Research, and Mark de Jong, Director of Accelerators, CLS
Neil Alexander, Executive Director, Sylvia Fedoruk Canadian Centre for Nuclear Innovation
Maurice Moloney, Global Institute for Food Security

Through the above noted consultation process, a viable rationale, purpose and structure for CISIP emerged as presented in this proposal.

CISIP Rationale

Generating, developing and applying science and innovation in ways beneficial to humanity at local and global levels has never been more important and challenging for decision-makers in public, private and civil society sectors.

In its 2007 Science and Technology Strategy, *Mobilizing Science and Technology to Canada's Advantage*, the federal government states that Canada requires, “a new approach – a new strategy that builds on our strong economic fundamentals, takes advantage of the research capacity that we have built, and more effectively uses science and technology to develop practical applications to address our challenges.” The 2014 strategy, *Seizing Canada's Moment: Moving Forward in Science, Technology and Innovation* further acknowledges that “the ever-increasing complexity of global challenges ... require international research collaborations across many disciplines.” Most recently, the 2015 mandate letter to the newly established federal Minister of Science affirms the new government’s commitment to strengthening linkages among scientific knowledge, decision-making and investment and policy choices.

Natural and social sciences have often been associated with improving quality of life and the idea that science in particular can be put to work in solving pressing public policy challenges is heavily subscribed to by think tanks, governments, universities and industry. And yet, bringing the fruits of science to governments and to markets has never been more difficult. Research and innovation in specific disciplines are limited in their capacity to fully address and resolve large-scale or so-called “wicked” problems on their own. Moreover, research conducted in isolation from other discourses and modes of thinking can generate innovations that disrupt current practices and modes of thinking, creating conflict that either empowers or disenfranchises divergent communities.

Collaboration focused on the policy and governance dimensions of scientific research and innovation creates the opportunity to develop comprehensive evidence-based solutions for socially-complex problems. In order to be effective however, research clusters must draw on multiple and broad areas of expertise from across the academy that are not always seen as obvious partners in scientific and innovation research including such fields as history, ethics, cultural studies, law, fine arts, economics, indigenous studies, etc. Through creating and supporting research clusters in key areas of institutional research strength that build on existing and emerging networks across scientific, social scientific and humanities disciplines, CISIP will provide the opportunities and synergies needed for holistic dialogue and analysis that can effectively address large-scale challenges.

Saskatchewan and Canada currently lack a mechanism through which these concerns regarding the broader policy opportunities and governance challenges of science and innovation can be systematically explored and addressed. A research centre like CISIP that focuses primarily on the crucial aspects of governing innovations and their translation into public, private and civil society sectors provides a critical, currently absent, element to the current innovation environment. Saskatchewan universities need a central coordinating science/social science/humanities research centre to enhance the success and benefits of its scientific, innovative and technical expertise. Such an operation could maximize the impact of Saskatchewan-based scientific research, facilitate greater and more systematic connections between research activities in the science, innovation and technology policy and governance areas and develop a long-term vision for integrated research platforms.

Unique Opportunities for Research Activity and Engagement

While both universities have strength in specific scientific fields of inquiry and benefit from JSGS policy and governance capabilities, there are few, if any, formal mechanisms to bring together scholars spanning these and other fields to pursue common research interests, including with respect to energy, digital analytics, bioscience and food security, water security and health.

Numerous centres currently exist in Canada and internationally with various mandates relating to science, innovation and society. However, many of these entities are either narrowly focused on the work of individual researchers or limit themselves to only one aspect of the science-society interface – i.e. primary research, knowledge translation, or fee for service engagement.

Against this backdrop, CISIP will provide a unique mechanism to gather researchers and scholars spanning the natural and applied sciences, social sciences and the humanities under various structured and targeted research clusters. In so doing, CISIP will strengthen the ability of our academic community to undertake, build support around and find application for research that is more useful in addressing large-scale challenges.

More specifically, CISIP will build on existing JSGS relationships and networks to incorporate the following JSGS research strengths and analytic capacities to offer clear value in enhancing the success and benefits of our science and innovation:

Strategic assessment	<p>Examination of innovation through prospective analyses and retrospective assessments to test governance systems and identify potential options to improve performance.</p> <ul style="list-style-type: none"> • Focus on improving understanding between scientific definitions of risk, public understandings of uncertainty and institutional evaluative methods for assessing new technologies and techniques.
Societal engagement	<p>Increasing social engagement in discourse around scientific focus and application in ways that address perceptions of risk and framing of choices.</p> <ul style="list-style-type: none"> • Focus on knowledge mobilization and democratic engagement to develop strategies and opportunities for informed public participation in controversial issues relating to innovative technologies.
Support for decision-making	<p>Understanding how perceptions about risks and benefits intersect with goals to have science-based and evidence-informed policy along with regulatory and other decision systems.</p> <ul style="list-style-type: none"> • Focus on stakeholders use of evidence within decision-making structures and how new knowledge is accessed, interpreted and translated from one policy area to another.

Moreover, CISIP will undertake and support research in areas relating to the policy and governance dimensions of science and innovation in ways that are not currently enabled elsewhere on campus in any structured way, by:

- Supporting evidence-based discussion and exchange on hot button issues among academic and non-academic actors through information dissemination, publications, symposiums, public forums, workshops;
- Providing a structure and mechanism whereby experts from across scientific, social scientific and humanistic disciplines can come together to collaborate on specific large-scale challenges;
- Communicating scientific and innovation research results and outcomes to key audiences;
- Serving as a credible think-tank and go-to place for government officials, decision-makers, the public, industry and the media on key policy issues relating to science and innovation;
- Enabling better stakeholder engagement and public opinion gathering for industry and government partners; and
- Developing potential training and outreach opportunities for the university community and professionals from diverse sectors.

CISIP Purpose

Based on the above intentions, CISIP will fulfill a variety of purposes at institutional and social levels:

<i>CISIP Purposes</i>
<ul style="list-style-type: none"> • <i>Lead, host, undertake and support leading-edge research on policy and governance dimensions – including social, economic and political considerations – of science and innovation.</i> • <i>Create and support research clusters building on networks of scholars beyond JSGS and crossing scientific, social scientific and humanist disciplines, colleges and institutions.</i> • <i>Provide a mechanism to strengthen collaborative opportunities among academic, public, private and civil society sectors, both in Canada and internationally.</i> • <i>Maximize the potential for innovations in natural, applied and bio-medical sciences to be adopted by the private and public sectors, including through research initiatives and development of knowledge translation strategies.</i> <ul style="list-style-type: none"> • <i>Be a central link between government and university researchers to address issues hampering the translation of science into use.</i> • <i>Offer specialized training opportunities for graduate students and researchers interested in advancing scientific applications in public and private spheres.</i>

More specifically, CISIP will support its research mission through various activities and mechanisms including:

- Establishing research clusters building on networks of experts from multiple academic units far beyond JSGS, the U of S, and the U of R having skills in relevant areas;
- Securing agreements and MOUs with targeted scientific entities and facilities to support joint research initiatives;
- Facilitating and brokering relationships among scientific researchers, data holders, policy and governance experts, government officials, decision-makers, industry and community representatives, and regulators to enable cutting-edge research that is thorough and relevant;
- Targeting potential funding sources and external partners; and
- Supporting development and management of large-scale grants.

3. CISIP Fit With University Strategic Research Priorities

Research success requires not just technological innovation but also the resolution of related policy problems. Early CISIP priorities – bioscience and food security, energy, and digital analytics, with water security and health under development – will build on existing strategic priorities, strengths and investments at both the U of R and the U of S. Through participation in one of CISIP’s founding research cluster categories focused on energy, this CRC will directly contribute to the achievement of U of R strategic and research objectives by:

- Successfully advancing U of R priorities outlined in the 2015-2020 Strategic Plan, peyak aski kikawinaw, relating to research impacts, commitment to communities and student success;
- Reinforcing U of R Strategic Plan commitments to support research communities to expand the boundaries of knowledge and have meaningful impact at home and beyond.
- Supporting institutional commitments with respect to Indigenization and sustainability;
- Furthering university research objectives relating to high impact outcomes, advancing research profile and awareness, and increasing partnerships and projects with First Nations and Métis people, communities and organizations; and
- Contributing as a critical and essential component of U of R activity and success in its strategic research cluster areas as outlined in the table below, particularly those relating to the Digital Future and Water, Environment, & Clean Energy.

Through its own focus and partnerships, CISIP will remain committed to developing research programs that are closely aligned with U of R and U of S institutional research priorities as summarized in the following table:

U of S research signature areas	U of R research cluster areas					
	Anxiety, Stress & Pain	The Digital Future	Water, Environment, & Clean Energy	Health Equity	Social Justice & Community Safety	
<i>Agriculture</i>	SPH priority	CISIP primary Priority	CISIP secondary Priority			
<i>Energy & Mineral Resources</i>		CISIP primary priority	CISIP primary priority			
<i>One Health</i>			CISIP secondary priority	CISIP secondary priority		
<i>Water</i>			CISIP primary priority			
<i>Synchrotron sciences</i>		CISIP primary priority				
<i>Aboriginal Peoples</i>		ICNGD priority*				

* In line with its research mandate and focus, CISIP will contribute to and advance institutional commitments with respect to Indigenous scholarship and engagement. Where there are opportunities to advance shared goals with respect to the policy and governance dimensions of science and innovation, CISIP will collaborate with other academic and administrative units at the U of R and the U of S, including the First Nations University of Canada, International Centre for Northern Governance and Development and the Indigenous Peoples' Health Research Centre to advance institutional priorities relating to Indigenous student success, engagement with First Nations, Métis and Inuit communities, and incorporation of Indigenous knowledge and experience. Anticipated potential areas for initial CISIP collaboration in this regard include such cross cutting issues as climate change, low carbon energy futures (given potential considerations for northern and remote communities), nutrition and food security and health. In partnership with others, CISIP will contribute to commitments and strategies that provide opportunities for Indigenous researchers, leverage related internal expertise and support meaningful community engagement in policy deliberations.

Consistency with JSGS Planning and Priorities

CISIP reflects JSGS's strategic commitment to advance research and scholarship in the area of Innovation, Science and Technology, one of three research priorities recently identified by JSGS. Moreover, the new Institute responds to needs identified in the JSGS U of S *Plan for the Third Planning Cycle, 2012-2016* around bridging social science, life science, and natural science communities and improving research capacity in governance topics relating to science and technology.

4. Institute Management Structure

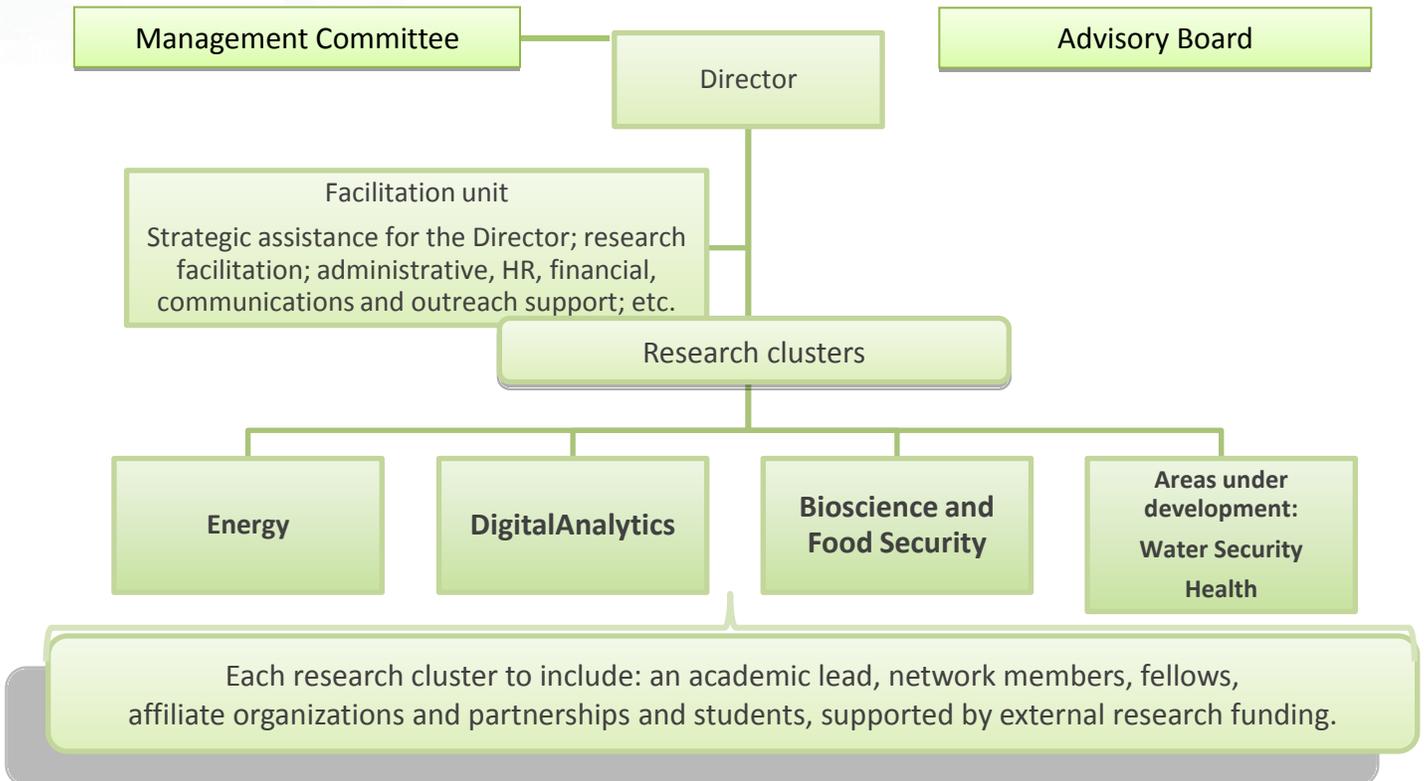
As a Type I Centre, CISIP will be led by a Director reporting to the Executive Director of JSGS. The inaugural director will be Dr. Peter Phillips, Distinguished Professor of Public Policy and an established scholar and faculty member of JSGS. His research expertise focuses on governing transformative technological innovation, including regulation and policy, innovation systems, intellectual property management, trade policy and decision systems.

The Director will be responsible for oversight of the academic mission and operations of the centre. He will be supported by an administrative team that will include: a strategic administrator to assist the Director, two research facilitators, and administrative, HR, financial, communications and outreach assistance from JSGS.

Research will be undertaken and supported primarily through the creation of research clusters led by established policy and governance leaders in areas of scientific pre-eminence at the U of R and U of S. Initial research clusters will focus on energy, digital analytics, and bioscience and

food security, with two additional clusters - water security and health - under development. Each research cluster will include: an academic lead, network members, fellows, affiliated organizations and partnerships and students, supported with external research funding.

The chart below illustrates the proposed management structure for CISIP:



Additional oversight will be provided through: a) a Management Committee - consisting of the Executive Director of JSGS, the CISIP Director and associated support, the Associate Vice Presidents Research from the U of R and U of S, and the academic leads for all research clusters – that is anticipated to meet on a quarterly basis to provide oversight and advice for CISIP operations; and, b) an Advisory Board discussed in more detail in Section 11 below.

5. Anticipated CISIP Duration

Given its broad scope and purpose, it is anticipated that CISIP will remain relevant and vibrant for the long-term. While the current proposal sets forth a budgetary path for the next three years as requested, the following section outlines the strategies that will implemented to support CISIP viability for many potential decades to come. Already the institute has research commitments extending out seven years.

6. Resources and Budget

CISIP activities relating to general operations, research facilitation, and outreach and knowledge translation will be funded from a variety of existing and potential new sources as outlined below.

Existing JSGS resources and connections will provide in-kind administrative, HR, financial, communications, and outreach support through existing positions.

Agreements with major research institutes in Saskatchewan – including agreements with the Sylvia Fedoruk Canadian Centre for Nuclear Innovation and the Global Institute for Food Security – will provide funds to cover both research and some operating costs. MOAs are being worked on to formalize those partnerships. Similar MOAs will be pursued as appropriate with the Global Institute for Water Security, the International Minerals Innovation Institute and other initiatives at the two universities and beyond.

It is anticipated that both universities will provide support to be used for the new strategic administrator position, support for research facilitators at both campuses, as well as travel expenses for advisory board members and various other CISIP travel and consumables. The College of Graduate Studies and Research (CGSR) at the U of S also confirmed its support for CISIP in the form of two Graduate Service Fellowships.

In addition, the two universities and JSGS have a demonstrated success in securing research opportunities and funding that will further bolster CISIP resources, including the following allocations:

- CISCO Research Chair –Big Data
33% or \$100,000/year X 5 years
- Fulbright Chair – final allocation to CISIP
\$25,000 X 1 year
- Robertson Scholars
\$55,000/year (\$20K/year for MPP and \$35K/year for PhD) X 5 years
- Annual Science and Public Policy Lecture hosted by JSGS
\$5,000/year (Robertson donation)
- Allocation of graduate student services for research facilitation
\$11,000/year X 3 years
- In-kind support and funding for governance/operations
\$43,560 X 4 years (Director travel, administration/communications/financial support, etc.)

On-going and confirmed, pending and anticipated research projects relating to the CISIP mandate that researchers from the U of R and U of S are engaged in include:

<p><u>Ongoing or Confirmed Projects</u></p> <ul style="list-style-type: none"> • <i>Small Nuclear Innovation Policy Partnership (SSHRC Partnership Development Grant)</i> • <i>Rethinking IPRs for Open Innovation (SSHRC In-Sight Grant)</i> • <i>Integrated Training Program in Infectious Diseases, Food Safety and Public Policy (ITraP) (NSERC Create)</i> • <i>Experimental Decision Laboratory and SSRL (CFI Leadership Grant)</i> • <i>Creating Digital Opportunity (SSHRC Partnership Grant)</i> • <i>Leveraging Social Media in the Stem Cell Sector: Improving Public Engagement and Information Dissemination Strategies (NCE Stem Cell Network)</i> • <i>Stem Cell Network Public Policy Impact Grant (NCE Create)</i> • <i>Pace-'Omics: Personalized, Accessible, Cost-Effective Applications of 'Omics Technologies (Genome Canada)</i> • <i>Canadian National Transplant Research Program: Increasing Donation and Improving Transplantation Outcomes (CIHR)</i> • <i>Designing Crops for Global Food Security: Canada First Research Excellence Fund (CFREF)</i> • <i>Application of Genomics to Innovation in the Lentil Economy (AGILE)(Genome Canada)</i> • <i>JSGS-Global Institute for Food Security Partnership (GIFS)</i> • <i>Reverse Vaccinology Approach for the Prevention of Mycobacterial Disease in Cattle (Genome Canada)</i>
<p><u>Submitted/Pending</u></p> <ul style="list-style-type: none"> • <i>Canada Excellence Research Chair (CERC) on food security (announcement pending)</i> • <i>SSHRC Synthesis Grant (submitted January 2016)</i>
<p><u>Anticipated Applications</u></p> <ul style="list-style-type: none"> • <i>CERCs (Fall 2015)</i> • <i>CFREFs on Water (USask) and Carbon Capture and Storage (URegina) (Winter 2016)</i>

It is important to reiterate that the goal of CISIP is to both secure funding for science, technology and innovation studies AND to help others secure funding for large-scale research. In many cases large-scale science projects, such as the recent Canada First Research Excellence Fund, are strengthened by a policy component; in other cases, such as the recent Genome Canada LSARP, science projects were unable to be funded without an integrated, relevant policy research program. The table below illustrates some of the research funding our work to date has leveraged for this campus and beyond.

Research Projects	CISIP Related Funding	Leveraged resources at the U of S and U of R	Leveraged resources beyond our campuses
Application of Genomics to Innovation in the Lentil Economy (Genome Canada)	\$214K	\$7.7M (U of S)	
Reverse Vaccinology Approach for the Prevention of Mycobacterial Disease in Cattle (Genome Canada)	\$404K	\$4.4M (U of S)	\$2.6M
Designing Crops for Global Food Security (Canada First Research Excellence Fund)	\$3.6M	\$33.6M (U of S and U of R)	
Creating Digital opportunity (SSHRC Partnership Grant)	\$162K	\$81K (U of S)	\$2.96M
Rethinking IPRs for Open Innovation (SSHRC Insight Grant)	\$46K		\$690K

A summary of base-line CISIP expenditures and revenues for the first three and a half years is provided in an attached detailed business plan in Appendix IV; as new projects are secured, they will raise our operating capacity.

7. Physical Resource Requirements

There are no anticipated additional physical requirements for CISIP at this stage. It is expected that any new faculty or administrative hires associated with the Institute over the coming years will be accommodated within existing JSGS space allocations. Initial administrative office space will be provided at the U of S campus.

8. Projected Staffing

As reflected in the attached business plan (Appendix IV), various new academic and administrative positions will support CISIP operations and research objectives. These include the hiring of a new Tier I CRC in Energy Policy, strategic operational support for the CISIP Director, research facilitator positions at both campus locations as well as various post-doctoral and student hirings based on research cluster priorities and allocations. JSGS resources and connections will provide in-kind administrative, HR, financial, communications, and outreach support through existing positions.

9. Risk Assessment and Management Strategy

As outlined below, several milestones and metrics will guide and measure CISIP progress towards its intended goals.

An initial risk analysis has identified no significant risks of the institute. The leadership is drawn from faculty ranks and a large number of grants are realized. While there are some incremental costs, they will be sustainable for at least three years given funding committed to date. The work and budget of CISIP will be actively managed. If anticipated growth is not forthcoming, the institute can be scaled to the long-term opportunity. A legacy of reputation and capacity would remain regardless of the long-term scale of the venture.

CISP's growth trajectory has been outlined through numerous targeted operational and academic achievements identified at multiple year intervals, based on criteria that will guide the selection of appropriate research clusters and the pursuit of research funding and collaboration to support CISIP growth and success. These criteria will include reference to:

- Areas of institutional scientific pre-eminence;
- Demonstrable significance relating to transformative science, social license, agenda-setting, decision-making and assessment;
- Academic, policy and governance leadership and expertise, including strong linkages within and to JSGS;
- Manageable scale and scope with strategic goals and tangible deliverables; and
- Reasonable short- and long-term funding prospects

It is anticipated that following its initial years of operation, CISIP will be self-sustainable without need for central university funding through obtaining resources from a variety of sources and activities as outlined below:

- Once CISIP is launched, the Institute will pursue a number of large-scale research grants and collaborations that would provide resources for CISIP operations;
- Initial stages of CISIP operations will include approaches to federal and provincial governments, as well as industry partners, to secure additional multi-year funding for operations and targeted research activities;
- On-going and new membership in and access to integral research facilities such as the SSRL and its suite of labs, including the Experimental Decision Laboratory (EDL), and the Policy Innovation Research Suite will provide a strong base for CISIP research activities.

10. CISIP membership and categories

As outlined in Section 4 above, research undertaken through CISIP will be undertaken and supported primarily through the creation of research clusters led by established policy and governance leaders in areas of scientific pre-eminence at the U of S and U of R.

Initial research clusters will focus on bioscience and food security, energy, and digital analytics, with two additional clusters - water security and health - under development.

Each research cluster will include an academic lead, network members, fellows, affiliated organizations and partnerships and students.

11. Advisory Committee

To assist with CISIP governance, an Advisory Committee will be established to provide strategic advice on CISIP priorities and support the development of national and international partnerships;

More specifically, the Advisory Committee will ensure that:

- the research direction of CISIP stays nationally and internationally relevant;
- research of international quality is being undertaken; and,
- CISIP is connected to other significant national and international programs.

The Advisory committee will consist of national and international leaders from academia, government and industry with knowledge and expertise in areas relating to science, innovation and policy. Members will be selected based on their links to the theme areas of CISIP and their abilities to help build connections and partnerships across sectors for CISIP, both in Canada and abroad.

Appendix III provides a preliminary list of the types of individuals that may be approached to consider serving as members of the CISIP Advisory Board. Meeting frequency will be determined based on needs arising from CISIP but it is anticipated that the Advisory Board will meet at least annually.

12. Relationships with University and External Entities

As an Institute dedicated to the development of and support for research clusters spanning scientific, social scientific and humanistic fields, and integrating participation from diverse sectors including public, private and civil society sectors, CISIP will engage with and be of benefit to numerous academic units and research entities.

JSGS will host CISIP on behalf of both universities. Research clusters and activities will reflect interests from across the U of R and U of S scholarly communities. As noted above, extensive consultation across both campuses was undertaken prior to development of the CISIP concept. Based on those discussions and the goals and objectives outlined above, close collaboration in this initiative is confirmed or anticipated with numerous units or facilities including the following:

U of R Campus

- Arts
- Science
- Sociology
- Engineering and Applied Science
- Prairie Adaptation Research Collaborative
- Institute for Energy, Environment and Sustainable Communities

U of S Campus

- Agriculture and Bioresources
- Arts and Science
- Edwards School of Business
- Engineering
- Law
- School of the Environment and Sustainability
- School of Public Health
- Veterinary Medicine
- Canadian Light Source
- Vaccine and Infectious Disease organization/International Vaccine Centre
- Global Institute for Food Security
- Global Institute for Water Security
- Sylvia Fedoruk Canadian Centre for Nuclear Innovation

Scholarly Work

To achieve its research objectives, CISIP will engage core faculty with particular expertise from JSGS at the U of S and U of R and beyond to build research clusters focused around specific thematic areas.

The following JSGS scholars will provide the core research support for CISIP:

- Michael Atkinson – science and society
- Ken Coates – digital economy and northern innovation
- Murray Fulton – science, agriculture and market structures
- Pat Gober – water security
- Justin Longo – big data analytics
- Kathy McNutt – digital analytics and energy policy
- Peter Phillips – bioscience policy and science and innovation studies
- Greg Poelzer – northern innovation
- Jeremy Rayner – energy policy
- Amy Zarzeczny – biotechnology and health law and policy

In addition, numerous faculty members from the U of R and U of S, as well as others from other academic, public, private and civil society sectors, have either committed to or been identified (through collaboration or the consultations) for potential participation in the initial research clusters as outlined below:

RESEARCH CLUSTER	CLUSTER LEAD	EARLY U OF S AND U OF R FACULTY INTEREST AND/OR POTENTIAL COLLABORATORS
Bioscience and Food Security	Peter Phillips, JSGS, U of S	Stuart Smyth, Bill Kerr, Jill Hobbs and Richard Gray, BPBE; Martin Phillipson, Law; Susan Whiting and Carol Henry, Nutrition; Murray Fulton and Michael Atkinson, JSGS
Energy	Jeremy Rayner, JSGS, U of S AND CRC 1, U of R	Bill Kerr, BPBE; Loleen Berdahl, Kali Deonandan and Greg Poelzer, POLS; Maureen Bourassa, ESB; Joel Bruneau, Econ; Kathy McNutt and Ken Coates, JSGS
Digital Analytics	Justin Longo, JSGS, U of R	Richard Gray, BPBE; Carl Gutwin and Nathan Osgood, CompSci; Dean Chapman, CLSI; Kathy McNutt and Ken Coates, JSGS
Health	Amy Zarzeczny, JSGS, U of R (Under development)	Wallace Lockhart, URegina
Water Security	Pat Gober, JSGS, U of S (Under development)	Margot Hurlbert , URegina

Impacts Strengthened Through Relationships

As noted above, Saskatchewan currently lacks a mechanism through which concerns regarding the broader policy opportunities and governance challenges of science and innovation can be systematically explored and addressed. A research centre like CISIP will enable JSGS and the province's two universities to address this vital need by expanding and coordinating research collaboration throughout the academy and beyond in ways that effectively bolster the impacts of scientific and innovative pursuits for the benefit of broader society. The ultimate goal is to strengthen our respective national reputations and to provide leadership in select global policy fields.

Research projects across natural and applied sciences, social scientific and humanistic fields in areas of shared concern are currently not coordinated. Moreover no forum currently exists to evaluate what initiatives have already been undertaken, what research needs to be done and how to best address issues in these areas. Through coordinating activities and related engagement across academic, private and community sectors, CISIP will identify and leverage potential funding opportunities and spaces where social scientists can explore aspects of scientific inquiry and impact, as well as where science can benefit from social scientific and other analyses. In so doing, JSGS will allow our two campuses to take the lead in science and innovation policy development and elevate both universities' national reputations through their balanced and inclusive commitment to science, innovation and society.

CISIP will build upon existing funded research projects as well as other projects in-process funded by a wide array of agencies including SSHRC, CIHR, CERC, CFREF and CRC programs and Genome Canada. In addition, agreements with major research institutes in Saskatchewan – including agreements in principle with the Sylvia Fedoruk Canadian Centre for Nuclear Innovation and the Global Institute for Food Security – will provide funds to cover both research and some operating costs. MOAs are being worked on to formalize those partnerships. Similar MOAs will be pursued as appropriate with the Global Institute for Water Security, the International Minerals Innovation Institute and other initiatives at the two universities and beyond.

The activities of CISIP will be mutually beneficial in enhancing existing work through new connections while elevating the impact of the research through new networks beyond our campuses. Results will include research and tools that could assist researchers and representatives from public, private and community sectors better understand the policy and governance challenges of getting innovations approved, adapted and adopted for use in broader society.

13. Contributions Beyond Research

JSGS will build on its existing relationships with public, private and civil society sectors around the world to develop a 21st century process and tool kit to support design and implementation of better policy and governance practices around science and innovation.

Each research cluster area will collaborate with and be of benefit to key partners from academic, public, private and civil society sectors. Building on existing and new relationships, CISIP will increase: collaborative engagement in research grants (more co-applications); high impact publishing in top journals and monograph series; proactive co-publishing and co-supervision; and engagement in proactive knowledge-transfer activities (e.g. policy briefs, media contact, participation in policy symposia with government and industry). JSGS students will also have the opportunity to engage in themed research activities relating to their areas of study. This will include engaging in seminars and symposia, participating in cross-methods training (learners/trainers) and contributing to the research and knowledge transfer continuum.

In so doing, CISIP will bring a variety of value-added activities and engagement to U of R, U of S and beyond. CISIP's broad value-added components will include:

- Increased opportunities and mechanisms for more effective coordination among researchers and scholars in the sciences, social sciences and humanities, across our campuses and beyond, with expertise relating to the policy and governance dimensions of science and innovation;
- New opportunities for JSGS to take the primary lead on research projects that build on academic expertise (i.e., strategic assessment, societal engagement and support for decision-making) and in areas of institutional scientific strength;
- Broadened training and research opportunities for JSGS and other faculty and students;
- Enhanced knowledge mobilization and translation of innovation within public and private sectors;
- Matured capacity to respond to increasing demand for clear policy applications and impacts in science and innovation research proposals and projects;
- Expanded leadership and visibility, both domestically and internationally, for the U of R and U of S in key research areas; and,
- Strengthened capacity to pursue and manage large-scale multidisciplinary research projects including through the leveraging of additional resources and partnerships both on and beyond our campuses.

14. Performance Metrics and Measuring Success

The systematic assessment of CISIP will follow the required U of R review processes for centres and internal processes determined by the executive director of JSGS. In addition, CISIP will also

take into consideration and accommodate review processes at the U of S as enacted by the Office of the Vice-President Research including considerations outlined by U of S Policy on Centres, the Task Force on the Management of Centres Report and the Report of the Implementation Team for the Management of Centres.

Systematic assessments will include a review to be undertaken in the fifth year following the centre’s establishment and will recur on a five-year cycle after that time, aligning with the university’s integrated planning cycle. The review process will be coordinated by the executive director of JSGS and will include annual reports prepared by the centre.

Milestones and Success Metrics

In addition to a review after the fifth year of CISIP operations, milestones and success metrics have been identified to guide and measure institutional progress towards its intended goals:

Milestone/Metric	Baseline 2014-15	Year One	Year Three	Year Five
Research Funding	about \$100K annual flow	~\$1.25M annual flow	~\$1.5 annual flow	\$1.75 annual flow including leadership on at least one large grant
Operations and Capacity	Na	Hire strategic administrator and 2 RFs; hire CRC1; hire 2 new faculty and post-docs in energy cluster	At least one more incremental faculty	Sustain hires; reach goal is to secure one or more endowed chair
Research Leadership	A few grant co-applicants; zero leads on large-scale grants	Establish research clusters; co-applicant or lead on partnership and synthesis grants	Lead on at least one large-scale grant application	Lead and/or co-applicant on one on-going large-scale grants in each research cluster
Institute Outputs	None	Consolidate base of major works in past; publish at least two books and journal articles in each cluster	Move publishing to higher impact journals	Sustained publishing in high-impact journals
Knowledge Transfer – Training/Research	None	Establish policy briefs series	International training partnership	Establish modularized training

To support and monitor successful achievement of CISIP objectives including the above milestones, a thorough review focused on sustainability, outcomes and engagement with humanities, natural sciences and social sciences across both campuses will be undertaken within three to five years of establishment.

List of Attachments

Appendix I

Consultation Summary for Proposed CISIP

Appendix II

Letters of Support and/or commitment for CISIP:

JSGS Executive Director, Dr. Kathy McNutt and Director, Dr. Jeremy Rayner (joint letter);

U of S Vice-President of Research, Dr. Karen Chad to the UofS Planning and Priorities

Committee including reference to commitments from the U of S Provost's Committee on Integrated Planning;

Executive Director of the Sylvia Fedoruk Canadian Centre for Nuclear Innovation, Dr. Neil Alexander;

Executive Director and CEO of the Global Institute for Food Security, Dr. Maurice Maloney; and Interim U of S Dean of Graduate Studies and Research, Dr. Adam Baxter-Jones.

Appendix III

Sample List of Potential Advisory Board Members

Appendix IV

Business Plan 2015-2019

October 27, 2015

Dear Members of the University of Saskatchewan Planning and Priorities Committee:

We are writing to express our strong support for the creation of the new Canadian Institute on Science and Innovation Policy (CISIP) at the Johnson-Shoyama Graduate School of Public Policy (JSGS).

As outlined in the proposal to establish CISIP, this innovative research institute will draw together representatives from across academic, public, private and civil society sectors to enhance research and understanding of the policy and governance dimensions of science and innovation. Building on JSGS expertise in strategic assessment, societal engagement and decision-making, CISIP will advance research in areas of scientific strength at both the University of Saskatchewan (U of S) and the University of Regina (U of R). The purpose is to ensure that the growing reputation of our two universities in strategic areas of science and innovation is matched by a capacity to address the social, economic and political challenges they raise.

While various centres in Canada and beyond look to address intersections relating to science, innovation and society, many are narrowly focused on either the work of specific researchers or on limited aspects of the science-society interface. Canada and Saskatchewan currently lack a forum in which the broad policy opportunities and specific governance challenges of science and innovation can be systematically addressed. CISIP will commission and organize research, but it will also act as a coordinating research centre that will mobilize the considerable expertise that exists within both universities. The emphasis will be on making systematic connections between research activities in science, innovation and technology policy and supporting a long-term vision for integrated research platforms.

The extensive consultation process undertaken on both campuses to support this initiative suggests that initial research should focus on institutional priorities relating to energy, digital analytics, bioscience and food security, with additional areas identified for further development in water security and health. JSGS is well positioned to host CISIP on behalf of our province's two universities. Our faculty have expertise and experience in these areas and Innovation, Science and Technology has been identified as one of three research clusters within the School. But the work of the Institute will not be done entirely by JSGS. The School's researchers have the networks and capacity to quickly build an international profile for the Institute but its success will depend on mobilizing expertise from across the Province.

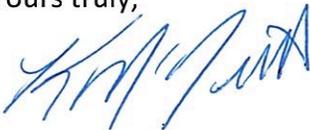
As outlined in this proposal, CISIP will build on funding from multiple university and external sources to support its research activities and operations. In addition, JSGS will provide extensive support from both campus locations through the following current allocations:

- CRC Tier 1 – Energy Policy
 - 100% or \$300,000/year X 5 years
- CISCO Research Chair – One Big Data
 - 33% or \$100,000/year X 5 years
- Fulbright Chair – final allocation to CISIP
 - \$25,000 X 1 year
- Robertson Scholars
 - \$55,000/year (\$20K/year for MPP and \$35K/year for PhD) X 5 years
- Annual Science and Public Policy Lecture hosted by JSGS
 - \$5,000/year (Robertson donation)
- Allocation of graduate student services for research facilitation
 - \$11,000/year X 3 years
- In-kind support and funding for governance/operations
 - \$43,560 X 4 years (Director travel, administration/communications/financial support, etc.)

The CISIP initiative at the JSGS presents a rare and unparalleled opportunity for the U of S and the U of R to collaborate with one another and with public, private and civil society sector partners in supporting cutting edge research and knowledge transfer in areas of international and local concern. Not only will CISIP greatly enhance the way research is undertaken across a broad spectrum of disciplines, it will support the development of relationships that are sufficiently broad enough to address large-scale global issues.

Thank you for your consideration for the creation of CISIP at JSGS and please don't hesitate to let us know should you require any further information.

Yours truly,



Kathleen McNutt
Executive Director
Johnson-Shoyama Graduate School



Jeremy Rayner, Director
University of Saskatchewan Campus
Johnson-Shoyama Graduate School

November 3, 2015

Dear Members of the University of Saskatchewan Planning and Priorities Committee,

I am writing to share my enthusiastic support for the establishment of the Canadian Institute on Science and Innovation Policy (CISIP) at the Johnson-Shoyama Graduate School of Public Policy. The centre proposal is the result of widespread discussions to identify a significant research area of great importance to the Johnson-Shoyama Graduate School of Public Policy and to carry out their discovery vision which aligns with the priorities of the University of Saskatchewan.

With the view of fully harnessing their research capacity, the school has developed a comprehensive strategic research plan. Through a consultative process, the school's faculty members identified three areas of research priority: 1) Governance; 2) Inequality and Social Policy; and 3) Innovation, Science and Technology. While CISIP will contribute to all three priority areas, the proposed centre is an integral structure for fulfilling the research goals and objectives of the school's strengths in "Innovation, Science and Technology" policy research. The creation of this Type A centre will enable the school of public policy to harness an area of research strength in a formal framework that provides coordination and integration within the school and enhances their reputation in an area of strategic importance for a multidisciplinary graduate school of public policy.

The proposed Canadian Institute of Science and Innovation Policy creatively addresses an important area of research in a coherent framework within the school, but also benefits our campus community and external partners and key stakeholders. CISIP will focus on policy research, but its impact will be felt across a wide-variety of disciplines. The centre will create a hub linking U of S research, from science to the humanities, with the public, private, and civil society sectors of both Canada and other countries around the world. By fostering collaborative research programs investigating the policy and governance dimensions of science and innovation, CISIP will enable us to maximize the adoption of U of S innovations by the private and public sectors.

By decision of the Provost's Advisory Committee on Integrated Planning I'm pleased to confirm a financial commitment of up to \$160,000/year for three years from University of Saskatchewan to support CISIP. These resources will enable the hiring of an associate director position and provide appropriate operational expenses.

I support this proposal which seeks to create a centre around science and innovation policy research. It will result in a systematic understanding of the innovation ecosystem to guide the development of informed integrated research platforms and as such, I look forward to the significant contributions it will make in the years ahead.

Sincerely,



Karen Chad, Ph.D.
Vice-President Research

October 29, 2015

Professor Jeremy Rayner
Director and Centennial Research Chair
Johnson-Shoyama Graduate School for Public Policy
101 Diefenbaker Place
Saskatoon, SK S7N 5B8

Dear Professor Rayner,

The Fedoruk Centre continues to support the establishment of the Canadian Institute for Science and Innovation Policy (CISIP).

CISIP aligns with the Fedoruk Centre's thematic areas related to the social, policy and environmental implications of nuclear technology and is considered a means by which the Fedoruk Centre can contribute to building expertise and capacity in Saskatchewan.

At its most recent meeting, the Fedoruk Centre Board of Directors reaffirmed its support in principle for CISIP through an overall investment of \$2 million, starting with an initial investment of \$700,000 to recruit research leadership and assist with the institute's start up. The Board's final approval will be subject to:

- Approval and establishment of CISIP by the University;
- Finalization of a partnership agreement between JSGS and the Fedoruk Centre; and
- Submission of work packages and associated budgets for the proposed packages of work.

The Board understands the issues with regard to timing and has asked for this issue to be dealt with by a special meeting of the Board as soon as details are finalized.

The Fedoruk Centre is pleased to be a partner on this initiative. We believe that CISIP has the potential to deliver very beneficial impacts related to an improved understanding of the social, policy and public engagement implications related to the development of nuclear and other complex technologies.

Kind regards,



Neil Alexander
Executive Director

Neil Alexander
Executive Director
Phone: (306) 966-3376
neil.alexander@fedorukcentre.ca
www.fedorukcentre.ca



Growing science for life

GIFS | GLOBAL INSTITUTE
FOR FOOD SECURITY

PotashCorp - a Founding Partner

October 29, 2015

Dr. Peter Phillips
Distinguished Professor and Graduate Chair
Johnson-Shoyama Graduate School of Public Policy
University of Saskatchewan

Dear Peter:

The Global Institute for Food Security (GIFS) is pleased that the Johnson-Shoyama Graduate School of Public Policy (JSGS) is working to consolidate all of the School's research activities in the science, technology, and innovation space under the proposed Canadian Institute for Science and Innovation Policy (CISIP).

I am pleased to confirm that GIFS and JSGS, through the CISIP, are in the process of developing a long-term strategic partnership that involves the following components:

1. An MOU signed in 2014 that laid the groundwork for a partnership between the JSGS and GIFS.
2. A motion taken in June 2015 by GIFS Board of Directors to invest up to \$100,000/year for the next three years in joint programming.
3. Peter Phillips, incoming Director of CISIP, was a co-applicant and now lead of theme 4 of the CFREF on *Designing Crops for Global Food Security*, a successful \$37.2 million grant. The JSGS and CISIP will work with GIFS to coordinate and manage the work plan and will undertake much of the work for theme 4, with an approved budget of \$3.6 million over seven years.
4. JSGS, through CISIP and Dr. Phillips, is an active partner in other research competitions involving GIFS, including the apomixis research program led by Dr. Tim Sharbel, GIFS Research Chair in Seed Biology, and the CERC competition for Food Systems and Security.

We look forward to the creation of CISIP and see it as an important institutional innovation to assist us to remain competitive in national and international large-scale science competitions.

Yours truly,

Maurice Moloney
Executive Director and CEO

MMM/alm

From: Baxter-Jones, Adam
Sent: August 21, 2015 3:47 PM
To: Schmeiser, Peggy; Lukey, Heather
Cc: Reid, Beatrice; Phillips, Peter
Subject: RE: Meeting regarding potential GSFs and GRFs for a new research institute at GSPP

Dear Peggy, I am happy to say that CGSR would be willing to support 2 GSF's for a 5 year period starting 2015/16. Heather will be in contact to assist in the awarding of the GSF.

Sincerely

Adam

Adam Baxter-Jones, Ph.D.
Interim Dean of Graduate Studies and Research and Professor Kinesiology
College of Graduate Studies and Research Telephone: (306) 966-5759
University of Saskatchewan, Facsimile: (306) 966-5756
105 Administration Place,
Saskatoon, SK, S7N 5A2, Canada e-mail: baxter.jones@usask.ca

From: Schmeiser, Peggy
Sent: Tuesday, July 21, 2015 3:45 PM
To: Baxter-Jones, Adam <baxter.jones@usask.ca>; Lukey, Heather <heather.lukey@usask.ca>
Cc: Reid, Beatrice <beatrice.reid@usask.ca>; Phillips, Peter <peter.phillips@usask.ca>
Subject: Re: Meeting regarding potential GSFs and GRFs for a new research institute at GSPP

Hi Adam and Heather,

Thanks for our discussion back in May Adam regarding an application for GSFs for the new Canadian Institute on Science and Innovation Policy (CISIP) at the Johnson-Shoyama Graduate School of Public Policy (JSGS).

As discussed, we've developed the attached proposal for your and Heather's consideration of potentially 2-3 GSFs / year for the Institute. (We're anticipating CISIP to be approved and launched early this fall.)

We'd welcome any feedback or response you may have at this stage and would be pleased to provide any additional information you might need for your consideration of this request.

Thanks for your assistance and I hope you're enjoying a wonderful summer.

Best wishes, Peggy

*Peggy Schmeiser, PhD
Special Advisor, Office of the Vice-President Research
Policy Fellow, Johnson-Shoyama Graduate School of Public Policy
University of Saskatchewan
Telephone: (306) 966-3266
Cell: (306) 371-2272
E-mail: peggy.schmeiser@usask.ca*

Appendix III
Sample List of Potential Advisory Board Members

Neil Alexander - Executive Director, Sylvia Fedoruk Canadian Centre for Nuclear Innovation

Ron Doering – Gowlings and Co; first President, CFIA; Law and public policy/admin; Aboriginal, environmental, food/ag law, policy and regulation

Edna Einsiedel – Professor, Communication Studies, University of Calgary

Tim Gitzel - CEO Cameco

Janet Halliwell - extensive senior leadership positions in federal science policy and publishing; Member of Canadian Science Policy Board of Directors; involved in founding of NSERC, CFI, CIHR, CRCs, etc.

Ken Knox - Chair of the Canadian Science, Technology and Innovation Council (STIC); former Ontario Deputy Minister of Agriculture and Deputy Minister of Energy, Science and Technology. He has extensive experience leading Canadian science, technology and innovation organizations including the Ontario Research and Development Challenge Fund, Ontario Genomics Institute and the Innovation Institute of Ontario

Brenda LePage - ADM, Western Economic Diversification, SK Region

Kevin Lynch - former Clerk, Privy Council; vice chairman of BMO Financial

Doug Moen - Deputy Premier to the Premier of Saskatchewan

Maurice Moloney, Executive Director, GIFS

Penny Park, Science Media Centre of Canada

Gilles Patry - President and CEO, Canada Foundation for Innovation

Jacquelyn Scott – Member of STIC, former President of Cape Breton University, former CANARIE Board Chair

Greg Traxler - prior Senior Program Officer at Gates Foundation and research economist at CIMMYT ; Professor of Ag Economics and Policy, WSU

Esther Turnhout University of Wageningen – Professor: Political theory, public policy - science, technology and environmental politics

Coleen Volk - Deputy Secretary to the Federal Cabinet, U of S Champion in Ottawa

Appendix V CISIP Business Plan 2015-2019

Expenditures		Expenditure by year					Sources of funds						
		2015-16 (Nov-Apr)	2016-17	2017-18	2018-19	Total	JSGS-USask	JSGS-URgina	External Partners		U of S OVPR Facilitator program	USask Central	URgina
Governance/Operations													
*	Director - Admin Salary Stipend	2,500	5,000	5,000	2,500	15,000	7,500	7,500				0	
*	Strategic Administrator	67,188	135,719	137,076	69,223	409,206						409,206	
*	Other Travel and consumables	6,250	12,500	12,500	6,250	37,500						37,500	0
*	Advisory Committee (meetings)	5,000	10,000	10,000	5,000	30,000						30,000	0
	Administrative, communications and accounting support	15,000	30,600	31,212	31,836	108,648	54,324	54,324					
Outreach													
*	Robertson Science and Public Policy Lecture	5,000	5,000	5,000	5,000	20,000			Robertson Trust UofR	20,000			
	Other Outreach Activities		5,000	5,000		10,000			Toop Fund UofS	10,000			
*	Fedoruk Themed Events (symposiums)	20,000	30,000	30,000		80,000			Fedoruk	80,000			
Research Facilitation													
*	Research Facilitator - Uof S, 1 FTE (ASPA SP2)*	42,778	87,266	89,011	90,792	309,847	4,923		\$120K Fedoruk \$30K GIFS	150,000	154,923		
*	Research Officer - Uof R, 1 FTE *	42,778	87,266	89,011	90,792	309,847		9,847					300,000
	Graduate Students Services--JSGS USask	5,000	5,000	5,000	5,000	20,000	20,000						
	Graduate Student Services--JSGS URegina	6,000	6,000	6,000	6,000	24,000		24,000					

Appendix V CISIP Business Plan 2015-2019

	Graduate Student Services-- CGSR USask	5,400	10,800	10,800	5,400	32,400			Usask CGSR GSFs	32,400			
Research Grants & Contracts													
	Faculty/Fullbright Chair	25,000				25,000	25,000						
**	CISCO Research Chair in Big Data (33% of \$300K/year)	50,000	100,000	100,000	100,000	350,000		350,000	Cisco endowment				
**	CRC (Tier 1) in Energy Policy (100% of \$300K/year)	150,000	300,000	300,000	300,000	1,050,000		1,050,000	CRC Program				
**	Robertson Scholars	55,000	55,000	55,000	55,000	220,000			Robertson Endowment	220,000			
**	Fedoruk Strategic Alliance on Energy Policy	540,000	630,000	630,000		1,800,000			Fedoruk \$2M over 3 yrs less project symposium \$80K less research facilitator \$120K	1,800,000			
**	GIFS Strategic Alliance on Food Security	90,000	90,000	90,000		270,000			GIFS \$300K over 3 yrs less research facilitator \$30K	270,000			
	Genome Canada - Agile Project	50,000	80,000	55,000	30,000	215,000	55000		Genome Canada	160,000			
	Genome Canada - My VAX Project	82,000	177,000	179,000	52,000	490,000			Genome Canada	490,000			
**	CFREF- Designing Crops for Food Security	200,000	500,000	700,000	800,000	2,200,000			CFREF	2,200,000			
	SSHRC Partnership Grant on Creating Digital Opportunity	27,000	54,000	54,000	0	135,000			SSHRC	135,000			

Total Allocations and Contributions: \$8,161,447 as follows:

U of R allocations and contributions: \$1,815,671

JSGS \$1,495,671

Robertson Trust \$20,000

U of R Central \$300,000

U of S allocations and contributions: \$840,776

JSGS \$166,747

Toop Fund \$10,000

CGSR \$32,400

OVPR Facilitator Program \$154,923

USask Central: \$476,706

Contributions from other sources: \$5,505,000

February 12, 2016

Dear Council Committee on Research:

We are writing to express our strong support for the creation of the new Canadian Institute on Science and Innovation Policy (CISIP) at the Johnson Shoyama Graduate School of Public Policy (JSGS).

As outlined in the proposal to establish CISIP, this innovative research institute will draw together representatives from across academic, public, private and civil society sectors to enhance research and understanding of the policy and governance dimensions of science and innovation. Building on JSGS expertise in strategic assessment, societal engagement and decision-making, CISIP will advance research in areas of scientific strength at both the University of Regina (U of R) and the University of Saskatchewan (U of S). The purpose is to ensure that the growing reputation of our two universities in strategic areas of science and innovation is matched by a capacity to address the social, economic and political challenges they raise.

While various centres in Canada and beyond look to address intersections relating to science, innovation and society, many are narrowly focused on either the work of specific researchers or on limited aspects of the science-society interface. Canada and Saskatchewan currently lack a forum in which the broad policy opportunities and specific governance challenges of science and innovation can be systematically addressed. CISIP will commission and organize research, but it will also act as a coordinating research centre that will mobilize the considerable expertise that exists within both universities. The emphasis will be on making systematic connections between research activities in science, innovation and technology policy and supporting a long-term vision for integrated research platforms.

The extensive consultation process undertaken on both campuses to support this initiative suggests that initial research should focus on institutional priorities relating to energy, digital analytics, bioscience and food security, with additional areas identified for further development in water security and health. JSGS is well positioned to host CISIP on behalf of our province's two universities. Our faculty have expertise and experience in these areas and Innovation, Science and Technology has been identified as one of three research clusters within the School. But the work of the Institute will not be done entirely by JSGS. The School's researchers have the networks and capacity to quickly build an international profile for the Institute but its success will depend on mobilizing expertise from across the Province.

As outlined in this proposal, CISIP will build on funding from multiple university and external sources to support its research activities and operations. In addition, JSGS will provide extensive support from both campus locations through the following current allocations:

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 - \$11,000/year x 3 years
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The CISIP initiative at the JSGS presents a rare and unparalleled opportunity for the U of R and the U of S to collaborate with one another and with public, private and civil society sector partners in supporting cutting edge research and knowledge transfer in areas of international and local concern. Not only will CISIP greatly enhance the way research is undertaken across a broad spectrum of disciplines, it will support the development of relationships that are sufficiently broad enough to address large-scale global issues.

Thank you for your consideration for the creation of CISIP at JSGS; and please don't hesitate to let us know should you require any further information.



Kathleen McNutt, Executive Director
Johnson Shoyama Graduate School of Public Policy



Jeremy Rayner, Director, U of S campus
Johnson Shoyama Graduate School of Public Policy

/tlhp