
SENATE STANDING COMMITTEE ON RESEARCH AND GRADUATE STUDIES

Regular Meeting
Tuesday, September 14, 2021
2:00 p.m. – 4:00 p.m.
MS Teams Online

AGENDA

1. Territorial Acknowledgement and Call to Order 2:00
2. Approval of Agenda
3. Update on Research and Scholarship.....Sandy Vanderburgh 2:05
4. Approval of Minutes, June 24, 2021..... Daniel Bernstein 2:20
5. Chair's Report Daniel Bernstein 2:25
6. AVPRIGS Report.....Deepak Gupta 2:30
7. Chair, REB Report.....Tara Lyons 2:45
8. New Business
 - 8.1. Pedagogical Merit Review Workflow..... Deepak Gupta, Amy Jeon 3:00
 - 8.2. Research Presentation Victor Martinez 3:15
9. Adjournment to Closed Meeting

SENATE STANDING COMMITTEE ON RESEARCH AND GRADUATE STUDIES

MINUTES OF REGULAR MEETING

Thursday, June 4, 2021

2:00 p.m. – 4:00 p.m.

MS Teams Online

Voting Member Quorum 7 members		
Paul Adams Daniel Bernstein – Chair Deepak Gupta Deborah Henderson Karen Meijer-Kline Joel Murray	Mandeep Pannu Sundeep Varaich Diane Purvey Mark Vardy Elizabeth Worobec	Non-voting
		David Burns
Regrets	Senate Office	Guests
Victor Martinez Paul Ohler	Meredith Laird	Tara Lyons Brian Moukperian Jim Rahaman Lori McElroy Darya Kostromitina Celine Li

1. Call to Order

The Chair opened the meeting with a Territorial Acknowledgement and called the meeting to order at 2:00 p.m.

2. Approval of Agenda

The committee approved the agenda as presented.

3. Approval of Minutes, May 13, 2021

The committee approved the minutes as circulated.

4. Chair's Report

Daniel Bernstein provided a verbal report. He thanked student member Simi Kaur for her contribution and shared that a new student, Celine Li, would begin her term with the committee in September. He thanked the three members whose term is expiring in July for renewing their membership and thanked David Burns, outgoing Vice-Chair, for his contribution and mentorship.

The Chair read from the report he has submitted to Senate on the work underway on the two action items from the White Paper on Research on Scholarship and informed the committee

that he attended a meeting of all Faculty Councils to discuss the Faculty- or School-specific plans for research.

He reminded the committee that its meetings are moving to Tuesday afternoons for the next session of Senate and that it will review its mandate in the fall. Lori McElroy requested that OPA be invited to attend those meetings to ensure it can continue to provide support and ensure materials from their office appropriately reflect the needs of the committee.

5. Associate Vice-President, Research, Innovation and Graduate Studies Report

The committee received the written report. Deepak Gupta highlighted that the competition for the Sherman Jen Research Chair Position is currently underway, and will employ the same approach as is used for the Canada Research Chair searches, including operating with an Equity, Diversity, and Inclusion lens in the composition of the nominating committee. It is hoped that the nominating committee will be able to meet over the summer for a September start for the Research Chair.

He also announced that KPU has been granted its third Canada Research Chair, Karen Davison, in Nutrition Informatics, and that the office of the AVPRIGS is working to secure lab space suitable for this work. Daniel Bernstein advised the committee that his Canada Research Chair will end in 2023 and suggested that this information might be shared more broadly so that other faculty members could be made aware of the timelines related to the next nomination.

Deepak Gupta informed the committee that Policy RS6 *Animal Use and Ethics in Teaching and Research* is now approved and in effect. He thanked the members of the Policy Working Group for their efforts in developing this policy and shared that in addition to this committee, he had sought feedback from the Senate Standing Committees on Teaching & Learning and on Curriculum.

Deepak Gupta shared that the Corporate Communications team will be providing training in media interviews for researchers and members or other faculty interested in obtaining this training, who should contact David Connop Price or Sucheta Singh to schedule this.

6. Chair, Research Ethics Board Report

The committee received the written report. Tara Lyons shared that the Research Ethics Board will have a new member, Zahaia Marzouk, starting in the fall, who will assist the team with the scholarship of teaching and learning.

Tara Lyons shared that the REB office has been kept busy with work on multijurisdictional files and with outreach to departments concerning course-based research. In July, the Research Ethics BC Administrators meeting will focus on course-based research and this should provide support to the REB in its work to update the course-based research template. Tara Lyons is planning for new documents to be available in time for faculty to use in their September course planning. She informed the committee that Professional Development for team members of the REB has included a focus on data management planning and she gave a heads-up to members of the committee that there will be an increased focus on guidelines and practices related to data retention. The committee discussed the development of the data retention plan and the fact that it is not always possible to predict the possible future uses of data.

New Public Health Orders are expected to be announced during the summer, and the REB will endeavour to communicate any changes to guidelines for in-person research as the announcements are made.

Tara Lyons invited the committee to take a moment to acknowledge the tragic loss of Katie Warfield from the KPU community.

7. New Business

7.1. Draft Policy AC13 *Minimum Faculty Qualifications*

Daniel Bernstein handed the Chair to David Burns.

Brian Moukperian, Dean, Faculty of Trades & Technology, described changes to the draft Policy AC13 and requested feedback on the draft Policy from the committee. He highlighted the consultations that have taken place with Faculty Councils and the Senate Governance and Nominating Committee. Josephine Chan shared that SGNC is currently the only Senate standing committee with a mandate to advise Senate on faculty qualifications.

The committee discussed how it may play an advisory role on faculty qualifications, its current mandate related to academic standards for graduate studies and whether the input sought from this committee should be broadened to include the conduct of research at any academic level. The discussion also included a consideration of other faculty credentials in addition to minimum qualifications, such as teaching research skills and the level of currency in the area taught. The committee discussed that student supervision at any academic level may call for further faculty training in ways to ensure this different instructor-student relationship can be most successful and that at other universities, incoming faculty are vetted by the Senate Committee on Research as part of the hiring process.

The committee discussed the possibility of providing advice about standards to the SGNC for graduate and undergraduate courses that relate to research, such as capstone or thesis courses and noted that minimum qualifications as described in the current table apply to departments, not at the level of individual courses.

David Burns handed the chair back to Daniel Bernstein.

7.2. Creating a fully-funded, staffed, and functional ORS

Deepak Gupta asked the committee for its advice about this item from the White Paper, about how to build a robust ORS appropriate to the aspirations of KPU, to become the one location with expertise and capacity-building to support researchers.

The committee discussed publishing support as a possible addition to the list of Programs and Services that were included in the agenda package and requested a more detailed explanation of some of the items on the list. The committee suggested grouping items into categories or themes which might then connect to individual roles.

Deepak Gupta will bring this item back to the committee with a specific request for the support he is seeking.

7.3. Developing a web application for Scholarly Impact Showcase

Deepak Gupta explained the work done to date in response to the committee's and White Paper's suggestions that there be more celebration of research at the institution. The ORS has been working on the development of a web application for researchers to create an online portfolio and contribute updates regularly.

Darya Kostromitina described further details from the concept paper. Lori McElroy shared with the committee that the Office of Planning and Accountability has a reporting responsibility and suggested that the SharePoint tool that was developed but not yet launched might be modified to support this research-specific need. The committee discussed that development of new applications that rely on expertise limited to a small number of employees is vulnerable to obsolescence as individuals change job functions or leave the University.

The committee discussed the balance between making information public and the security of information about projects, how Open Science Framework (OSF) is a popular tool that contains both an open and private repository for information, that making this information outward-facing could provide an incentive for faculty members to keep the information updated, as other similar reporting mechanisms experience difficulty encouraging regular reporting.

7.4. Alpha Release of ORS SharePoint Website

Jim Rahaman requested volunteers to provide feedback on the draft ORS SharePoint site so that this can be incorporated into the next update of the site in preparation for its launch. He suggested it would require approximately two hours of members' time and could take place over the next two weeks.

Action item: Darya Kostromitina will provide the link to the site to the Senate Office. The Senate Office will forward this to members who volunteered to provide a review: Mark Vardy, Joel Murray, Betty Worobec, Deborah Henderson, and Karen Meijer Kline

7.5. Survey on Teaching, Research & Library Supports

Lori McElroy shared a presentation on the portion of the most recent TRLS survey that concerned research, innovation, and graduate studies. She explained that the original impetus for the survey came from Teaching & Learning Commons, to investigate which supports could be available to students, and that this survey included questions about research and library supports for the first time.

The committee discussed the insights that can be gained from these data and the survey's usefulness in highlighting priorities for the institution as well as measuring progress against institutional goals.

The committee suggested that an infographic of the key takeaways from the survey would be a useful tool to share the insights gained more broadly throughout the institution and suggested the staff within the ORS or T&L Commons may be able to provide assistance in producing this communication piece.

7.6. Volunteer presenters for Oct, Nov, Jan meetings

Deborah Henderson volunteered to share her research for the October meeting, Mark Vardy volunteered to share his research in November.

8. Adjournment

The Chair wished the members a pleasant summer break: “Stay as sweet as you are, don’t ever change, have a nice summer, see you in the fall.”

The meeting adjourned at 3:55 p.m.

Highlights from Research, Innovation, and Graduate Studies Division

Report dated September 2, 2021

From the Office of the AVP, Research, Innovation, and Graduate Studies (AVPRIGS)

RESEARCH ADMINISTRATION LEADER JOINS KPU

Dr. Amit Shukla recently joined the Office of Research Services as Research Administration Leader. In this role, Amit will help manage institutional grants, internal funding competitions, and develop research and innovation partnerships through the end of this year.

Amit is an experienced research administrator and program manager with over 15 years of experience from the University of Saskatchewan, along with a strong research background as a scientist with Agriculture and Agri-Food Canada. He has extensive experience and knowledge of the full research continuum (laboratory research, project management, research administration, technology transfer, innovation, and entrepreneurship). Since moving to BC in Fall 2020, Amit has been working as an Executive-in-Residence with the Foresight CleanTech Accelerator supporting start-ups within the AgTech space with their business development. Amit's rich background in this sector is aligned with KPU's needs and aspirations.

Please join us in welcoming Amit to KPU. He can be reached at amit.shukla@kpu.ca.

KPU'S SUBMISSION TO POLYTECHNICS CANADA

[Polytechnics Canada](#) started a new initiative to collect and store all information in a searchable online database related to applied research capacity available at its member institutions. The database is intended to capture information on research space, equipment and expertise as it relates to various sectors served by the members. This initiative is in support of the current advocacy needs in Ottawa that "applied research capacity is more important than the physical infrastructure housing it."

KPU identified nine research fields for this database based on our six strategic research themes (Healthy Communities, Social Inclusion, Sustainable Development, Technology Transformation, Design Solutions and Work & Learning): KPU's submission also identified ten sectors served by the applied research capacity at KPU. As part of this report, KPU also submitted a list of relevant equipment available for applied research and data on the number of research personnel (faculty researchers and students) involved in applied research over the past one year.

The [Applied Research Inventory](#) can be updated as and when new information is available.

From KPU's Research Laboratories, Centres, and Institutes

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – FUNDING ADVANCEMENTS

1. Youth Employment Skills Programs. \$14,000 for Harvest Supervisor for Paige Leslie for the ISFS Farm School programs. - **Caroline Chiu**
2. Youth Employment Skills Program. \$13,000 for Livestock Supervisor for Franco Campomanes for the Tsawwassen First Nation Farm School. - **Caroline Chiu**

3. Canada Summer Jobs. \$5600 for Program Coordinator for Sarah Clements for Tsawwassen First Nation Farm School. - **Caroline Chiu**
4. Canada Summer jobs. \$10,900 for Farm Staff for Robyn Lakes and Katherine Aske for Tsawwassen First Nation Farm School. - **Caroline Chiu**
5. College and Community Social Innovation Fund Grants (NSERC/SSHRC). Redefining progress: Food system policy innovation for societal wellbeing. \$348,895. - **Naomi Robert and Dr. Kent Mullinix**

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – PUBLICATIONS

1. Harder R, Giampietro M, Mullinix K, Smukler S (2021b). Assessing the circularity of nutrient flows related to the food system in the Okanagan bioregion, BC Canada. *Resources, Conservation & Recycling*. The publication can be accessed at the [Science Direct](#).
2. Harder R, Mullinix K, Smukler S (2021c). Assessing the circularity of nutrient flows across nested scales for four food system scenarios in the Okanagan bioregion, BC Canada. *Frontiers in Sustainable Food Systems*. The publication can be found at the [Frontiers Open Access Publisher](#).

INSTITUTE FOR SUSTAINABLE HORTICULTURE - QUEEN ELIZABETH POST DOCTORAL FELLOWSHIP

After a long Covid-19 related delay, Dr. Janet Jimenez, Senior Lecturer Professor and Researcher at Centre for Energy and Industrial Process Studies, University of Sancti Spíritus “Jose Martí”, has arrived from Sancti Spíritus, Cuba, to begin a Queen Elizabeth Post Doctoral Fellowship at ISH. Her expertise is in fermentation, enzymology, microbiology, molecular biology and population ecology of bacteria.

During the fellowship, Dr. Jimenez will be working on a biogas digestate enrichment project with the following industry partners: Catalyst Energy Society, Point 4 Biotech and the EcoDairy.

External News and Updates

NEW NATIONAL SECURITY GUIDELINES FOR RESEARCH PARTNERSHIPS

On July 12, 2021, the Innovation, Science and Economic Development Canada ([ISED](#)) released new [National Security Guidelines for Research Partnerships](#), developed in collaboration with the [Government of Canada–Universities Working Group](#). The new guidelines will integrate national security considerations into the development, evaluation and funding of research partnerships.

The guidelines are effective immediately as a mandatory element of federal research partnership funding through the Natural Sciences and Engineering Research Council of Canada’s (NSERC) [Alliance Grants program](#) for any application involving private sector partner organizations.

Foreign not-for-profit and government organizations are already ineligible partners under this program. Applicants will be required to complete a risk assessment as an integral part of the grant application submitted to NSERC. The risk assessment and mitigation measures will be assessed by NSERC in consultation with national security agencies and departments on a case-by-case basis.

Following the announcement, the [University Affairs](#) online magazine published an informative article on how the new guidelines will unfold. The article can be found [here](#).

PULLING TOGETHER: A GUIDE FOR RESEARCHERS

The Pulling Together OERs are the result of collaboration between BCcampus, the Ministry of Advanced Education and Skills Training, and a steering committee of Indigenous education leaders. They are a living resource that can be adapted and localized, offering instruction and best practices that B.C. PSIs can use to Indigenize their institutions. The resources are intended to augment the existing training currently offered, recognizing that place-based Indigenous knowledges, languages, and practices are reflected in the localized delivery of Indigenized learning resources.

The newest Pulling Together: A Guide for Researchers resource provides knowledge, protocols, and processes that aim to ensure collaborative research, with the goal to rebuild communities and create places where we stand together. Different perspectives on the research process were provided by Indigenous creators. The guide is intended for the following audiences and learners, although can be further expanded and adapted:

- Indigenous researchers who work within post-secondary and Indigenous communities
- Non-Indigenous researchers who work with Indigenous communities and participants
- Post-secondary research departments, teaching faculty, and those who work in community partnership roles that involve the development and sharing of knowledge and research

The guide for researchers along with other resources can be accessed [here](#). A hard copy of the textbook is available for purchase on the www.open.bccampus.ca.

RAPID RESPONSE CALL: 2021 INNOVATIVE APPROACHES TO RESEARCH IN THE PANDEMIC CONTEXT

The COVID-19 pandemic has had a documented disruptive effect on researchers' ability to continue planned research activities, particularly community and field-based research. However, the pandemic also provides a unique opportunity to explore new directions in research methodologies, such as innovative approaches to increasing research inclusiveness through the proactive engagement and empowerment of community and other stakeholders to conduct research themselves.

The goal of this rapid response call is to accelerate the exploration of new approaches and the development and testing of new directions in research methodologies. It is expected that this call will predominately support new ways of conducting community and field-based research, since the pandemic has had the greatest impact on researchers' ability to collect data and conduct this type of research.

Rapid response grants will support projects to continue work that was interrupted or stalled by the pandemic and that trial and test a novel and innovative research approach with the potential to benefit Canada and the world.

Notice of intent to apply is due September 21, 2021, 8.00 pm EST. Full competition overview can be found on www.sshrc-crsh.gc.ca.

Acknowledgement

The Office of the AVP, Research, Innovation, and Graduate Studies acknowledges funding from the federal Research Support Fund in support of its operations and services.

Highlights from the KPU Research Ethics Board

Report to the Senate Standing Committee on Research & Graduate Studies

Submitted by Dr. Tara Lyons, Chair of the KPU REB

Prepared August 25, 2021 for activities June 15 to August 23, 2021

Review of Research Ethics Applications

KPU REB Ethics Applications

- Three applications were approved.
- Four files are awaiting PI revisions.
- Two applications are under review.

KPU REB Post Approval Activities

- Three amendments were reviewed and approved.
- One amendment is under review.
- Eleven completion reports were submitted.
- Three progress reports/annual renewals were approved.
- Forty-seven completion reports are outstanding.

Multijurisdictional Reviews

KPU REB Board of Record

- Three multijurisdictional applications awaiting PI revisions.
- Two multijurisdictional applications were reviewed and approved.

KPU REB as Partner Board

- One multijurisdictional application is awaiting PI revisions.
- One post approval activity was reviewed and approved.

Professional Development

1. The REB Chair and Coordinator attended the Research Ethics Board Administrators (REBA) meetings organized by Research Ethics BC.
2. The REB Chair attended the first meeting of the newly formed REBA Community of Practice. Regular meetings will be held, and both the Chair and Coordinator will attend.

Key Updates & Information Items

1. An *Information Management Lifecycle in Research Ethics* infographic has been created. It can be found on REB and RIGS SharePoint sites.
2. *Scholarship of Teaching and Learning Consent Form Template*: A template has been developed specifically for studies engaged in Scholarship of Teaching and Learning at KPU. It is under review with Dr. Jhangiani, AVP, Teaching and Learning.

3. *Consent Form Template:* Updates have been made to the standard consent form template. Changes include the addition of an open access section, instructions on the creation of data management plans, and more instructions related to privacy and technology. It will be distributed to faculty and posted on the REB website and SharePoint.
4. *ROMEIO Questions:* The REB application questions in ROMEIO have been revised and a notice will be sent to faculty notifying them of the changes once they are live. Key changes include requiring the most recent version of TCPS2 certificates, a new section on research with KPU students, and the requirement of data management plans.
5. *Course-Based Research (CBR) Template:* The CBR template has been updated and will be distributed to faculty once the CBR questions in ROMEIO are finalized.

SENATE STANDING COMMITTEE ON RESEARCH AND GRADUATE STUDIES

Agenda Item: 7.1

Meeting Date: September 14, 2021

Presenter(s): Deepak Gupta and Amy Jeon

Agenda Item	Pedagogical Merit Review Workflow
Action Requested	Motion
Recommended Resolution	<p>THAT the Senate Standing Committee on Research and Graduate Studies recommend that the Senate Standing Committee on Curriculum recommend that Senate approve the addition of the following fields to the Course Outline template:</p> <p>Does this course require the use of vertebrate or cephalopod animals? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide:</p> <p style="margin-left: 40px;">a) Date of the Pedagogical Merit review _____, and</p> <p style="margin-left: 40px;">b) Expiry date of the certification from the Animal Care Committee _____</p>

Committee Report

For Secretariat Use Only

On June 2, 2021, the President approved Policy and Procedure RS6 *Animal Use and Ethics in Teaching and Research*.

Context & Background

KPU’s educators and researchers have been undertaking teaching involving animals, and to a limited extent, research involving animals. To comply with Tri-agency requirements on use of animals in research, these researchers have collaborated with researchers from other institutions or have been students of those institutions which had certification, as allowed by the Canadian Council on Animal Care (CCAC). The continuing need for animal-based teaching and research at KPU as evidenced by academic requirements and external obligations and commitments has necessitated the need for a new Animal Use and Ethics in Teaching and Research policy framework. Having a policy framework is a precursor for KPU to attain and maintaining the Good Animal Practice certificate from CCAC. KPU will also be able to catch up with other post-secondary institutions across Canada in meeting a Tri-agency endorsed Canadian standard.

1. Should a Course include using animals as defined under policy R66, the Course Outline needs to go through the Pedagogical Merit review.
2. No Course Outline with animal use should be approved until the ACC has confirmed Pedagogical Merit.
3. It is recommended for a couple of questions to be added to Course Outlines that indicates a course involves animal use, with a follow-up box to indicate whether Pedagogical Merit review had yet occurred.

Key Messages

"Does this course require the use of vertebrate or cephalopod animals? Please check one Yes No"

"Please indicate the approval date of Pedagogical Merit Review for this course: _____"

4. If an Outline is submitted to SSCC with the "animal use" box checked but no certification of Merit Review, it would be directed to the ORS and ACC rather than being sent to Senate.

Consultations

Layne Myhre, Chair Animal Care Committee

Dr. Amy Jeon, Vice Chair, Senate

Attachments

Policy RS6 [Animal Use and Ethics in Teaching and Research](#) / [Procedure](#) (effective: June 2, 2021)

Submitted by

Deepak Gupta, AVP, Research, Innovation, and Graduate Studies

Date submitted

September 3, 2021