

SENATE STANDING COMMITTEE ON RESEARCH

Regular Meeting
Tuesday, October 24, 2023
2:00 p.m. – 4:00 p.m.
MS Teams Online

AGENDA

- | | |
|---|------|
| 1. Call to Order and Territorial Acknowledgement | 2:00 |
| 2. Approval of Agenda | |
| 3. Approval of Minutes, September 26, 2023 | |
| 4. Chair's Report | 2:05 |
| 5. Regular Reports | |
| 5.1. Associate Vice-President, Research, Innovation and Graduate Studies..... Amit Shukla | 2:10 |
| 5.2. Working Groups | |
| 5.2.1 SSCRGS Mandate Review (no report)Brett Favaro | |
| 5.2.2 Generating KPU Definition of Research (no report) Amit Shukla | |
| 6. Items for Information | |
| 6.1. Create Your Research Design..... Nishan Perera | 2:20 |
| 6.2. KPU's White Paper Research – Rebrand and Rename.....Daniel Bernstein | 2:35 |
| 7. Items for Discussion..... | 2:50 |
| 8. Adjournment | |

SENATE STANDING COMMITTEE ON RESEARCH

Minutes of Regular Meeting
Tuesday, September 26, 2023
2:00 p.m. – 4:00 p.m.
MS Teams Online

Voting Member Quorum: 6		
Amit Shukla Brett Favaro, Vice-Chair Daniel Bernstein, Chair Deborah Henderson Gayle Bedard Ishant Goyal Karen-Meijer-Kline Leeann Waddington	Paul Adams Shelley Boyd Sue Fairburn	Non-voting
Regrets	Senate Office	Guests
Alan Davis Catherine Schwichtenberg Mandeep Pannu	Sonia Banwait	David Burns

1. Call to Order and Territorial Acknowledgement

The Chair, Daniel Bernstein, called the meeting to order at 2:02 p.m.

2. Approval of Agenda

Daniel Bernstein moved the agenda be confirmed as circulated.

The motion carried.

3. Approval of Minutes, May 31, 2023

Daniel Bernstein moved the minutes be accepted as circulated.

The motion carried.

4. Chair's Report

The Chair welcomed returning members and introduced the new members to the committee and informed Amit Shukla is stepping in for Deepak Gupta as Acting Associate Vice-President, Research, during his leave.

The Chair provided an update on *White Paper on KPU's Research and Scholarship* and informed there are ongoing discussions and revisions taking place with the Provost, and this will be a priority for the 2023-24 academic year. He informed he will be working with one faculty member and one student representative from the Office of Research Services (ORS) come Spring 2024 to continue revision. Revisions will include consultations with faculty councils, the KFA, and external program advisory groups. The documents will be brought to SSCR regularly for committee feedback.

The Associate Vice-President, Indigenous Leadership, voiced concern over the name of the document and the negative connotation associated with it. The Chair acknowledged the concern and informed the name will be revised promptly to be more inclusive.

4.1. Mandate and Membership Review

The committee reviewed the updated SSC Research mandate and membership.

5. Items for Information

5.1. Graduate Studies Update

David Burns, Associate Vice-President, Academic, informed this academic year, the Provost's office will propose a Faculty of Graduate Studies in accordance with Policy and Procedure GV9, a new policy on graduate studies and revisions to existing policies to accommodate graduate studies. In addition to this, the Provost's Office will also propose KPU's first master's program, working with the Melville School of Business.

6. Regular Reports

6.1. Associate Vice-President, Research, Innovation and Graduate Studies

Amit Shuka, Acting Associate Vice-President, Research, Innovation, Graduate Studies, presented his report.

6.2. Working Groups

6.2.1. Mandate Review

The Chair advised that although the Mandate and Membership has recently undergone a significant change, a working group is required to maintain any changes throughout the year. Brett Favaro volunteered to lead the working group, along with Sue Fairburn.

6.2.2. Curating Research Presentations

The Chair asked for committee input on keeping this working group in place. Amit Shukla advised that the ORS will be running similar research presentations throughout the year during lunch and learn sessions, open to committee members to attend. The committee opted to disband this working group.

6.2.3. Generating KPU Definition of Research

Amit Shukla assumed the lead on this working group.

7. Items for Discussion

7.1. KPU Research Showcase 2024

Amit Shukla engaged the committee for ideas on the theme, keynotes speaker and topics for the upcoming KPU Research Showcase 2024 taking place next Spring that aims to showcase all applied research and innovation activities taking place at KPU.

The committee suggested to revise the date as the event is currently scheduled during spring break and may not yield a desired turnout. Suggestions were provided on renaming the event for greater appeal and members also offered their assistance in planning the event.

8. Adjournment

The meeting adjourned at 2:49 p.m.

SENATE STANDING COMMITTEE ON RESEARCH

Agenda Item: 5.1

Meeting Date: *October 24, 2023*

Presenter: *Amit Shukla*

Associate Vice-President, Research and Innovation Report

FROM THE OFFICE OF THE AVP, RESEARCH AND INNOVATION (AVPRI)

UPDATES ON RESEARCH POLICIES

The Phase One Posting for the following research-related policies and procedures was successfully concluded at the end of June 2023.

- RS2 Integrity in Research and Scholarship (proposed for revision)
- RS3 Indirect Costs of Research (proposed for elimination)
- RS4 Administration and Control of Research and Special Funds (proposed for revision)
- RS7 Governance and Administration of Research Centres and Institutes (proposed for development)

To progress to Phase Two, we will engage various groups of stakeholders for consultation and integrate their input into the draft that will be submitted for Phase Two Posting when ready.

FROM THE OFFICE OF RESEARCH SERVICES

CULTURAL HERITAGE AWARENESS TRAINING SESSION WITH THE KWIKWETLEM FIRST NATION

ORS organized a cultural heritage awareness training session with the Kwikwetlem First Nation (KFN) on 22nd September 2023 to strengthen partnerships between KPU researchers and the Indigenous communities. The members of the ORS, AGC, EPT program, and Biology Department attended the event. Speakers included KFN Counsellor George Chaffee and Archeologist Nicole Oakes. Layne Myhre, Faculty and Co-Chair Biology, presented an overview of the water testing project, which is an ongoing collaboration between the AGC, the Biology Department, the Environmental Protection Technologies (EPT) program and the KFN. This training was instrumental in strengthening partnerships between KPU researchers and Indigenous communities, opening up opportunities for research and teaching collaborations. Link to Today@KPU news coverage of the event: [Coquitlam watershed research walks the xé?elt-pathway \(sharepoint.com\)](https://sharepoint.com)

KPU OPEN HOUSE 2023

KPU Open House was held on October 14, 2023. For this year, the ORS emphasized the benefits of studying at KPU by shining a spotlight on applied research and knowledge transfer. Our message

highlighted how SRIG supports student research with funding to cover expenses associated with their project. In addition, students would receive mentorship from our professors, gain the opportunity to work with industry partners beyond the usual federal and government grant routes, and add to their resumes. Our aim was to make current students, prospective students and parents aware of the opportunities KPU provides. We had one of Mika Mokkonen's Students, Taylor Chin, attending the ORS booth to speak about their experiences as a student researcher as they are a SRIG recipient.

FROM THE ANIMAL CARE COMMITTEE

ACC MEMBERSHIP UPDATES

As of October 1st, Trina Whitsitt from Biology is joining the ACC in the membership role of an 'animal facility manager'. The Institute for Sustainable Food Systems (ISFS), represented on the ACC by Kent Mullinix, will be resigning their membership, as animal use is not part of the ISFS teaching or research programs at present.

Additionally, the ACC is beginning their search for a second community member. As required by the Canadian Council on Animal Care, prospective community members must not be involved in animal use for research, teaching or testing and must have no affiliation with KPU (including current or former employees, and anyone with a conflict of interest; former undergraduate students are acceptable as long as they have not pursued further studies or work experience involving animals in research, teaching, or testing). Given these requirements, we are hoping those within the KPU community will take the time to share this opportunity within their networks. Further information is available by contacting Kate Cooper, Animal Care Coordinator, at ORS@kpu.ca.

FROM KPU'S RESEARCH LABORATORIES, CENTRES, AND INSTITUTES

APPLIED GENOMICS CENTRE – HOPS HARVEST EVENT AT CRESCENT ISLAND HOP FARM

On September 15, 2023 – Mathias Schuetz, Faculty Biology, hosted a hops harvest event at Crescent Island Hop Farm. Students, instructors, and employees -- from the AGC and KPU's Brewing program, attended to help pick and phenotype hops from several projects. Marketing staff, Byron Dueck and Hayley Mica – Digital Media Specialists, were there taking photos and recording interview footage. The event was successful. Approx. 122 hop plants were harvested and documented. After the harvest, the group was invited to Barnside Brewing for a private tour of their facility.

APPLIED GENOMICS CENTRE – NEW RECENT GRADUATE INTERNSHIP

Jaden Lewis was hired as an animal care technician and Aquarium Facility Supervisor using funding from the ORS under a Recent Graduate Internship.

APPLIED GENOMICS CENTRE – THE KWIKWETLEM FIRST NATION WATER TESTING PILOT PROJECT

The Kwikwetlem First Nation Water Testing pilot project is progressing - EPT and Biology research course students have been selected to lead site sampling and lab analysis of water samples from the Kwikwetlem watershed. The pilot project will hopefully serve as the basis for grant applications to increase the scale of activity in toxicology testing, water quality monitoring, and environmental DNA analysis of the river in service to the Kwikwetlem First Nation.

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – TFN ELDERS LUNCHEONS

ISFS hosted 2 Elders luncheons with produce grown from the KPU Farm Schools for the Tsawwassen First Nation community on September 14 and October 7, 2023. Around 30 people from the community participated in the luncheons.

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – STAFFING UPDATES

- Shannon Hanson will be on board on October 19, 2023, as the Indigenous Food Ways Community Outreach Facilitator.
- Hannah Dwyer and James Reinert were hired as Student Research Assistants to assist in the Organic Agriculture Literature Review project.

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – FUNDING ADVANCEMENT

Kristi Tatebe was awarded \$9,390 for the Revelstoke Food Bank Procurement Study in collaboration with the North Okanagan Land To Table Network from the Social Planning And Research Council of BC (SPARC BC).

INSTITUTE FOR SUSTAINABLE HORTICULTURE – FUNDING ADVANCEMENT

The Weston Family Foundation announced a \$1M grant to Deborah Henderson as primary applicant, and Co-applicant Majid Bahrami, SFU, and 5 local industry partners; Ecoation, Argus Controls, Qiano Biosciences, Applied Bionomics, Altastream Energy, and one European partner Vivent Technologies. The project is an 18 month proof of concept “Shepherd phase” grant entitled “Carbon-neutral, pesticide-free glass house berry production for Canada. The KPU team was one of 11 teams selected out of more than 60 applicants. Press releases went out on Oct 5 and media interviews were held on Friday Oct 6. CBC, Global and the Vancouver Sun visited ISH.

<https://vancouversun.com/news/local-news/bc-strawberries-winter-research>

INSTITUTE FOR SUSTAINABLE HORTICULTURE – STAFFING UPDATES

ISH welcomed 4 new Research Assistants in September and October 2023.

- Michael Theriault – greenhouse berry production Research Assistant
- Sahar Toserkani – Okanagan cutworm biocontrol in wine grapes, field Research Assistant
- Jasmin Morshedi – lab Research Assistant
- Sara Bazargani – field and greenhouse Research Assistant

Acknowledgment

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

SENATE STANDING COMMITTEE ON RESEARCH

Agenda Number: 6.1

Meeting Date: October 24, 2023

Presenter(s): Dr. Nishan Perera

AGENDA TITLE: CREATE YOUR RESEARCH DESIGN

ACTION REQUESTED: Discussion

RECOMMENDED RESOLUTION

N/A

COMMITTEE REPORT

For Secretariat Use Only

Context and Background

In its efforts to support research and innovation as well as promote high impact practices, the Teaching and Learning Commons has created an ePortfolio template that can be used across disciplines to guide students learning to do research. “Create Your Research Design” is a Pebble Pad based templated workbook to provide student researchers guidance to systematically develop a research design of their undergraduate research project. This workbook includes nine guided steps that will prompt students to critically think about their research approach that will eventually help them with their research design. This templated workbook is submitted to the committee for guidance on its design approach, ideas to disseminate its use amongst the wider research community at KPU.

Key Messages

1. Input related to the design approach used for the templated workbook
2. A discussion related to ways in which resources such as these can be disseminated amongst the wider research community at KPU.
3. Ideas related to similar templated resources that can be created for other research, SoTL related initiatives.

Resource Requirements

Implications/Risks

Consultations

- Dr. Fabricio Telo, Teaching & Learning Commons time release recipient to develop content on “Teaching with Undergraduate Research” provided feedback on the content in the workbook
- Gillian Sudlow, Educational Consultation for ePortfolios at the Teaching & Learning Commons reviewed the pedagogical design and the technical functionality of the workbook
- Dr. Leeann Waddington, AVP Teaching and Learning, reviewed the workbook

Attachments

Here is the link to access the workbook

<https://app.pebblepad.ca/spa/#/public/4wm9qZ67kRwppWrGqZ6RfW683c?historyId=tX07HWDTPh&pageId=267a4826-83f3-43a4-b1bb-e1546a602909>

Submitted by

Dr. Nishan Perera, Ph.D., M.Ed., M.B.A

Date submitted

October 10, 2023

SENATE STANDING COMMITTEE ON RESEARCH

Agenda Number: 6.2

Meeting Date: October 24, 2023

Presenter(s): Daniel Bernstein

AGENDA TITLE: A WHITE PAPER ON KPU'S RESEARCH AND SCHOLARSHIP – RENAMING & REBRANDING

ACTION REQUESTED: Information

RECOMMENDED RESOLUTION

N/A

COMMITTEE REPORT

For Secretariat Use Only

Context and Background

The Senate Standing Committee on Research and Graduate Studies brought to Senate a paper, *Educational Excellence: A White Paper on KPU's Research and Scholarship*, that outlined 25 recommendations for the advancement of research and scholarship at KPU. Those recommendations deemed not within the scope of collective bargaining were brought forward with committees, or persons, designated to lead future discussion. These plans for discussion, the "February 1, recommendations," were approved by Senate on February 22, 2021.

Key Messages

1. As we revise the "White Paper" for Spring 2024, now is the time to rename and rebrand it to honor cultural sensitivities and to better reflect KPU's future research priorities.

Implications/Risks

N/A

Consultations

1. Diane Purvey, Provost and Vice President, Academic
2. Amit Shukla, AVP, Research, Innovation and Graduate Studies
3. Brett Favaro, Vice-Chair, SSC Research

Attachments

1. None
-

Submitted by

Daniel Bernstein, Chair, SSC Research

Date submitted

September 26, 2023