JOINT SENATE STANDING COMMITTEE ON ACADEMIC PLANNING AND PRIORITIES AND ON UNIVERSITY BUDGET

Regular Meeting
Friday, May 5, 2023
10:00 a.m. – noon
MS Teams Online

JOINT AGENDA

1. Call to Order and Territorial Acknowledgement .... Heather Clark   10:00

2. Approval of Agenda

3. Approval of Minutes, March 31, 2023

4. Chairs' Report ....

    4.1. Notice of Chair Election (SSCAPP) .... Amy Jeon   10:05

5. Items for Information 10:10

    5.1. FY 2022-23 Financial Update .... Chervahun Emilien

    5.2. FY 2024-25 Budget Update .... Chervahun Emilien

6. Adjournment of Joint Committee ....

SSCAPP AGENDA

7. Associate Vice-President, Teaching and Learning Report .... Leeann Waddington   10:30

8. Items for Discussion ....

    8.1 Whitepaper Responses .... Heather Clark   10:40

9. Adjournment ....

JOINT SENATE STANDING COMMITTEE ON ACADEMIC PLANNING AND PRIORITIES AND ON UNIVERSITY BUDGET

Regular Meeting
Friday, March 31 2023
10:00 a.m. – noon
MS Teams Online

SSCAPP Voting Member Quorum: 6		
Allyson Rozell Diane Van der Gucht Heather Clark, Chair	Shelley Strimbold	Alan Davis, Vice-Chair
		Non-voting
		Amy Jeon Leeann Waddington Lori McElroy Zena Mitchell
Regrets		**Guests**
Andre Iwanchuk Andreas Schwartz Andhra Goundrey Deepak Gupta Diane Purvey Gurprabhnoor Kaur Navleen Kaur Sharmen Lee Stephanie Howes Tom Westgate	Sonia Banwait Michelle Molnar	David Burns Jamie Lamont Teresa Smith

SSCUB Voting Member Quorum: 7		
Caroline Daniels Fergal Callaghan Fiona Whittington-Walsh, Vice-Chair Heather Harrison Laura McDonald Lyndsay Passmore	Reza Khakbaznejad	Alan Davis, Chair
		Non-voting
		Amy Jeon Chervahun Emilien Heather Clark
Regrets	**Senate Office**	**Guests**
Diane Purvey Natasha Campbell	Sonia Banwait Michelle Molnar	

Peter Smailes Rashminder Singh Seanna Takacs Simren Sandhu Tom Westgate Travis Higo		

1. Call to Order and Territorial Acknowledgement

The Chair, Heather Clark, called the meeting to order at 10:03 a.m.

2. Approval of Agenda

Fiona Whittington-Walsh moved the agenda be confirmed as circulated.

The motion carried.

3. Approval of Minutes, January 6, 2023

Allyson Rozell moved the minutes be accepted as circulated.

The motion carried.

Approval of Minutes, March 3, 2023

Shelley Strimbold moved the minutes be accepted as circulated.

The motion carried.

4. Chairs' Report

The Chair congratulated Zena Mitchell on her appointment to the Vice-President, Students position.

5. Items for discussion

5.1. SSCAPP/UB Online vs. In-Person Meetings

The Chair asked committee members on their preference of online or in-person meetings for the next calendar year.

Committee members provided their input with majority of members opting out of hybrid-style meetings and preferring in-person meetings at the beginning and at the end of the year, while maintaining online meetings for the remainder.

6. **Adjournment of Joint Committee**

The joint portion of the meeting was adjourned at 10:22 a.m.

7. **New Business**

   7.1. **Accuplacer Pilot – Proposed Cut Scores**

   David Burns, Associate Vice-President, Academic, shared that in the December 2022 meeting, the Senate Standing Committee on Academic Planning and Priorities recommended that Accuplacer be piloted as an additional option for students starting September 2023 for a minimum of four semesters. Upon consultation with the Assessment & Testing Services (ATS) and the Registrar, the proposed cut scores are now presented as attached. He shared the proposed tiered Accuplacer scores for each of KPU's four levels of University admission.

   The committee engaged in a robust discussion regarding the test and scores presented.

   An electronic vote was sent out to all SSCAPP members after the meeting adjourned.

   Allyson Rozell moved THAT the Senate Standing Committee on Academic Planning and Priorities recommend that Senate approves the following cut scores for Accuplacer.

   <div align="right">

   The motion carried.
   </div>

   7.2. **Program Discontinuances: Citations in Horticulture Technology**

   Jamie Lamont, Co-Chair, Horticulture, presented rationale on the discontinuances of the programs in the Citations in Horticulture Technology. He explained that due to the low enrollment and no potential for growth, eight of the eleven programs are being proposed to be discontinued. He highlighted that none of the discontinued courses will impact course cancellations as the require courses are also art of other credentials.

   An electronic vote was sent out to all SSCAPP members after the meeting adjourned.

   Allyson Rozell moved THAT the Senate Standing Committee on Academic Planning and Priorities recommends that Senate approve the discontinuances to the following eight Citations in Horticulture Technology, effective September 2023:
   Arboriculture
   Foundation in Landscape Design
   Introduction to Sustainable Horticulture
   Landscape Plant Health
   Production Facilities
   Production Plant Health
   Residential Lawn Care
   Turfgrass Pest Management

   <div align="right">

   The motion carried.
   </div>

   7.3. **Vision 2026**

Alan Davis, Vice-Chair, presented the updated Vision 2026 report. He highlighted KPUs values and goals. He informed that there are now 15 goals which are organized into five justice themes including: experience, sustainability, creativity, justice, and quality.

Lori McElroy, Associate Vice-President, Planning and Accountability, shared the new changes to the goals.

Fiona Whittington-Walsh requested to have the word "disability" added to the EDI component on the report under the second bullet to read "developing an EDI and *Disability* Action Plan."

An electronic vote was sent out to all SSCAPP members after the meeting adjourned.

Allyson Rozell moved THAT the Senate Standing Committee on Academic Planning and Priorities recommend that Senate endorse Vision 2026.

<div align="right">

The motion carried.

</div>

8. **Associate Vice-President, Teaching and Learning Report**

   Leeann Waddington, Associate Vice-President, Teaching and Learning, presented her report.

9. **Items for Discussion**

   No items.

10. **Adjournment**

   The meeting adjourned at 11:17 p.m.

SENATE STANDING COMMITTEE ON ACADEMIC PLANNING AND PRIORITIES

Agenda Number: *4.1*
Meeting Date: *May 5, 2023*
Presenter(s): *Amy Jeon*

AGENDA TITLE: NOTICE OF ELECTION OF COMMITTEE CHAIR

ACTION REQUESTED: Information

RECOMMENDED RESOLUTION

Context and Background

An election for a committee chair will take place at the next meeting.

Key Messages

1. All Senators and voting members who are members of the Senate Standing Committee are eligible to be elected as committee chair.

2. The chairs of senate standing committees are normally elected for a three-year term beginning in September.

3. This election is for the term September 1, 2023 – August 31, 2026.

4. Senators will be elected for a three-year term or for the term remaining in the Senator's term on Senate, whichever is shorter.

5. A member will be elected for a three-year term or for the term remaining in the member's term on the Committee, whichever is shorter.

6. The Vice-Chair of Senate will conduct the election.

Attachments

1. SSC Chair and Vice-Chair Responsibilities

Submitted by

Sonia Banwait, Administrative Assistant, University Senate

Date submitted

April 21, 2023

Senate Standing Committee
Chair and Vice-Chair
Responsibilities

Workplan

- In consultation with the Vice-Chair of Senate, develops a draft annual workplan for the committee
- Finalizes the workplan with the committee
- Submits agenda items
- Ensures the committee receives necessary information in a timely fashion

Meeting Preparation

- Reviews documents submitted to Senate Office.
- Advises proponent and senate staff of any changes needed before the documents can proceed to committee
- Approves the draft agenda and supporting materials for distribution to the committee
- Cancels scheduled meetings as needed

Meeting

- Conducts the committee meetings.

After the meeting

- Reviews and edits draft minutes prepared by senate staff
- Advises on next steps for action items
- Emails members their action items
- Reviews attendance of committee members

Reports to Senate

- Prepares report for Senate to inform the Senate of current committee issues and activities
- Writes one-page report for the Senate Annual Report
- Other duties as required by individual standing committees.

SENATE STANDING COMMITTEE ON UNIVERSITY BUDGET

Agenda Number: *5.1*
Meeting Date: *May 5, 2023*
Presenter(s): *Chervahun Emilien*

AGENDA TITLE: FY 2022-23 FINANCIAL UPDATE

ACTION REQUESTED: Information

COMMITTEE REPORT

For Secretariat Use Only

Context and Background

FY 2022-23 Financial Update

The Board of Governors approved a balanced budget for FY 2022-23.

Regular financial reports have been presented to the Board to inform on spend and income activities undertaken and planned by the University throughout the year through the variance reporting process.

In the third quarter forecast to the Ministry prepared in December 2022, for strategic reasons, KPU submitted an estimated year end surplus of $5M. This represents the surplus that KPU is expected to report to the Ministry for the fiscal year ended March 31, 2023.

An annual financial audit is performed by an external audit firm to provide assurance that the financial statements are presented accurately.

Key Messages

1. Variance reporting provides a snap shot of the financial position as at a certain date. It reflects the total year to date budget compared to the year to date actuals as well as the overall budget compared to the total forecast to the end of the fiscal year. The variance reporting process allows for an in-depth review of spend and revenue trends and forecasts to support more just-in- time decision making.

2. In February the Board of Governors approved amounts to be transferred to the Foundation for specific purposes ($7-$11M) and in March 2023, KPU transferred $7M to the Foundation. This donation resulted in a $4M increase to the KPU Research Endowment held in the KPU Foundation, a $2M contribution to reduce financial barriers for KPU students, and a $1M donation to establish a food endowment to support students in immediate need of food.

3. The actual financial results at February 28, 2023 as well as the forecasted amounts to end of the year presented an actual surplus of $44M and an estimated surplus $35M respectively.

4. In anticipation of a significantly higher than normal surplus, KPU submitted a request to the Ministry to defer and restrict $23M of its operating grant for capital purposes, for which approval was received. As a result, these assets are now being contributed by a third party and the associated amortization costs will no longer be funded by our operating budget. Fiscal 2023-24's Capital Budget formed the basis of this approval.

5. KPMG LLP, KPU's external auditors, is in the process of conducting its yearly mandated review and analysis of KPU's financial records. The final year end results including a financial update for period ending March 31, 2023 will be released once the audit has been completed.

Resource Requirements

N/A

Implications/Risks

N/A

Consultations

N/A

Attachments

N/A

Submitted by

Chervahun Emilien, CFO

Date submitted

April 25, 2023

SENATE STANDING COMMITTEE ON UNIVERSITY BUDGET

Agenda Number: *5.2*
Meeting Date: *May 5, 2023*
Presenter(s): *Chervahun Emilien*

AGENDA TITLE: FY 2024-25 BUDGET UPDATE

ACTION REQUESTED: Information

COMMITTEE REPORT

For Secretariat Use Only

Context and Background

FY2024-25 Budget Update

SSC Academic Planning and Priorities Mandate: Advise the Senate Standing Committee on the University Budget on the academic priorities for the allocation of funds.

SSC University Budget Mandate: On behalf of the Senate, and in consultation with the Senate Standing Committee on Academic Planning and Priorities, advise the President and Vice-Presidents on the review and development of academic budgetary priorities, major capital plans, and the allocation of funds. Present the annual University budget to Senate.

Key Messages

1. Planning has started for the FY 2024-25 budget year. A draft budget timeline has been prepared and is included for your information. The budget principles and priorities, which form the basis for all budget decisions, are being reviewed and will be shared at a later date, along with the documented process. Feedback is being solicited from key stakeholders to build improvements into the overall process.

2. The budget development process will start approximately one month earlier than the prior year, which will provide the budget holders additional time to prepare their budget submissions.

3. The President and the Chief Financial Officer will meet with each Vice-President in October and November 2023 to review/discuss supported budget requests before the requests are taken to G7.

4. The final draft budget for FY 2024-25 is planned to be presented at the January 31, 2024 Board of Governors meeting.

Resource Requirements

N/A

Implications/Risks

N/A

Consultations

1. University Executive

Attachments

1. FY 2024-25 University Budget Development Timeline

Submitted by

Chervahun Emilien, CFO

Date submitted

April 25, 2023

Fiscal 2024-25 University Budget Development Timeline

Date	Activity
Budget Development Timeline, University Budget Principles and Priorities	
Tuesday, April 18, 2023	Present draft **Budget Development Timeline** to G7
Friday, April 21, 2023	Submission deadline SSCAPP/SSCUB
Thursday, May 4, 2023	Present draft **Budget Principles and Priorities and Process** to G7
Friday, May 5, 2023	Present draft **Budget Development Timeline** to SSCAPP/SSCUB
Friday, May 19, 2023	Submission deadline SSCAPP/SSCUB
Wednesday, May 31, 2023	Present draft **Budget Principles and Priorities, Development Timeline and Process** to Polytechnic University Executive (PUE)
Friday, June 2, 2023	Present draft **Budget Principles and Priorities and Process** to SSCAPP/SSCUB
Friday, June 9, 2023	Submission deadline Finance Committee
Thursday, June 15, 2023	Submission deadline Senate
Friday, June 16, 2023	Submission deadline Board of Governors
Tuesday, June 20, 2023	Present draft **Budget Principles and Priorities, and Development Timeline** to Finance Committee
Monday, June 26, 2023	Present draft **Budget Principles and Priorities, and Development Timeline** to Senate
Wednesday, June 28, 2023	Present draft **Budget Principles and Priorities, and Development Timeline** to Board of Governors
Budget Development Process Summary	
May 8 – 26, 2023	Communicate Budget Development Timelines and Process to Deans, DBMs and divisional leaders
May 29 – June 16, 2023	Budget team to circulate budget request templates and provide budget request training/information sessions
May 29 – August 4, 2023	Divisions prepare their budget requests (Salary, Non-Salary and Capital) and begin having preliminary conversations with respective VPs regarding budget requests
Friday, August 4, 2023	All budget requests for non-salary expenses, capital and positions (Admin/BCGEU) are due to Procurement, HR, Facilities, IT, Marketing and T&L respectively, for review, costing and feasibility assessment
Friday, September 1, 2023	Finance to provide initial estimate to leadership of how much new budget is available for allocation (Operating and Capital)

Date	Activity
Friday, September 1, 2023	Procurement, T&L, Marketing and HR return reviewed non-salary expense and Admin/BCGEU and Casual Service Contract Position request templates, respectively, to divisions for inclusion in division's consolidated budget request
Friday, September 1, 2023	Facilities and IT return capital request templates to divisions with feedback. Divisions will then submit the capital request templates (including Facilities and IT feedback and costing) to Procurement for review
Friday, September 15, 2023	Procurement returns capital templates to divisions for inclusion in division's consolidated budget request
Wednesday, September 20, 2023	Finance to provide estimate to leadership of how much new budget is available for allocation (Operating and Capital)
Friday, September 22, 2023	All divisional consolidated budget request (Operating and Capital) templates are completed and submitted to the respective VP
September 25 – 29, 2023	DBMs & Divisional Leaders will meet with their respective VPs to review budget requests for new items
Friday, September 29, 2023	Finance to circulate the Base Budgets to divisions for technical accuracy review
October 3-6, 2023	VPs will consolidate all budget requests that are supported and provide a consolidated summary for G7 review. To be sent to Budget & Planning on October 6[h] for consolidation.
Friday, October 6, 2023	Finance to confirm to leadership of how much new budget is available for allocation (Operating and Capital)
October 10 - 27, 2023	Finance to consolidate all budget requests to provide a consolidated summary to CFO
October 23 – November 3, 2023	President and CFO meet with VPs to review supported budget requests
Friday, November 3, 2023	Divisions to respond to Base Budget allocations and identify if there are any omissions
November 14-17, 2023	G7 meet to review budget requests and provide feedback on what to include for draft budget given budget constraints, and budget and strategic priorities
Friday, December 1, 2023	Budget team provides draft budget to CFO
Draft Budget Review, Consultation and Approval	
December 11 -13 ,2023	Present draft budget to G7
Thursday, December 14, 2023	Present draft budget to PUE
Friday, December 22, 2023	Submission deadline to SSCAPP/SSCUB
TBD	Present draft budget to Academic Council
TBD	Present draft budget to President's Council
TBD	Budget consultation meeting with BCGEU representatives
TBD	Budget consultation meeting with KFA representatives
Friday, January 5, 2024	Present draft budget to SSCAPP/SSCUB
Friday, January 5, 2024	Submission deadline to Finance Committee
Thursday, January 11, 2024	Submission deadline to Senate
Tuesday, January 16, 2024	Present draft budget to Finance Committee
Friday, January 19, 2024	Submission deadline Board of Governors
Monday, January 22, 2024	Present draft budget to Senate
Wednesday, January 31, 2024	Present draft budget for approval by Board of Governors

Associate Vice President, Teaching and Learning, pro tem:
**Report to The Senate Standing Committee on Academic Planning & Priorities
and The Senate Standing Committee on University Budget**
May 5, 2023 (for the period of March 18 to April 21, 2023)

TEACHING & LEARNING

- April 2023 newsletter has been released. Click here to view it.
- If you didn't get a chance to check out our ePortfolio Advancement Plan: Pebble+ Public (pebblepad.ca)
- Save the date: KPU has agreed to cohost the AAEEBL Conference July 20 & 21, 2023. Call for abstracts will be out soon on their website. More information to follow.
- The second Partner Spotlight was held March 16th. To view the session, click here.
- April 17th, Teaching & Learning Commons will host the PebblePad ePortfolio Leaders Roundtable which brings institutional leaders from several BC post secondary institutions together with PebblePad leaders to discuss opportunities and challenges related to the use of ePortfolios.

EDUCATIONAL DEVELOPMENT

- Join us in person or online for the Generative AI for Teaching & Learning Think Tank session to partner with KPU faculty to develop safe, effective uses for generative AI in KPU learning environments. We will be joined by guest speaker, Dr. George Veletsianos who will share his perspective on generative AI technology and guide us through activities to collectively brainstorm more ways to innovate teaching and learning through use of generative AI. We hope to bring together those who wish to innovate and use our collective wisdom to expand the possibilities.
- The Think Tank is taking place on Friday, May 5 2023 from 9:00AM-12:00PM Click here to register
- Opportunities to partner with the Teaching & Learning Commons. Expressions of interest for a number of opportunities closed on March 31st. Position award coming soon.
- Check out our 2023 learning opportunities at tlevents.kpu.ca
- New workshops, Course Design Reflection and Developing Digital Literacy. Facilitator: T&L Strategist, Lisa Gedak. Registration details to follow shortly.
- When thinking about your summer PD activities, consider joining a Community of Practice. Click here for more information.

LEARNING TECHNOLOGIES

- Technology integrated a brand new tool called **Padlet** to the T&L ecosystem. No issues have been identified following a successful pilot period. Padlet is a versatile, collaborative notice board that can be shared within your class. Padlet allows for both you and your students to upload and share media, comments and files in real-time to accommodate a number of different activity types. Padlet can be embedded on a Moodle course to allow for content to be displayed directly on for ease of access to the platform and visibility. If you are interested in participating in the pilot please reach out to Teaching.andLearningcommons@kpu.ca for more information.
- We're excited to introduce two new features added to Kaltura. Lead more about the changes here. KPU Video Portal - Kaltura Updates

OPEN EDUCATION

- Spring 2023 OER Grant Recipients
  - Pamela Ip, Introduction to Marketing
  - Randal Thiessen, Grammar for Academic Purposes
- OER Adoption Grant
  - Did you adopt an OER last term? Are you planning on adopting one next term? You are eligible for an OER Stream C Adoption Grant! Keep an eye out for our next round of OER Grant Applications coming up in Fall and apply. Open Education Resources Grants

SENATE STANDING COMMITTEE ON ACADEMIC PLANNING AND PRIORITIES

Agenda Number: *8.1*
Meeting Date: *May 5, 2023*
Presenter(s): *Heather Clark*

AGENDA TITLE: 2023 WHITE PAPER RESPONSES

ACTION REQUESTED: Discussion

RECOMMENDED RESOLUTION

N/A

COMMITTEE REPORT

For Secretariat Use Only

Context and Background

Senate Standing Committee on Academic Planning and Priorities (SSCAPP), Senate Standing Committee on Curriculum (SSCC), and Senate Standing Committee on Research and Graduate Studies (SSCRGS) are assigned to discuss the White Paper recommendations 1a, 1b, 1c and 1e and report back to Senate.

> *1.a. Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan*
> *1.b. Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.*
> *1.c. Support curriculum and program development initiatives that promote research.*
> *1.e (listed in the WP recommendations as linked to C) Possible action through SSC Teaching and Learning, Research: Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.*

According to the June 2021 Senate update to 25 recommendations on "Educational Excellence: *A White Paper on KPU's Research and Scholarship,"* the Senate Committees issued a request for all

Faculty Councils to respond with their recommendation. The calls for responses went out to the Faculty Council Chairs on October 10, 2022. Four Faculty Councils submitted their responses by April 14, 2023 submission deadline.

Key Messages

1. SSCAPP, SSCC and SSCRGS are assigned to discuss the White Paper recommendations. (SSCAPP with 1a; SSCC with 1c and 1e; SSCRGS with 1b and 1e)

2. Faculty Councils were asked to submit responses to the White Paper recommendations.

3. The Senate committees will discuss the result of the responses.

Resource Requirements

Attachments

1. Whitepaper Response Summary

2. Faculty Council Responses

Submitted by

Amy Jeon, Vice-Chair of Senate

Date submitted

April 21, 2023

White Paper on Research and Scholarship Senate Updates
2022/2023 Academic Year

During the academic year, Senate Standing Committee on Academic Planning and Priorities (SSCAPP), Senate Standing Committee on Curriculum (SSCC), and Senate Standing Committee on Research and Graduate Studies (SSCRGS) requested responses from the Faculty councils to the White Paper recommendations 1a, 1b, 1c and 1e.

> *1.a. Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan*

> *1.b. Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.*

> *1.c. Support curriculum and program development initiatives that promote research.*

> *1.e (listed in the WP recommendations as linked to C) Possible action through SSC Teaching and Learning, Research: Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.*

The responses were received from six Faculty councils, and all Faculties are working on research plans for integrating research or engaged in research and scholarships activities (Table 1).

Table 1. Faculty Council Response Summary.

Faculty	Established research committee?	Established plans for integrating research into programs?	Number of dept	Formalized undergraduate research plan or plan to develop one
ACP	Yes	In development	4	Do not see the need to develop formal research plan, but faculty are engaged in research and scholarship
Arts	Yes	In development	21	In a process of developing Arts Research Plan, which will be presented to Arts Faculty Council in Summer 2023
Business	Yes	In development	15	New strategic plan and research initiatives are in progress with 1-2-year timeline
Design	Yes	In development	7	In a process of developing WSoD comprehensive cross-program approach plan
Health	Yes	In development	6	No formalized plan, but the FoH Research & Scholarship Committee encourages the inclusion of research integration into degree programs

Science and Horticulture	Yes	Yes	10	Research is integrated into most Bachelor's and select diploma programs. Some students pursue working with research institutes on extra-curricular projects

In response to the ways to promote research through curriculum, Faculty Councils have indicated a number of suggestions, including but not limited to the below list, may help to engage the faculty members in research. (See Appendix 1. Faculty Council responses)

- Revise existing or develop new courses to incorporate various research-focused components
- Grow capacity for the development of co-op, honours, and master's programs with research component
- Host an annual conference in which students can develop their conference presentation skills and meet other research-focused students
- Develop a communications plan to raise the profile of the research activities taking place
- Organize an annual cross-Faculty meeting (event) of all the Faculty/School research committees at KPU, to facilitate sharing of ideas and best practices for promoting research, student engagement in research, and teaching excellence through undergraduate research across KPU
- Work closely with Office of Research Services to secure annual funding for research, including time releases
- Develop community partners to grow social innovation
- Seek industry/post-secondary institution collaborative funded project opportunities
- Support student travelling to present at conference

It is important to note that all Faculties have indicated that they are working to develop more opportunities for students to engage in research. They acknowledged that some obstacles in initiating and promoting research may need to be addressed at an institutional level. Some major obstacles were lack of faculty time to engage in research, maintaining long-term projects that students can engage, and funding to compensate faculty for research supervision and to maintain research programs that can support multiple student projects.

In Summary, the White Paper responses received during the 2022/23 academic year stated that KPU is interested in seeking more opportunities for students and are actively working to generate research plans.

Amy Jeon, Chair, Senate Standing Committee on Curriculum
Daniel Bernstein, Chair, Senate Standing Committee on Research and Graduate Studies
Heather Clark, Chair, Senate Standing Committee on Academic Planning and Priorities

Appendix 1: Faculty Council Responses

Whitepaper on Research and Scholarship
Updates to Senate – Spring 2023

Reponses to SSC on Academic Planning and Priorities, SSC on Curriculum and SSC on Research and Graduate Studies.

Please note that information shared in this document will be used to help inform KPU Senate on academic priorities across the institution, and to help shape the future of research at the University.

Faculty/School: | Faculty of Academic and Career Preparation

1. Student Engagement in Research across the Institution

a. Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan

Has your Faculty/School established a Research ~~and Graduate~~ committee?   ☒ YES   /   ☐ NO

Has your Faculty/School established a plan for integrating research into programs?

☐ YES   /   ☐ NO   /   ☒ IN DEVELOPMENT

Please provide the Senate with your Faculty/School's progress on research plan development. KPU's Academic plan can be found here https://www.kpu.ca/vp-academic/academic-plan-2023

ACP approved the creation of a Standing Committee on Research and Scholarship on September 10, 2021. The committee convened its first meeting in January 2022 and has met regularly since then. The committee invited Dr. Farhad Dastur to speak on the Scholarship of Teaching and Learning to the Faculty of the Whole meeting in April 2022, recognizing that this area may be the most promising for further faculty involvement.

At the Faculty of the Whole meeting in December, 2023, there were two faculty research-related presentations:
Employment and Community Studies program faculty member Simon Driver spoke about using PebblePad to provide opportunities for students to reflect on their educational experiences.
English Upgrading faculty member Janet Webster presented on how she incorporated KPU's Climate+ Challenge into her ENGQ 1092 class.

The committee also inaugurated a series of brown-bag research sharing opportunities, starting in fall 2023. There have so far been three presentations,

- Dr. Teresa Swan of the Access Programs department presented on her PhD. research in disability studies.
- Dean Aimee Begalka presented on her Ed.D research on the ethic of hospitality in higher education.
- Dr. Bogdan Bryja presented on Self-Determination Theory and its application to student motivation.

At least three more presentations are on tap for the next academic year. The committee is exploring opportunities for sharing research presentations beyond the Faculty level.

ACP's classes are skills-based courses that help prepare students for success in undergraduate studies. As such, they often include opportunities for students to engage in research-based projects connected to the course learning outcomes.
At this time, ACP departments do not see the need to develop formal research plans.
However, ACP faculty are engaged in research and scholarship:
Faculty at the Learning Centre engaged in research that led to the following publications and invited presentations.

Publications:
Beavington, L. (2022). Snow in summer: Poetic teachings from cottonwood and ponderosa. *Art/Research International: A Transdisciplinary Journal, 7*(2), 519–541.
https://journals.library.ualberta.ca/ari/index.php/ari/article/view/29682/22070

Beavington, L., Huestis, A., & Toohey-Wiese, L. (2022). staĺəẃ/The Fraser River: Creative ecologies for transformative pedagogy. *Transformative Dialogues*. *15*(2).
https://doi.org/10.26209/td2022vol15iss21635

Beavington, L. (2023). *Wild Pedagogies* and pondering nature as teacher (book review). *Discovery: The Journal of Nature Vancouver, 50, 101–103.*

Beavington, L. (2023). The symmetric wonder of deer fern. *Discovery: The Journal of Nature Vancouver, 50, 64–65.*

Beavington, L., Beeman, C., Blenkinsop, S., Heggen, M. P., & Kazi, E. (2022). The paradox of wild pedagogies: Loss and hope next to a Norwegian glacier. *Canadian Journal of Environmental Education, 25,* 37–54.

Beavington, L. (2022). Samara. In C. Lowther (Ed.) *Worth more standing*. (poem)

Beavington, L. (2022). The plants must also be paid. *Langscape, 11*. (poem)

Vincent, A. (2022). *Poetic inquiry: Unearthing the rhizomatic array between art and research*. Vernon Press.

Vytasek, J. M., Patzak, A., & Winne. P. H. (2022, September). Supporting Metacognition and SRL Processes for Multi-text Integration. *European Association for Research on Learning and Instruction, SIG 16 Biennial Conference.* Online, https://www.sigmetacognition2022.com

Winne, P. H. & Vytasek, J. M. (2022, June 13-17). *Learning analytics, learning science and self-regulated learning.* [Conference Presentation] Learning Analytics Summer Institute, online. https://www.solaresearch.org/events/lasi/lasi22/

Vytasek, J. M. (2022, May). *Designing Customizable Asynchronous Learning Strategy Workshops.* Presentation at the Learning Specialists' Association Pacific Region Conference (LSAC), Richmond, BC, Canada.

Page, C. & Khan, Z. (2022, May). Challenging Writing Imaginaries: Challenging Neocolonialism, Microaggressions, Linguistic Racism through Tutor-Tutee Dialogue. Presentation at the Learning Specialists' Association Pacific Region Conference (LSAC), Richmond, BC, Canada.

Invited Presentations:
Beavington, L. (2022). What flows through the forest (guest lecture for FINA 3202: Fraser River Studies), October 4, Watershed Park.
Beavington, L. (2022). Ecology and nature connection: The wonders of the rainforest. Mayne Island Conservancy. July 16, Seal Beach.
Beavington, L. (2022). Wild spaces and wild education (guest lecture for GEOG 3320: Environment and Resources), July 7, KPU.
Beavington, L. (2022). Scientific education and ethics, and the role of land-based pedagogy (guest lecture for ARTS 1100: Science and Society), June 13, KPU.

b. Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.

**Please request <u>ALL</u> departments within the Faculty/School to complete the annual department update form attached. **

The number of departments within your Faculty/School: **3 departments and the Learning Centres**

List of departments with a formalized undergraduate research plan:

Department	Yes, we have a formalized undergraduate research plan	No, we do not have a formalized plan	The department did not submit their response
English Upgrading		X	
English Language Studies		X	
Access Programs		X	
Learning Centres		X	

Lee Beavington is hosting an ARTS 4800 Arts Practicum student as part of the KPU Wild Spaces project (funded through the Teaching and Learning Innovation Fund).

c. **Support curriculum and program development initiatives that promote research.**

The Learning Centres hosted the Learning Specialists Association Pacific Region Conference at the Richmond Campus. Specialists from across the region submitted proposals for workshops, showcases and discussions on learning supports during and after the pandemic, titled "*Moving from Chaos to Positive Change".* Strategists Christina Page and Jovita Vytasek presented at the conference based on initiatives they implemented in the learning centres.

Appreciating Teaching Excellence - Partner Spotlight Day 1 – KPU 100 presentation by Jovita Vytasek and Alice Macpherson. This event was hosted by the Teaching Commons and gave an opportunity to share some of the work that we at TLC have been doing in this area.

Appreciating Teaching Excellence - Partner Spotlight Day 2 - Jovita Vytasek, Christina Page, and Jeannette Paschen from the School of Business highlighted the BUSI Anchor Skills project that saw TLC Learning Strategist faculty working with their Business colleagues to create student facing materials to support the Anchor Skills across the School of Business.

Appreciating Teaching Excellence - Celebrating Teaching Innovation: A PechaKucha Sharing. Lee Beavington presented Wild Spaces: The Power of Place-based Education. Supported by KPU's Teaching and Learning Innovation Fund ($9,990), this multi-year project includes three student researchers. KPU Wild Spaces cultivates place-responsive learning that promotes self-regulation, enhances community engagement, physical and mental health, and land-based pedagogy.

AND

e. **Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.**

Please describe how the Faculty/School plans to support curriculum and program development initiatives that recognize research as essential to the scholarship of teaching and learning and promote research as part of curriculum.

On January 23, 2023, EU faculty member Gillian Sudlow, co-presented twice at the American Association of Colleges and Universities (AAC&U) 14th Annual Forum on Open Learning and ePortfolios. The first presentation, titled "Building a Successful Framework for Faculty Buy-In of ePortfolios," was co-presented with KPU Wilson School of Design (WSD) faculty member Paola Gavilanez, and explored the strategic mapping, adoption, and implantation of ePortfolios within WSD programs. The second presentation, titled "The Possibilities for ePortfolios: An ePortfolio Advancement Plan," was co-presented with Teaching & Learning Commons colleagues Lisa Gedak and Leeann Waddington, and discussed the appreciative inquiry framework of an opportunity tree as a guiding analogy for future use of PebblePad within post-secondary institutions.

Prior to the AAC&U conference presentations noted above, Gillian Sudlow shared her collaborative research alongside Paola Gavilanez and KPU Melville School of Business (MSB) member Don Reddick at several events during the Fall 2022 term: twice during the Celebrating Teaching Excellence Event hosted by the KPU Teaching & Learning Commons Partner spotlight event on October 13 and 14, 2022;

as well as during the Accreditation Council for Business Schools and Programs (ACBSP) Region 11 Conference at Senaca College in Toronto on November 2, 2022; and during the ePortfolio Matters Day at KPU on November 22, 2022

In November, 2022, ELS faculty member Joanna Daley was involved in a prize-winning presentation by Tara Immell of the Melville School of Business:

The Access Programs department is currently working with an external grant from Canadian Western Bank to develop a new stream of programming in their area. This grant requires research as part of the program development.

Thank you for submitting the updates
Please return the completed form by April 14th, 2023.

Whitepaper on Research and Scholarship
Updates to Senate – Spring 2023

Reponses to SSC on Academic Planning and Priorities, SSC on Curriculum and SSC on Research and Graduate Studies.

Please note that information shared in this document will be used to help inform KPU Senate on academic priorities across the institution, and to help shape the future of research at the University.

Faculty/School: | Arts

1. Student Engagement in Research across the Institution

a. Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan

Has your Faculty/School established a Research and Graduate committee?   ☒ YES / ☐ NO

Has your Faculty/School established a plan for integrating research into programs?

☐ YES / ☐ NO / ☒ IN DEVELOPMENT

Please provide the Senate with your Faculty/School's progress on research plan development. KPU's Academic plan can be found here https://www.kpu.ca/vp-academic/academic-plan-2023

The Arts Research, Scholarship, and Creativity Committee (ARSC) was formed in 2012 and has been promoting research since then. One of the first ARSC initiatives was creating the Arts Speaker Series, which has been giving faculty and students opportunities to share their research work for over 10 years now.

Another initiative was the ArtsNet Research (the Arts Research, Scholarship, and Creativity Network), a platform that connects faculty and students in Arts who are interested in research, scholarship, and creative work. ArtsNet Research has hired six students to help organize events and workshops, record promotional interviews with faculty members currently conducting research projects, and visit classrooms to invite students and faculty members to join the Network.

More recently the Arts Faculty Council (AFC) requested ARSC and the Arts Academic Planning and Priorities Committee (APP) to work on a research plan for the Faculty of Arts. A joint subcommittee was created with the following members: Aaron Goodman (Journalism/ARSC), Asma Sayed (English/ARSC/AVP Anti-Racism), Fabricio Telo (Sociology/ARSC Co-Chair), Jacqueline Walker (ARSC Co-Chair and student of English and Political Science), Jennifer Hardwick (Chair of APP/Policy Studies), Mariana Gatzeva (Sociology/ARSC Co-Chair), and Zahia Marzouk (Educational Studies/ARSC and ArtsNet Research Coordinator). Fabricio Telo and Mariana Gatzeva received a course release each to lead the development of the Arts Research Plan in Spring 2023.

The subcommittee collected feedback from faculty members from various means, including:

1) a survey on Challenges to Research, open from February to March 2023, through which faculty members could share their thoughts individually;

2) questions sent to department chairs addressing their strengths and aspirations and asking for suggestions of practical initiatives that the Faculty of Arts could take to foster research, scholarship, and creativity;

3) department responses to the Senate White Paper Update Form (attached), in which department chairs reflected on their research, scholarship, and creativity initiatives;

4) individual consultations with faculty members and administrators:
- Daniel Bernstein (Chair of the Senate Standing Committee on Research and Graduate Studies),
- Sue Fairburn and Jessica Bayntun (Chair and Vice Chair of WSD's Research Committee, respectively),
- Dianne Purvey (Provost),
- Shelley Boyd (Dean of Arts),
- Ross Laird (Creative Writing, APP member and former ARSC member), and
- Mike Larsen (AFC Chair).

The subcommittee is currently analyzing the results of the survey and the feedback from departments, which will be included in the research plan.

The first draft of the research plan is meant to be ready by May 2023. The plan will speak to identified challenges to research in Arts, aspirations, guiding principles, and recommendations to address the existing issues and strengthen faculty and student engagement in research. After receiving feedback from departments, the Research Plan will be sent to AFC for approval, and then to Senate.

b. Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.

**Please request <u>ALL</u> departments within the Faculty/School to complete the annual department update form attached. **

The Faculty of Arts comprises 21 very diverse departments, representing a multitude of different approaches to research, scholarship and research-creation, as reflected in the enclosed departmental forms. Fourteen (out of twenty-one) Arts departments submitted the requested form[1]. Arts departments have not been asked to develop a *formalized* research plan yet. Arts leadership understands that it is best to have a faculty-wide research plan first and then ask departments to develop theirs. However, despite not having *formalized* research plans, almost all departments in Arts which responded offer at least some research opportunities to students, and some have highly developed and extensive research programs. Of the fourteen departments, three have Honours programs (CRIM, PHIL, and PSYC), and three offer a variety of specialized research methods courses (CRIM, PSYC, and SOCI). Two have Canada Research Chairs (ENGL and PSYC). Ten departments have identified research-based components in various other course offerings. All but two list ongoing research opportunities through student RA positions and/ or ARTS 399X Undergraduate Research courses. Other activities undertaken by some departments to promote student-involvement in research include field schools, academic journals, conferences, connections with industry, and creative economies. Arts is a leader of research at KPU and does so through a polytechnic lens.

All in all, research activities, teaching through research, and student engagement in research (broadly understood) vary substantially across Arts departments. During the many consultations with departments and AFC that accompanied the drafting and endorsement of the White Paper, it was apparent that the programs of the Faculty of Arts reflect a wide range of perspectives on the nature of research, scholarship, and creativity. This diversity of perspectives remains evident, and an Arts Research Plan will need to provide structure, support, and guidance without relying on a singular understanding of research. We see the Arts Research Plan as a step into getting to a point where we can begin discussing formalized plans for individual departments.

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[1] The departments that completed the form were: Anthropology, Asian Studies, Criminology, Educational Studies, English, Fine Arts, History, Journalism and Communication Studies, Languages and Cultures, Philosophy, Political Science, Policy Studies, Psychology, and Sociology. The departments that did not submit the form were: Creative Writing, Education Assistant, Entertainment Arts, Geography and the Environment, Indigenous Studies, Interdisciplinary Expressive Arts, and Music.

c. **Support curriculum and program development initiatives that promote research.**

AND

e. **Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.**

Please describe how the Faculty/School plans to support curriculum and program development initiatives that recognize research as essential to the scholarship of teaching and learning and promote research as part of curriculum.

The Arts Research Plan being developed recognizes the importance of including research as part of the teaching and learning process. By engaging in Arts-related research projects, students become active participants in the knowledge-production process, develop problem-solving and critical thinking skills, engage as global citizens, increase opportunities to pursue their education, community engagement, and broaden their employment prospects.

The Research Plan Subcommittee has identified that, in order for the Faculty to promote research and support curriculum and program development initiatives that promote research, some broader issues need to be addressed at an institutional level. For example, lack of time and funding were the main obstacles highlighted by the majority of faculty members in Arts who completed the survey on Challenges to Research (105 respondents in total). Specifically, 81% of the faculty who responded shared that they faced some challenges to conduct research; 79% respondents pointed to lack of time, and 38% indicated accessing and/or identifying internal funding as obstacles. Through their individual feedback forms, most Arts departments have also echoed the same and similar structural obstacles to engaging students in research and providing them with opportunities for meaningful research activities at curricular and program level.

While we recognize that some of these problems are outside the scope of the Faculty of Arts, it is important to keep them in mind when discussing curriculum and program development initiatives that promote research.

Even with the challenges identified, the Subcommittee has discussed the following actions by which the Faculty of Arts can promote teaching through research:

- Evaluate the possibility of creating an ARTS Capstone Course;

- Grow capacity for the development of honours programs;

- Continue and promote the offering of the ARTS 3991, 3992, and 3993 Undergraduate Research and Scholarship courses;

- Continue and promote the offering of Practicum courses;

- Develop and promote a list of Arts courses that focus on research;

- Work with APP to assist departments seeking to incorporate research opportunities into program revisions;

- Encourage Arts departments to develop methodologically appropriate discipline-specific research-oriented courses, or to incorporate research methods courses from other departments into their program requirements, as appropriate;

- Host an annual undergraduate student conference in which students can develop their conference presentation skills and meet other research-focused students;

- Develop a communications plan to raise the profile of the research activities taking place;
- Organize an annual cross-Faculty meeting (event) of all the Faculty/School research committees at KPU, to facilitate sharing of ideas and best practices for promoting research, student engagement in research, and teaching excellence through undergraduate research across KPU;
- Work closely with ORS to secure annual funding for Arts research, including time releases;
- Develop community partners to grow social innovation;
- Work with the REB to provide coordinated training for Faculty regarding minimal-risk course-based research.

Thank you for submitting the updates
Please return the completed form by April 14th, 2023.

Whitepaper on Research and Scholarship
Updates to Senate – Spring 2023

Reponses to SSC on Academic Planning and Priorities, SSC on Curriculum and SSC on Research and Graduate Studies.

Please note that information shared in this document will be used to help inform KPU Senate on academic priorities across the institution, and to help shape the future of research at the University.

Faculty of Health

Faculty/School:

1. <u>Student Engagement in Research across the Institution</u>

    a. **Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan**

Has your Faculty/School established a Research and Graduate committee?   ☒ YES   /   ☐ NO

Has your Faculty/School established a plan for integrating research into programs?

☐ YES   /   ☐ NO   /   ☒ IN DEVELOPMENT

Please provide the Senate with your Faculty/School's progress on research plan development. KPU's Academic plan can be found here https://www.kpu.ca/vp-academic/academic-plan-2023

Faculty of Health does not have a formalized plan. However, individual programs are incorporating research into their curriculum. The FoH Research & Scholarship Committee encourages the inclusion of research integration into degree programs. The following steps in programs have been taken to date:

BPN:
The BPN faculty are working on a revised curriculum that has 2 courses dedicated to research concepts in psychiatric nursing. All the revised courses will incorporate scholarship in terms of academic writing and research contributing to the field of psychiatric nursing with the progression of the profession as a key concept. Significant changes to the faculty and the BPN program has hindered the process of research and development in the last few years. Faculty research and development will be an important part of the future of the BPN program as the program increases regularized faculty. Concepts including education in this specialized field, indigenization of educational content in the BPN program, primary care nursing, and the future direction of the psychiatric nursing profession will be important areas to address with research and scholarship.

BSN:
In Nursing 2135: Qualitative Research activity in week #2 is related to Truth and Reconciliation, biases and assumptions and theory related to nursing practice and interdisciplinary initiatives in clinical based on quality assurance models. In Nursing 2145, work is being done to integrate Discovery Research. Concerns exist regarding student research and faculty compensation.

BSN-AE:
Students have two research course in semester one, which includes an assignment to write a research proposal. One research course in semester 2. In semester 6 there is a global health project, which includes 80 hours of working with agencies to complete research-based projects.

GNIE:
Students are engaged in identifying evidenced based research to inform their nursing practice. Students in the program are transitioning into the Canadian healthcare system and as such are expected to work on updating their skills and knowledge to a level that is current and a level that is based on evidence. We are not integrating research projects into our program, but we prepare our students to meet the BCCNM entry level competencies of an RN which include a Scholar who supports research activities and develops own research skills. We support this in curriculum by: students need to obtain academic integrity badge, conduct literature reviews, use scholarly peer reviewed articles, use evidence-based practice

HCAP:
The Program does not include research, but does value research driven products. HCAP has connected with students from the Wilson School of Design to implement newly designed reusable gowns into the HCAP labs. HCAP students are encouraged to participate in survey research in clinical sites. HCAP has worked thoroughly to ensure the indigenization of the curriculum. This was completed by multiple faculty members who worked closely with Kwantlen First Nation Elders, KPU Elder in Residence, and many more notable indigenous community members within KPU.

b. Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.

**Please request <u>ALL</u> departments within the Faculty/School to complete the annual department update form attached. **

The number of departments within your Faculty/School: _____6_____

List of departments with a formalized undergraduate research plan:

Department	Yes, we have a formalized undergraduate research plan	No, we do not have a formalized plan	The department did not submit their response
Bachelor of Science in Nursing		X	
Bachelor of Science in Nursing Advanced Entry		X	
Bachelor of Psychiatric Nursing		X	
Graduate Nurse Internationally Educated Re-Entry Certificate		X	
Health Care Assistant Certificate		X	
Traditional Chinese Medicine – Acupuncture Diploma		X	

c. Support curriculum and program development initiatives that promote research.

<div align="center">AND</div>

e. Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.

Please describe how the Faculty/School plans to support curriculum and program development initiatives that recognize research as essential to the scholarship of teaching and learning and promote research as part of curriculum.

The Faculty of Health will continue to support research based curriculum and will have it on the agenda for the next academic year.

<div align="center">**Thank you for submitting the updates**
Please return the completed form by April 14th, 2023.</div>

Whitepaper on Research and Scholarship
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Faculty/School: | Melville School of Business

1. **Student Engagement in Research across the Institution**

    a. **Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan**

Has your Faculty/School established a Research and Graduate committee?   ☒ YES / ☐ NO

Has your Faculty/School established a plan for integrating research into programs?

☐ YES / ☐ NO / ☒ IN DEVELOPMENT

Please provide the Senate with your Faculty/School's progress on research plan development. KPU's Academic plan can be found here https://www.kpu.ca/vp-academic/academic-plan-2023

Research plan development:

The new strategic plan and vision for the Melville School of Business (MSB) puts a focus on "Excellence in applied scholarship", one of MSB's four strategic categories. A working group of faculty is currently developing the objectives and plans in collaboration with the Dean and Associate Deans, and Faculty Council's Standing Committee on Research and Scholarship.

The central initiative (top priority) under development at MSB is an annual "Mini-Conference," themed and tied to research and scholarship projects completed in selected courses. Selected students will present projects for judging by industry participants. The format could be a short presentation in the style of "3-minute thesis." All students (from selected courses) will be offered the opportunity to have a visual display of their projects (poster or interactive demonstration).

Students will be engaged to create a report of the highlights (selected proceedings) from the event that will be available to the general public and industry partners. This may be expanded to a full-scale record of proceedings in successive iterations.

The plan calls for 1 year in development of a pilot. This is the top-priority initiative under the plan, and we expect to iterate improvements each year.

Secondary initiatives:
1. Setting up a workshop for students and faculty to create cases, (1 year completion date)
2. Streamlining process to get student research assistants, and providing MSB faculty support to achieve those funds (<1 year)
3. Identification and professional development of "Research Champions" for every MSB department (1-2 years)
4. Work with ORS to develop guidelines and raise awareness for faculty to understand where and how REB requirements apply to student research in courses and programs (1 year)
5. Addition of scholarship section in annual strategic plan for each MSB department, with focus on curriculum & supporting students and faculty search where feasible to build capacity in student research integration (months). Each year as part of Department's strategic plan, they will need to identify how they have contributed to the strategic category of "Excellence in applied scholarship" and its three goal categories (<1 year):
   a. 4.1 Expand Melville scholarship characterized by faculty-student collaboration.,
   b. 4.2 Enhance mechanisms connecting faculty and student scholars with support.
   c. 4.3 Expand mechanisms that showcase Melville-produced scholarship.

Tertiary initiatives:
1. Investigate the feasibility of developing a student-led MSB research journal for facilitating the development of independent and critical thinking, innovation, digital literacy and advanced writing skills among students. Students could be charged with naming the journal, sending out calls for papers, finding peer-reviewers, liaising with the publishers; and write academic reviews for the journal
2. Investigate the feasibility of developing a research database where students' completed research projects and ongoing research ideas are saved. The database will be a valuable resource for students to learn from each other, and to stay up-to-date on the latest developments in their field.

b. Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.

**Please request <u>ALL</u> departments within the Faculty/School to complete the annual department update form attached. **

The number of departments within your Faculty/School: _____15_____

List of departments with a formalized undergraduate research plan:

Department	Yes, we have a formalized undergraduate research plan	No, we do not have a formalized plan	The department did not submit their response
ACCT	X		
BGP		X	
BUQU		X	
BUSI	X		
CBSY		X	
COOP			X
CSIT	X		
CMNS		X	
ECON	X		
ENTR	X		
HRMT	X		
LGLA		X	
MRKT			X
OTM		X	
PRLN	X		

c. **Support curriculum and program development initiatives that promote research.**

AND

e. **Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.**

Please describe how the Faculty/School plans to support curriculum and program development initiatives that recognize research as essential to the scholarship of teaching and learning and promote research as part of curriculum.

Curriculum, Program, and Recognition Initiatives:
1. Co-publishing business teaching cases, once created as OER resources (2 – 3 year completion date for publication)
   a. Note: this is also reflected in the research plan as secondary initiative #1
2. Support students travelling to conferences to present work completed in class or in partnership with faculty (Months)
3. Creation of an undergraduate honors degree and a master's degree where additional credits will involve applied research (long term 3 years)

Thank you for submitting the updates
Please return the completed form by April 14th, 2023.

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Faculty/School:

Faculty of Science and Horticulture

1. <u>Student Engagement in Research across the Institution</u>

a. Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan

Has your Faculty/School established a Research and Graduate committee?   ☒ YES   /   ☐ NO
- **FSH has a Research Committee, not a Graduate Committee**

Has your Faculty/School established a plan for integrating research into programs?

☒ YES   /   ☐ NO   /   ☐ IN DEVELOPMENT

Please provide the Senate with your Faculty/School's progress on research plan development. KPU's Academic plan can be found here https://www.kpu.ca/vp-academic/academic-plan-2023

Research is integrated into most bachelor's degree programs and select diploma programs in our faculty. Examples of student research requirements include:

- Sustainable Agriculture students complete a full-year, 3-course series in which they design, implement, analyze, and present an experimental research project;
- Biology and Health Science students study experimental design and engage in course-based laboratory research projects. Biology Honours students complete an undergraduate Thesis, based on original independent research under the guidance of a faculty supervisor;
- Environmental Protection Technology students complete a research project that involves topic selection, data collection and interpretation, report-writing and presentation.
- Both of the Bachelor of Horticulture Science degrees require completion of an applied research project; and
- Physics for Modern Technology students complete a research-based senior project.

Some Science and Horticulture students pursue opportunities to work with KPU's research institutes on extra-curricular research projects.

b. **Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.**

**Please request <u>ALL</u> departments within the Faculty/School to complete the annual department update form attached. **

The number of departments within your Faculty/School: _10_____

List of departments with a formalized undergraduate research plan:

Department	Yes, we have a formalized undergraduate research plan	No, we do not have a formalized plan	The department did not submit their response
AGRI – Sustainable Agriculture	☑		
BIOL – Biology	☑		
BREW – Brewing			☑
CADD – Computer-Aided Design & Drafting		☑	
CHEM – Chemistry			☑
ENVI – Environmental Protection Technology	☑		
HORT – Horticulture	☑		
HSCI – Health Science	☑		
MATH – Mathematics	☑		
PHYS – Physics, Astronomy & Engineering	☑		

c. **Support curriculum and program development initiatives that promote research.**

<u>AND</u>

e. **Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.**

Please describe how the Faculty/School plans to support curriculum and program development initiatives that recognize research as essential to the scholarship of teaching and learning and promote research as part of curriculum.

Most undergraduate degree programs in the Faculty of Science and Horticulture include a research requirement. The program review and revision process offers an opportunity to introduce new research components into the curriculum and to strengthen those that already exist.

Environmental Protection Technology stands out as our only diploma program with a research requirement. Diploma and certificate programs generally do not offer enough student contact time to engage students in independent research.

Mathematics is considering adding a co-op option which to allow math students to participate in external research with industry partners. External research projects for mathematics students are currently ad hoc arrangements, based on requests for students with data analysis or modelling skills.

Some Science and Horticulture students are able to gain research experience by working with KPU's Institute for Sustainable Horticulture, its Institute for Sustainable Food Systems, or its Applied Genomics Centre. Grants that support the institutes' research offer valuable paid extra-curricular student research opportunities. KPU's Student Research and Innovation grants have also helped support student research, both inside and outside the formal curriculum.

Faculty are needed to supervise the many student research projects conducted in our faculty, but few have time to engage in independent research of their own. Enrollment caps are placed on the Biology and Health Science courses based on the number of faculty supervisors available to mentor student projects. Enrollment has so far been low enough in Horticulture, Physics, and Sustainable Agriculture degree programs to allow a single instructor to mentor all research projects, but this approach cannot be sustained as enrollment grows. The lack of faculty time to engage in research or maintain long-term projects that students can engage with is currently limiting student access to research opportunities. Funding is needed to compensate faculty for research supervision, and to offer time release to develop and maintain research programs that can support multiple student projects.

Thank you for submitting the updates
Please return the completed form by April 14th, 2023.

Whitepaper on Research and Scholarship
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Faculty/School: | Wilson School of Design

1. **Student Engagement in Research across the Institution**

   a. **Request that all Faculties and Schools develop research plans in accordance with KPU's Academic Plan**

Has your Faculty/School established a Research and Graduate committee?   ☒ **YES** /   ☐

Has your Faculty/School established a plan for integrating research into programs?

☐   /   ☐   /   ☒ **IN DEVELOPMENT**

The Wilson School of Design Research and Graduate committee formed in May of 2020 and continues to work collaboratively on the development of a school-wide research plan. This committee started the process in May 2021 and began by identifying the contexts, approaches, methodologies, communities, collaborations, outcomes and impacts each program has to offer.

From: WSD's Strategic Initiative: Research / Draft Plan:

Table 4: Next Steps/Priority Points of Action – the WSD Draft Research Plan (2022-2023)

WSD Draft Research Plan	Timeline	Support / Resources Required	How	
1. Foundation – Platform	June – Oct 2022	1 x Faculty Time Release 1-2 x Student RA	Import and adapt Faculty of Arts Moodle Platform.	Imported and ongoing development

2. Tools and Framework	Sept – Dec 2022	(1 x Junior and 2 x Senior Students)	Identify and adapt WSD templates for REB and Pebble Pad/Portfolio	Ongoing development with REB, PebblePad initiative in place.
3. Capacity and Capabilities	Ongoing (recommend Spring 2023)	1-2 Time Releases dedicated specifically to securing additional resources for WSD research sustainability	Scope and develop funding applications Identify and develop partnerships	NSERC Mobilize submitted April 2022, notified of success Oct 2022

Canada Foundation for Innovation (CFI) Application with SFU, BCIT & WSD/KPU, Submitted June 2022. |

Please provide the Senate with your Faculty/School's progress on research plan development. KPU's Academic plan can be found here https://www.kpu.ca/vp-academic/academic-plan-2023

b. Request that all Departments develop a formalized plan for integrating opportunities for undergraduate research. Research must be regarded as integral to learning objectives and be included, for instance, as a required part of a major.

**Please request <u>ALL</u> departments within the Faculty/School to complete the annual department update form attached. **

The number of departments within your Faculty/School: <u>Seven_____</u>

List of departments with a formalized undergraduate research plan:

Department	Yes, we have a formalized undergraduate research plan	No, we do not have a formalized plan	The department did not submit their response
WILSON SCHOOL OF DESIGN / COMPREHENSIVE CROSS-PROGRAM APPROACH	X – In progress		
Foundations in Design (1 year)		X	
Fashion Marketing (2 years)		X	
Fashion Design & Technology (4 years)		X	
Graphic Design for Marketing (4 years)		X	
Interior Design (4 years)		X	
Product Design (4 years)		X	
Technical Apparel design (2 years)		X	

c. Support curriculum and program development initiatives that promote research.

The WSD Faculty believe it is important to be able to engage in research in accordance with our interests, skills, knowledge, and opportunities arising – there while we recognize the need to demonstrate research areas of focus and expertise, we seek flexibility in research engagement approaches. Unlike some fields, faculty experience of professional practice is necessary for experiential learning in Design. The professional experience of our faculty gives us a competitive advantage over other schools. We feel that design practice is mandatory in our faculty, and not replaceable by education or research outside of practice. As identified in program reviews and external BDO study the integration of research skills within curriculum is a current strength of the WSD.

January 2023 April 2023 – Hiring of 10 student Research Assistants (RA) Focus on engagement, communication and skills development + short term and long term student research goals:

1. Industry/UBC Collaborative Funded project with Sherman Jen Research Chair – 3 RA's (Spring 2023)
2. WSD Research & Communication – 3 RA's (Spring 2023) + 1 RA (Summer 2023)
3. *WSD Student Engagement in Research – 3 RA's across Fashion Design & Technology Year 4, Department of Product Design Year 3, and Interior Design Year 2.
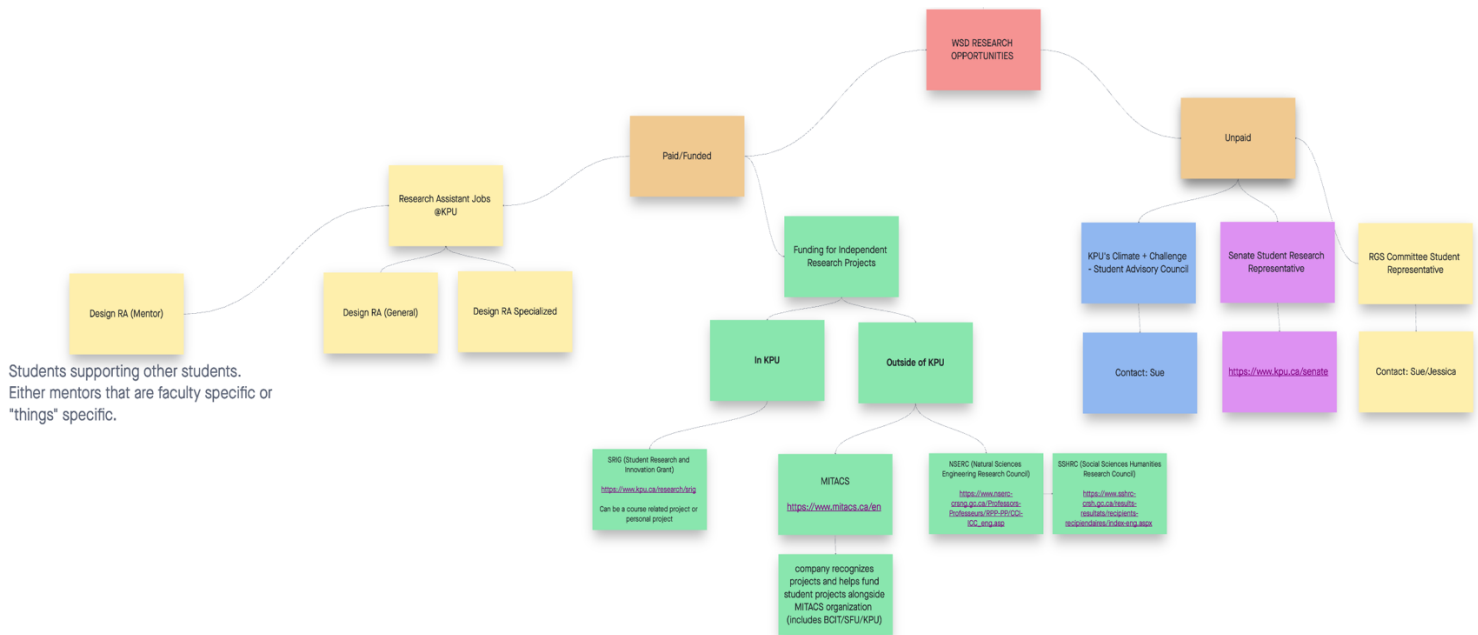

Figure 1. Student-generated: Pathways for accessing Research Opportunities within the Wilson School of Design (Image Credit: C. Gee 2023)

12 x Student Research Innovation Grant Applications (SRIG)– Course Based Capstone Projects/ Research 2022/2023

PROGRAM: Fashion Design & Technology
     1. What are alternative fitting methods for sustainable design in infant apparel?
     2. How to develop portable and modular survival apparel gear for people who may experience homelessness?
     3. How can discrete self-regulating clothing support children with ADHD?

PROGRAM: Design for Technical Apparel

     4. Performance and Protection Apparel for Male Wheelchair Rugby Athletes
     5. Technical apparel needs for runners who menstruate
     6. Female adequate Personal Protective Clothing (PPC) for Structural Firefighters
     7. How can level 2 isolation gowns be designed in a way that is not subjected to supply chain disruptions, reduce the health system's ecological footprint with ideal fit and protection?

PROGRAM: Product Design

     8. Improving Technical Textile Circularity in the Outdoor Recreation Industry
     9. Mitigating Menstrual Pain
     10. Preventing Waste from Children's Furniture
     11. Acoustic Comfort Design
     12. Can a human centered sensory device help with problematic dry skin?

The above initiatives are related to the Wilson School of Design's recent success in the awarding of $1 million to establish an Applied Design Research Centre.

The following initiatives fall within the above:

A. Development of a Draft Framework for Course-based Research Projects with Clients (linked to NSERC Mobilize Grant 2022-2027)
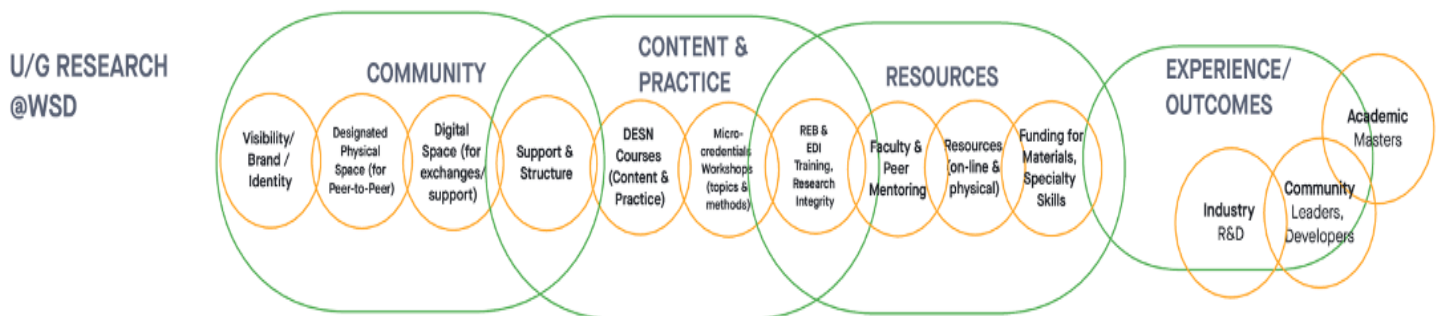B. WSD Communication Plan & Research Culture Strategy

Figure 2: Draft Undergraduate Research Model at Wilson School of Design showing the interconnections of the key elements: Community, Content, Resources, Experience.

e. **Recognize research as essential to the classroom and to the scholarship of teaching and learning. KPU faculty members need to be proactive in their disciplines to ensure the continued relevance and quality of educational programs.**

Please describe how the Faculty/School plans to support curriculum and program development initiatives that recognize research as essential to the scholarship of teaching and learning and promote research as part of curriculum.

The following programs are currently in Program Review: Fashion Design & Technology, Foundations in Design, and Product Design. Interior Design completed their Program Review 2022 and this led to the First Honors Design Program at Wilson School of Design. Design for Technical Apparel completed their program review in 2021 and have implemented a new Capstone Research Course.

Program Review has highlighted an opportunity to address research within Program Learning Outcomes (PLO) and this has led to a number of proposals currently under consideration within the School. This may include a series of research courses, enabling student to ladder and to engage in and be exposed in undergraduate design research, and Faculty-based Research projects as Research Assistants.
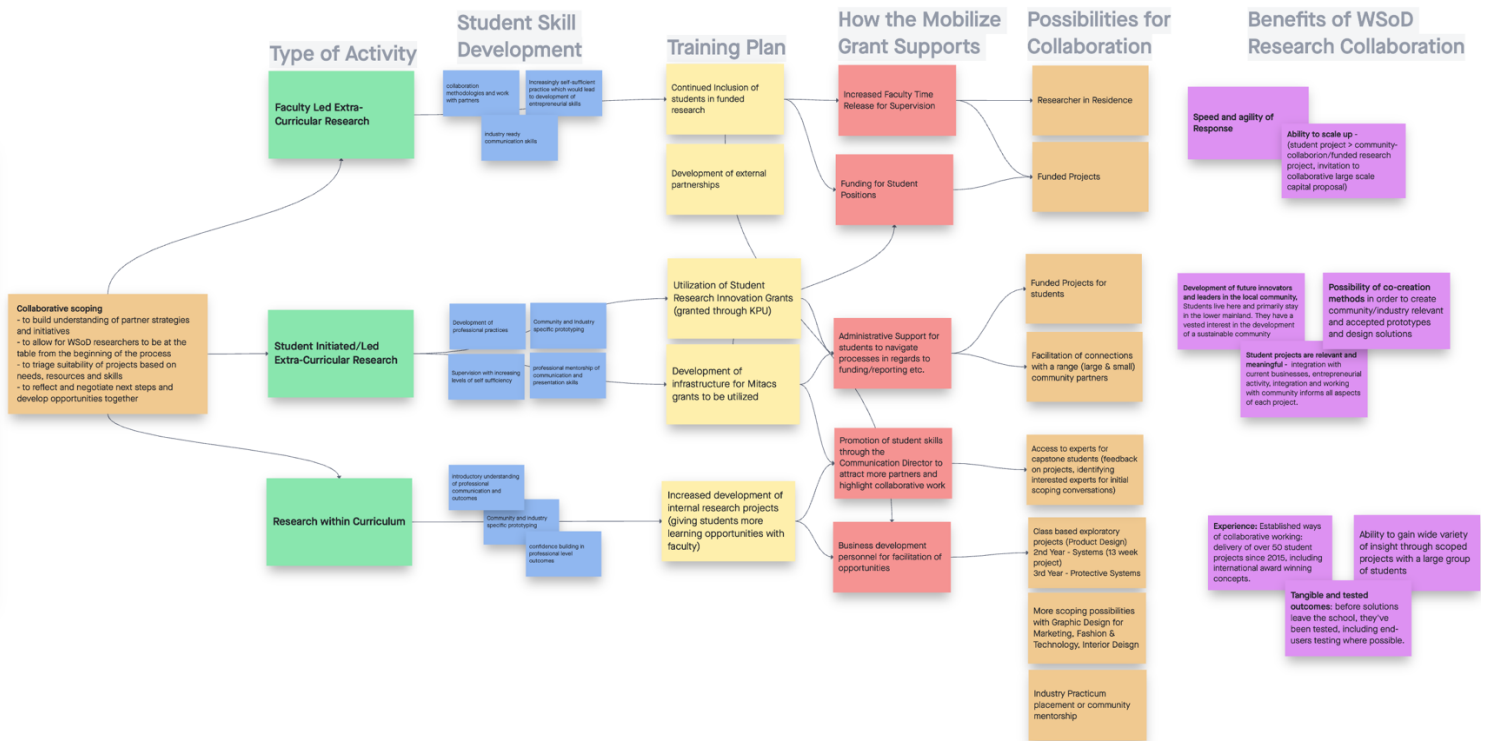

Figure 3: Collaborative Scoping of Research pathways at the Wilson School of Design.