



## SENATE STANDING COMMITTEE - RESEARCH

Thursday, October 18, 2018

2:00 p.m. – 4:00 p.m.

Surrey Board Room

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### AGENDA

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1.	Call to Order	Diane Purvey	2:00
2.	Confirmation of Agenda	Diane Purvey	2:05
3.	Approval of Minutes	Diane Purvey	2:10
4.	Chair's Report	Diane Purvey	2:15
5.	Report of the Interim AVP-Research	Stephanie Chu	2:20
6.	Items for Discussion		
6.1	Open Access Week and Open Access Research	Karen Meyer-Klein	2:30
6.2	The KPU Foundation and Research	Steve Lewarne & Katie Miller	2:45
6.3	Ideas for the Celebration of Research	Diane Purvey	3:30
6.4	Election of Chair	Diane Purvey	3:45
7.	Adjournment		4:00
8.			

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MINUTES OF REGULAR MEETING  
Senate Standing Committee on Research  
Thursday, September 13, 2018  
2:00 PM – 4:00 PM  
Surrey Campus Boardroom, Cedar 2110

<b>Present: Voting Members</b>		<b>Non-Voting Members</b>
Daniel Bernstein	Deborah Henderson	David Burns - Chair
Norman Chamberlain	Victor Martinez	Stephanie Chu
Karen Meijer-Kline	Diane Purvey	
Lincoln Saugstad	Betty Worobec	
Paul Adams		
<b>Regrets:</b> Harjit Dhesi Mandeep Pannu		<b>Observer:</b> Catherine Parlee

**1. Call to Order**

The Chair called the meeting to order at 2:00 pm.

**2. Approval of Agenda**

Moved that the agenda be revised to include Minutes as item #2.1

Karen Klien Meijer moved the agenda be confirmed as amended.

Seconded by Victor Martinez

**The motion carried.**

**2.1 – Minutes**

Norm Chamberlain moved that the minutes be accepted as corrected.

Seconded by Daniel Bernstein

**The motion carried.**

**3. Chair's Report**

**4. Interim AVP Research, Report**

Report was presented with discussion and comments following.

Interim AVPR to provide data on research applications and successes through the ORS and the Foundation including large grant proposals in development.

**ACTION** – An invitation will be extended to a representative from the KPU Foundation to grant development and support.

## **5. Regular Business**

### **5.1 Review of Research Support at KPU**

**ACTION** – Chair to inquire with the Provost as to whether the University currently has a working definition of research in the institutional context of KPU.

**ACTION** – Chair will report the urgent need for Intellectual Property and Research Institute Policies

### **5.2 Election of Chair**

Nominations were requested from the floor

Two nominations were received, but declined

**ACTION** - Election of Chair was tabled until the October, 2018 meeting when nominations will again be requested.

## **6. Items for Discussion**

### **6.1 – Mandate of the Committee**

The Committee discussed the ways in which they might be informed of upcoming large grant proposals. It was decided that this should be part of the report of the AVP-R.

### **6.2 - Celebrating Research**

**ACTION** – Diane Purvey will submit to the Committee, as the basis of future discussion, ideas regarding possible ways to celebrate research at KPU.

## **7. Adjournment**

The meeting adjourned at 3:45

## Research, Applied Research, and Scholarship at KPU

Version: August 23, 2017

- A. **Research at KPU** is an undertaking intended to discover, create or extend knowledge through a disciplined inquiry or systematic investigation. The essential outcome of basic or fundamental research is the acquisition of further or new knowledge with no given expectation of a specific application. Validation of basic research is achieved through publishing in peer-reviewed journals, paper presentations, published articles, conferences and monographs.

KPU is committed to nurturing an active research and applied research environment through provincial, federal and private funding sources. While the act\* states that research activities will take place as “resources from time to time permit”, KPU affirms its support of research activities provided that they demonstrate alignment with the objectives of KPU’s strategic and academic plans.

The **Office for Research and Research Services (ORRS)** will

- support researchers to enhance their funding application skills,
- encourage sound scientific principles of discovery, taxonomy, analysis, and application,
- provide joint tracking and accountability by the researcher as required by the respective funding bodies,
- provide research accountability and oversight as required by:
  - federal and provincial legislation,
  - funding body and KPU policies and procedures; and,
  - research ethics leading practices.
- foster a community of practice among researchers that shares experience and expertise among individual researchers, research advisory committees and the general scholar community, and
- support opportunities for knowledge mobilization.

*\*The University Act [RSBC 1996 Chapter 468] article 47.1 (d) stipulates that KPU has the power to, “so far as and to the extent that its resources from time to time permit, undertake and maintain applied research and scholarly activities to support the programs of the special purpose, teaching university.”*

- B. **Applied Research at KPU** is a research methodology aimed at solving specific emerging, existing and potential practical problems as proposed by industry, community enterprises and businesses. The desired outcomes of applied research generally centre on the needs of clients, funders or sponsors. External validation is an important component of applied research. Support for Applied Research is provided by ORRS.
- C. **Scholarship at KPU** follows the definition of Edward Boyer’s 1990 model, with the addition of the Scholarship of Creativity to the original four elements.

Support for scholarship at KPU will entail opportunities for professional engagement (including with others) in one’s discipline or regarding teaching, developing professional development plans, alignment with existing PD/education leave opportunities and scholarly inquiry.

Scholarship is an undertaking to upgrade knowledge and maintain currency in any given discipline to enhance a skill set. Scholarship aims to broaden experience, promote knowledge dissemination and to engage scholars with peers, mentors and other practitioners.

### ***The Scholarship of Discovery***

- The generation of new knowledge through original, inquiry-based research or creation of original works.

Examples:

- i. Published articles in peer-reviewed journals
- ii. Exhibits and artistic performances
- iii. Publication of books, monographs, or creative works
- iv. Presentations at professional meetings
- v. Musical or dramatic performances
- vi. Creation of software of internet applications
- vii. Video, film, photographic, audio or other multimedia creations

#### ***The Scholarship of Integration***

- The synthesis, analysis, and critical appraisal of the research or creative works of others.
- Integration scholarship seeks to find meaningful patterns within isolated facts and fragmentary knowledge.
- Such scholarship is often interdisciplinary or multidisciplinary in nature.

Examples:

- i. Critical review articles
- ii. Inquiries at the boundaries of traditional fields
- iii. Development of interdisciplinary or multidisciplinary courses, programs, or events.
- iv. Organization of a conference
- v. Textbook publication
- vi. Journal editor or referee

#### ***The Scholarship of Application & Engagement***

- The application of knowledge to consequential problems at the level of individuals, institutions, communities, and society.
- These applications (also be thought of as service) should derive from one's field of expertise.
- Service scholarship is a serious and challenging activity and should be measured with the same seriousness and accountability as traditional research.

Examples:

- i. Service activities related to one's academic or professional field
- ii. Consulting or providing technical assistance
- iii. Program evaluation
- iv. Policy analysis, development, and revision
- v. Data-based analyses that improve disciplinary, departmental, or institutional procedures and practices
- vi. Appointments and elections to disciplinary or professional organizations

#### ***The Scholarship of Teaching & Learning***

The Teacher-Scholar uses expertise as an educator:

- To develop and deliver powerful pedagogies.
- To enhance opportunities for learning within and between learners.
- To engage in reflective practice.

Examples:

- i. Publishing articles on teaching and learning
- ii. Development, implementation, and/or sharing of teaching and learning innovations and technologies
- iii. Development, implementation, and/or sharing of teaching and learning techniques and strategies
- iv. Research and other creative work which focuses on the improvement of teaching and learning
- v. Active participation in teaching and learning workshops, conferences, and professional development
- vi. New course or curricular development and revisions

- vii. Implementation of evidence-based teaching and learning practices

**The Scholarship of Creativity**

The Teacher-Scholar uses expertise as an educator:

- To cultivate innovation and invention
- To nurture the challenging of norms and rule-bound practices
- To produce new work and re-imagine existing work
- To apply critical thinking to the creation of artistic work

Examples:

- i. Musical, dramatic, spoken-word, dance compositions
- ii. Re-interpretations of original scripts or visual artifacts
- iii. Publication of books, monographs, or creative work
- iv. Expand or extend an artistic form or
- v. Video, film, photographic, audio or other multimedia creations

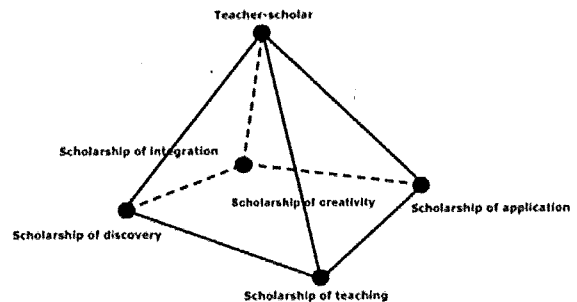
Support for scholarship at KPU is provided by the **Office for Teaching, Learning and Scholarship**, and entails:

- providing opportunities for engagement with others,
- developing professional development plans and alignment with existing professional development or education leave opportunities, and
- consultation and seed funding for scholarly inquiry through the Teaching and Learning Commons.

**Defining Scholarship at KPU**

**KPU embraces the Teacher-Scholar model:** a dynamic, expansive, and inclusive model of what it means to be a scholar. The model is grounded in Boyer’s (1990) notion that knowledge is acquired through: 1) basic research (Discovery), 2) synthesis and critical appraisal (Integration), 3) service putting theory into practice (Application), and 4) the powerful transmission and transformation of ideas (Teaching & Learning). These four principles form the foundation of a redefined knowledge pyramid that gives equal weight to the categories of scholarship.

These notions have also informed **KPU’s Vision 2018** statement of Values: *“Scholarship of discovery, creativity, integration, application, and teaching”*. At KPU we add creativity to Boyer’s model (see image). Thus, scholarship at KPU recognizes that:



1. KPU faculty are teachers and key contributors to students’ learning and success.
2. Teachers need to be scholars to advance their practice (“art of teaching”, “student-centred”, “learner-driven”).
3. Recognizes scholarship as integral to advancing T&L @KPU (see below).
4. Aspects of scholarship align with KPU’s Strategic vision & next Academic Plan which are focused on excellence in teaching/students’ experience.
5. “Scholarship” is broader than the Scholarship of Teaching and Learning (SoTL) and “research” and includes a broad range of activities that may be supported through education leaves and .6 PD, and KPU’s other limited resources if in alignment with KPU’s mandate.

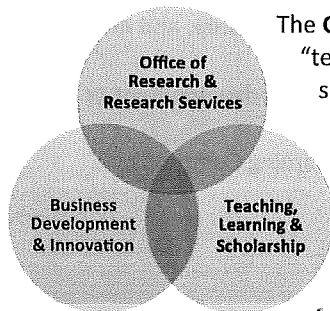
**Integrating “Research”, “Business Development & Innovation” and “Teaching, Learning & Scholarship” at KPU**

KPU is a special-purpose university that fosters innovation and community/industry collaboration through research, applied research, experiential learning, and entrepreneurial engagement.

### Anticipated Outcomes

1. Visible internal and external promotion and celebration of KPU educators and students' unique experiences through collaboration between the 3 portfolios. (Better communications & reputation; hosting of key events).
2. Clear roles, partnerships and procedures to excel in students' experiences (course pedagogies; experiential learning; undergraduate research; post graduate activities/innovation).

The **Office of Research and Research Services (ORRS)** provides consultation to KPU researchers to seek and apply for external funding for research (an undertaking intended to discover, create or extend knowledge through a disciplined inquiry or systematic investigation.) ORRS manages the research administration process from contracts, grant administration, reporting and ensuring compliance.



The **Office of Teaching, Learning & Scholarship** recognizes and supports KPU faculty as “teacher-scholars” during their academic careers. Includes providing consultations, PD, scholarly inquiry opportunities, training and support, supporting opportunities for professional engagement (including with others) in one’s discipline or regarding teaching, developing professional development plans, alignment with existing PD/education leave opportunities and scholarly inquiry, and recognizing faculty efforts and advancements to students’ learning and success.

The **Office of Business Development & Innovation** includes some parts of the former AVPR’s portfolio and leads the development of strategic business opportunities and innovation in alignment with KPU’s Strategic Vision and Academic Plan. It seeks and responds to entrepreneurial opportunities, such as strategic partnerships with industry, community organizations and government.

Example of possible partnerships:

- Faculty member pursues research in his/her discipline, involves students in the research (enhancing their learning experience). Students produce new ideas for post-graduation follow-up through a business idea (all three offices).
- Faculty member is a researcher in his/her discipline and provides opportunities for student research. (ORRS & Teaching, Learning & Scholarship).
- Students are involved in a design project in their course. The project may be of interest to an industry partner to help solve a real issue. The project’s planning and pilot suggest potential and after graduation, the alumni pursue their idea with KPU (ORRS & Business Development & Innovation).