

SENATE STANDING COMMITTEE ON RESEARCH

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

AGENDA

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|----|---|------|
| 1. | Call to Order and Territorial Acknowledgement | 2:00 |
| 2. | Approval of Agenda | |
| 3. | Approval of Minutes, May 31, 2023 | |
| 4. | Chair's Report Daniel Bernstein | 2:05 |
| | 4.1. Mandate and Membership Review | |
| 5. | Items for Information | |
| | 5.1. Graduate Studies Update David Burns, Josephine Chan | 2:10 |
| 6. | Regular Reports | |
| | 6.1. Associate Vice-President, Research, Innovation and Graduate Studies..... Amit Shukla | 2:20 |
| | 6.2. Working Groups | |
| | 6.2.1 Curating Research Presentations (no report)..... Daniel Bernstein | |
| | 6.2.2 Generating KPU Definition of Research (no report) Amit Shukla | |
| 7. | Items for Discussion..... | |
| | 7.1. KPU Research Showcase 2024..... Amit Shuka | 2:30 |
| 8. | Adjournment | |

SENATE STANDING COMMITTEE ON RESEARCH AND GRADUATE STUDIES

Minutes of Regular Meeting

Tuesday, May 30, 2023

2:00 p.m. – 4:00 p.m.

MS Teams Online

Voting Member Quorum: 7		
Brett Favaro, Vice-Chair Daniel Bernstein, Chair Deborah Henderson Deepak Gupta Leeann Waddington	Mandeep Pannu Mark Vardy Paul Adams Shelley Boyd Sue Fairburn	Non-voting Amy Jeon
Regrets	Senate Office	Guests
Alan Davis Karen Meijer-Kline Patrick Lui Nadia Henwood	Sonia Banwait	

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

The committee requested to note that items 5.2.1 and 5.2.2 do not require a written report as the work has been completed for the academic year.

Leeann Waddington moved the agenda be confirmed as amended.

The motion carried.

3. Approval of Minutes, May 2, 2023

Daniel Bernstein moved the minutes be accepted as circulated.

The motion carried.

4. Chair's Report

No report.

4.1. Chair Election

Amy Jeon, Vice-Chair of Senate, called for Senate Standing Committee on Research and Graduate Studies Chair nominations. The term is from September 1, 2023 to August 31, 2026.

Amy Jeon conducted the election and called for nominations.

First call: Leeann Waddington nominated Daniel Bernstein. Daniel Bernstein accepted the nomination.

Second call: no nominations

Third call: no nominations

Daniel Bernstein was acclaimed as the Chair of Senate Standing Committee on Research and Graduate Studies.

5. Regular Reports

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

Deepak Gupta, Associate Vice-President, Research, Innovation, Graduate Studies, presented his report.

The committee engaged in discussion on incorporating research from other departments in the regular report. Members discussed ways to convey research information via newsletters, call-outs, and through the assistance of Communications. The committee elected to discuss further options in the Fall.

5.2. Working Groups

5.2.1. SSCRGS Mandate Review

Mandate Review is complete for the 2022-23 academic year. No report required.

5.2.2. Curating Research Presentations

Curating Research Presentations is complete for the 2022-23 academic year. No report required.

5.2.3. Generating KPU Definition of Research

Deepak Gupta provided a brief verbal report.

6. Items for Discussion

The committee thanked Amy Jeon, Vice-Chair of Senate, for her service and support to the committee and thanked committee member Mark Vardy for his service.

7. Adjournment

The meeting adjourned at 2:49 p.m.

SENATE STANDING COMMITTEE ON RESEARCH

Agenda Number: 4.1

Meeting Date: *September 26, 2023*

Presenter(s): *Daniel Bernstein*

AGENDA TITLE: COMMITTEE MANDATE AND MEMBERSHIP REVIEW

ACTION REQUESTED: Education

RECOMMENDED RESOLUTION

N/A

Context and Background

On September 19, 2021, the Senate Governance and Nominating Committee (SGNC) discussed the value of having each committee annually reacquaint itself with its mandate and membership. The intent is for new members to learn about the committee mandate and membership and for returning members to refresh their memories.

During 2022 – 2023, the Vice-Chair of Senate completed a comprehensive three-year review of all the committee mandates and memberships and recommended changes and updates to the SGNC and Senate.

Senate approved the updated attached mandates and memberships on April 25, 2022.

Key Messages

The senate standing committees continue with the practice of providing an informational introduction of their mandates and memberships each fall.

Attachments

1. SSCR Mandate and Membership

Submitted by

Sonia Banwait, Administrative Assistant, University Senate

Date submitted

August 18, 2023

MANDATE

Advise Senate on academic matters related to research at the University including:

- Institutional policies and procedures related to research
- Research aspects of university-level strategic planning
- Establishment, revision, or discontinuance of research centres and institutes
- The research environment, infrastructure, and other issues of importance to research at the University
- Research components of any proposed research-based graduate programs
- Integration of undergraduate research into curricula, via the white paper on research recommendations
- To meet or consult with other Senate committees as required
- Other duties as assigned by Senate

MEMBERSHIP COMPOSITION

Voting Members

- Chancellor
- President
- Student representative*
- One faculty senator or representative from each Faculty/School
- Associate Vice-President, Indigenous Leadership or designate
- Associate Vice-President, Research or designate
- Associate Vice-President, Teaching and Learning or designate
- Two deans or designates
- Director of a Research Institute / Centre

* An upper-level undergraduate or graduate student

Non-voting Members

- Vice-Chair of Senate
- Director, Office of Research Services or designate

Approved by Senate: June 26, 2023

SENATE STANDING COMMITTEE ON RESEARCH

Agenda Number: 5.1

Meeting Date: September 26, 2023

Presenter(s): Dr. David Burns, Josephine Chan

AGENDA TITLE: GRADUATE STUDIES UPDATE

ACTION REQUESTED: Information

RECOMMENDED RESOLUTION

N/A

COMMITTEE REPORT

For Secretariat Use Only

Context and Background

The Provost's Office will, this academic year, propose a Faculty of Graduate Studies, a new policy on graduate studies, and revisions to existing policies to accommodate graduate studies. It will also, alongside the Melville School of Business, propose KPU's first master's program.

Section 47.1 of the University Act stipulates that Special Purpose Teaching Universities are to provide academic programs leading to certificates, diplomas, baccalaureate, and master's degrees that meet the needs of the region and beyond. KPU currently offers two graduate diplomas (Global Business Management, Green Business Management and Sustainability) and one graduate certificate (Sustainable Food Systems and Security). As the University begins to develop its first master's degree proposal in Operations, Supply Chain, and Logistics Management in 2023-2024, a formal administrative and governance structure will need to be established to support the expansion of teaching, learning, and research at the graduate level at KPU.

Per Policy GV9 Establishment and/or Discontinuance of Faculties and Departments, the Office of the Provost (proponent) is currently developing a preliminary proposal for a proposed new Faculty of Graduate Studies that will provide administrative and governance structure on all aspects pertaining to graduate studies at KPU. The Policy and Academic Affairs team will also begin its work on a university-wide policy reform that will support a formal policy structure at the graduate level.

This information will be shared with a number of Senate Standing Committees in September 2023, which includes the Senate Standing Committees on Policy (September 6), Governance and

Nominating (September 12), Curriculum (September 13), Research (September 26), Teaching and Learning (September 28), and Academic Planning and Priorities (September 29).

Preliminary proposal consultations with key parties are expected to take place in early fall 2023. A preliminary proposal will be forwarded to the Provost who will consider the merit of the proposal, before it is submitted to SSC on Academic Planning and Priorities for recommendation to Senate for consideration in late fall 2023.

Building on the extensive work of both the previous Graduate Studies Task Force, last year's consultative work by Drs. Dianne Symonds, Mariana Gatzeva and Deepak Gupta (AVP Research and Innovation) and an expansive policy review by Tristan Li and Josephine Chan (Policy and Academic Affairs Office, Office of the Provost) we will be proposing several key starting points. These include:

1. Devolution to the Council: That the Faculty of Graduate Studies [FoGS] handle key decisions at the Faculty Council level (or at standing committees of the same) typically handled by graduate schools, such as admissions, requests for leave, thesis/project related approvals for examination panels or graduate supervision, etc.
2. Iterative General Regulations: That a policy on graduate studies be created that, among other acts, provides the authority for the FoGS to establish a range of regulations regarding graduate admission, continuance, thesis/project examination, etc., at the level of the Faculty Council. This is a widely adopted practice at other graduate schools and will enable flexibility, in particular, during our initial years.
3. Master's Degrees Only: That the existing graduate programs, at the diploma level and below, not (at least at first) be part of the FoGS.
4. Temporary Representation: That, until such a time as a range of programs exist that could populate the FoGS Faculty Council, the Council be populated by representatives chosen by the Faculties that are likely to offer Master's level programming in future: Melville School of Business, Faculty Arts, Wilson School of Design, Faculty of Science and Horticulture and Faculty of Health (neither Trades and Technology, nor Academic and Career Preparation, which offer courses at different credential levels).
5. Omnibus Changes: That, in addition to the creation of a graduate studies policy, a single, focused policy revision process be undertaken (an "omnibus approach") to narrowly revise a series of KPU policies to accommodate graduate studies. We would not, under this proposal, make revisions to any area of these policies not directly related to graduate studies. We will propose this to the Senate Standing Committee on Policy prior to initiating the process.

Key Messages

1. The Provost's Office (proponent) will develop a preliminary proposal for the Faculty of Graduate Studies at KPU in accordance with requirements stipulated in Policy and Procedure GV9.
2. Preliminary proposal consultations with key parties are expected to take place in early fall 2023. A preliminary proposal will be forwarded to the Provost who will consider the merit of the proposal, before it is submitted to SSC on Academic Planning and Priorities for recommendation to Senate for consideration in late fall 2023.

3. Key information and progress update on the proposal to establish a Faculty of Graduate Studies at KPU can be found on SharePoint:

<https://kpuemp.sharepoint.com/sites/avpa/SitePages/Home.aspx>

Resource Requirements

The Policy and Academic Affairs team from the Provost's Office will provide project management and administrative support for the development of a preliminary proposal for the Faculty of Graduate Studies at KPU.

Implications/Risks

If KPU does not establish a Faculty of Graduate Studies to provide administrative and governance oversight on graduate studies, there will be risks for the University community including, but not limited to: a lack of support for faculty and students, lack of structure and policy guidance on supervision, thesis, withdrawal, and inconsistencies on practices and guidelines on the operational and administrative processes that support graduate studies.

Attachments

1. Policy GV9 [Establishment and/or Discontinuance of Faculties and Departments / Procedure](#)
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Submitted by

Dr. David Burns, Associate Vice-President, Academic

Josephine Chan, Special Assistant to the Provost on Policy and Academic Affairs

Tristan Li, Policy and Academic Affairs Specialist

Date submitted

August 29, 2023

Policy History
Policy No. GV9
Approving Jurisdiction: Board of Governors, with Senate advice
Administrative Responsibility: Provost and Vice President Academic
Effective Date: November 30, 2022

Establishment and/or Discontinuance of Faculties and Departments Policy

A. CONTEXT AND PURPOSE

As a special purpose teaching university under British Columbia’s University Act, Kwantlen Polytechnic University (KPU) (“the University”) Senate must advise the Board, and the Board must seek advice from Senate, on the development of a policy relating to the establishment and discontinuance of Faculties and Departments at KPU. The Board must also consider recommendations from the Senate for the establishment and discontinuance of Faculties and Departments.

B. SCOPE AND LIMITS

1. This policy outlines the principles and procedures governing the establishment and/or discontinuance of Faculties and Departments at KPU.
2. This policy applies to all academic Faculties and Departments, and does not apply to service Departments or Departments that do not operate under the authority of a Faculty Council at KPU.
3. Proposals for the moving of a Department from one Faculty to another will require a majority vote from each Faculty Council, and adhere to the process outlined in the Procedure in support of this Policy.

C. STATEMENT OF POLICY PRINCIPLES

1. The university has a strategic plan and an academic plan against which the establishment and/or discontinuance of Faculties and Departments will be evaluated.
2. The Board will consider recommendations from Senate before approving final proposals relating to the establishment of Faculties and Departments at KPU.
3. All recommendations and votes from proponents, directly impacted Departments and Faculties, and Senate, regardless of whether they are for or against the establishment and/or

discontinuance of Faculties and Departments, will be included in the full written proposal for the Board's final decision.

4. Proposals for the establishment and/or discontinuance of Faculties and Departments must be developed through a public, transparent proposal development process where recommendations, feedback, and responses are collected during the consultation process between the proponent, impacted Faculties and Departments, and key parties of the University are included in the proposal.
5. Proposals for the establishment and/or discontinuance of Faculties and Departments must be comprehensively documented in order to ensure that all consequences, including impact to students, have been investigated to a reasonable extent.
6. Proposals for the establishment and/or discontinuance of Faculties and Departments may be initiated by a Dean (or designate), Director (or designate), or by a Department, School, or Faculty (or a committee of one of these bodies), known as the Proponent, and will be submitted for consideration to the governing bodies as outlined in the procedures.
7. Proposals for the amalgamation of two or more Faculties, or the division of an existing Faculty into two or more Faculties, will be considered as the establishment of a new Faculty.
8. Proposals for the amalgamation of two or more Departments, or the division of an existing Department into two or more Departments, will be considered as the establishment of a new Department(s).
9. If the proposal for the moving of multiple Departments from one Faculty to another will result in the amalgamation of the Departments in the destination Faculty, it must be indicated in the proposal document.
10. Proposals for the discontinuance of a sole remaining Department in a Faculty will also be considered as the discontinuance of the Faculty altogether.
11. The establishment and/or discontinuance of Faculties and Departments will follow the process outlined in the GV9 procedure.

D. DEFINITIONS

Refer to Section A of *GV9 Establishment and/or Discontinuance of Faculties and Departments Procedure* for a list of definitions in support of this Policy.

E. RELATED POLICIES & LEGISLATION

University Act [RSBC 1996] Chapter 468; Sections 27 (2) (i) and (j) and Section 35.2 (6) (e)
AC10 Development and Change of Senate-Approved Programs Policy
AC12 Naming, Academic Units

F. RELATED PROCEDURES

Refer to *GV9 Establishment and/or Discontinuance of Faculties and Departments Procedure*.

SENATE STANDING COMMITTEE ON RESEARCH

Agenda Item: 6.1

Meeting Date: September 26, 2023

Presenter: Amit Shukla

Associate Vice-President, Research and Innovation Report

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

Startup Grind Richmond: Women's Month

The Office of AVP Research and Innovation (AVPRI) co-hosted a partnership event with Startup Grind Richmond called SG Women Month on June 28, 2023, in Richmond Campus. It was an empowering event talking about business leadership, career advancement, and entrepreneurship. During this engaging occasion, three accomplished female startup founders were honored guests, sharing their passions, aspirations, and profound insights garnered through their entrepreneurial journeys. Their stories served as a source of inspiration for all in attendance. It was a wonderful event with more than 20 participants from the community.

FROM THE OFFICE OF RESEARCH SERVICES (ORS)

Staff update and new upcoming events

- **Staff update-** Apostolos Zimeras joined ORS as a Research Communications and Events Coordinator. Apostolos has a decade of experience in digital marketing and a deep passion for strategic communication. He has been in the writing/web development business for years.
- **Cultural Heritage Training Workshop-** In support of the upcoming research pilot between KPU Biology, KPU EPT, and the Kwikwetlem First Nation, a Cultural Heritage Training Workshop has been organized for all University employees related to this research, including members of the ORS, AGC, EPT program, and Biology program. This workshop is scheduled for September 22nd, 2023, and its purpose is to provide cultural heritage and territory awareness training to all University employees involved in research, particularly related to the partnership with the Kwikwetlem First Nation. The training ensures that Indigenous partnerships are well-supported by Indigenous Cultural Training.
- **CITI (Collaborative Institutional Training Initiative) program Canada courses roll out:** CITI program courses will be rolled out for the KPU faculty, researchers, and research students in a couple months. The goal of the courses is to facilitate awareness and promote research culture at KPU. These non-credit courses address student training and employee professional development and are already being offered at several research institutions in North America.
- Research Showcase (to be discussed at the SSCR meeting)

New Programs

- KPU Research Chair program launched
- Komplement program launched

FROM THE RESEARCH ETHICS BOARD

Staff Update & New Guideline

- Adam Cullum has left KPU, his position on the REB is vacant and currently advertised for replacement.
- The REB released a [new guideline and ethics application form for student course-based-research](#)

FROM THE ANIMAL CARE COMMITTEE

ACC Site Visit

The annual ACC site visits will take place on November 7th, 2023 at both the Surrey Fish Facility and the Cloverdale Farrier Science Facility. The next ACC meeting will follow on December 7th, 2023. In addition, the Canadian Council on Animal Care (CCAC) will be performing its first assessment visit at KPU on November 29th and 30th, 2023. This visit marks a significant milestone in KPU's pursuit of attaining Good Animal Practice (GAP) Certification from the CCAC, which demonstrates that KPU participates fully in the CCAC programs and adheres to its internationally recognized standards of animal care and use in research and teaching, a requirement of the Tri-Agency Framework: Responsible Conduct of Research and the Agreement on the Administration of Agency Grants and Awards by Research Institutions.

FROM KPU'S RESEARCH LABORATORIES, CENTRES, AND INSTITUTES

APPLIED GENOMICS CENTRE – AGC Presentation & Opening

- May 16 – Paul Adams hosted an AGC presentation and Lab tour for the KPU Biology Department.
- May 25 – Ribbon Cutting ceremony – Official opening of the AGC. Industry and government officials were in attendance, including:
 - Andrew Mercier, B.C. Minister of State for Workforce Development,
 - Sukh Dhaliwal, MP for Surrey-Newton, and
 - Brenda Bailey, Minister of Jobs

This event was featured in this Surrey Now-Leader news article:

[Study of heat-resistant cows and more at KPU's newly expanded Applied Genomics Centre in Surrey - Surrey Now-Leader \(surreynowleader.com\)](#)

- Jul. 6 and 7 – Meeting/workshop for international hop-producing industry partners and KPU AGC staff
- Jul. 18 – AGC tours with guests from Kazakhstan

APPLIED GENOMICS CENTRE – KPU Legacy Gala & Seminar

- Apr. 29 – AGC industry partners attended the KPU Legacy Gala.

- May 17 - Paul Adams presented a seminar; *The development of diagnostic tests for plant parasitic nematodes*, at the BC Ministry of Agriculture.

APPLIED GENOMICS CENTRE – Funding Advancements

Norgen + Illumina Sequence to Discover Research Grant - Lyndsey Baillie, Laboratory and Research Coordinator of the Applied Genomics Centre, is the proud recipient of this \$20,000 grant. The funding aims to support Canadian researchers in expanding their projects and contributing to the scientific community. The AGC was eligible for the grant because it utilizes Next Generation Sequencing.

Genomic Innovation for Regenerative Agriculture, Food and Fisheries (GIRAFF) – Dr. Mathias Schuetz, Faculty, Biology, and Dr. Paul Adams, Director of KPU’s Applied Genomics Centre, were awarded funds (\$250,000) from a Genome BC grant for a project entitled: Developing disease resistant and climate change resilient hop varieties to re-establish BC as a global hop production center. The anticipated project start-end dates are January 1, 2023, to June 30, 2024. By developing and employing a new custom Illumina SNP Beadchip, the project supports BC agriculture by identifying new hop cultivars, supporting rapid hop varietal development, and improving the quality and rate of new varieties available to market in BC, and Canada.

BC Ministry of Agriculture and Food – The AGC received funds (\$20,000) to extend a research project entitled: Development of a qPCR-based rapid diagnostic test for plant parasitic nematodes. The new agreement runs from June 14, 2023, to December 31, 2023. The project will finalize the development of a new qPCR test for high-resolution detection of several key nematode species relevant to BC Agriculture. In the fall of 2023, the new technology developed in the AGC will be transferred to the Abbotsford Agriculture Centre, BC Ministry of Agriculture Plant, to be deployed in the plant pathology lab and made available for diagnostic services for BC farmers.

APPLIED GENOMICS CENTRE – Hops Breeding Project: Vancouver Sun

- July 31 – Dr. Mathias Schuetz, KPU biology faculty working on the hops breeding project, was featured in a Vancouver Sun article:
<https://vancouversun.com/business/local-business/bc-hops-growers-use-genomics-in-hunt-for-new-varieties>

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – Event Updates

- The Honorable Carla Qualtrough, Member of Parliament for Delta, and Minister of Sport and Physical Activity, visited the Tsawwassen Farm School for a meeting with the youth hired under the Canada Summer Job Program on Aug 15, 2023.
- Polasub, W. (Aug. 24, 2023) Research presentation event, “Newcomers and local food systems: Experiences and engagements”. KPU Richmond.
- ISFS delivered a Canning Workshop on water bathing canning pickles methods to 15 indigenous participants in the Tsawwassen First Nation on Sep 7



INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – Staffing Updates

- Maayan Kreitzman, Research and Extension Associate, Organic Regenerative Agriculture, was on board on July 24.
- Benjamin Alles, Farm Schools Coordinator, was on board on Sep 7.

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – Presentation & Community Updates

- Polasub, W. (Jul. 18, 2023) Presentation titled “*International post-secondary students and food insecurity: A literature review*”. Presentation to the AMSSA Community of Practice on support for international post-secondary students.
- Polasub, W. (Jul. 20, 2023) Presentation titled “*Newcomers, local food systems and barriers to food security*”. Presentation to the United Way British Columbia’s Regional Community Food Hubs Community of Practice.
- K. Tatebe & N. Robert. (Jul. 26, 2023) “*Planning for Sustainable Food Systems in Canada: Findings from a survey of Canadian professional planners.*” Invited speaker at Plan Canada Webinar – “Planning for Food Systems – Where are our priorities and how do we provide?”
- Link to recording: [Plan Canada Webinar Series: Food – Where Are Our Priorities and How Do We Provide? on Vimeo](#)

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – Funding Updates

- SSHRC Canadian Graduate Studies Doctoral Award, \$35,000 for 3 years. Awarded to Naomi Robert for completion of doctoral studies (at SFU). Project: Beyond GDP: Toward a well-being economy for the Canadian agriculture and food system.
- \$10,000 from Endswell Foundation. Conduct a literature meta-analysis about outcomes and agroecological attributes of organic agriculture. K. Mullinix, Principle Investigator.

INSTITUTE FOR SUSTAINABLE FOOD SYSTEMS – What Needs to Be Done?

- Wallapak Polasub, Beth Clark, Emily Burkholder, and Anastasia Gaisenok. “*Newcomers' Unique Experience With Food Insecurity: What Needs To Be Done?*” Plan Canada, ÉTÉ 2023, VOLUME 63, NO. 2, Alimentation

INSTITUTE FOR SUSTAINABLE HORTICULTURE

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: 7.1

Meeting Date: September 26, 2023

Presenter(s): Amit Shukla

AGENDA TITLE: KPU RESEARCH SHOWCASE 2024

ACTION REQUESTED: Discussion

RECOMMENDED RESOLUTION

Context and Background

The Office of AVP Research and Innovation (AVPRI) is planning KPU Research Showcase 2024 on Tuesday March 19, 2024 at Surrey Campus. This event is aimed to showcase all applied research and innovation activities happening at KPU and will seek to engage all faculty, students and staff.

Key Messages

The last event showcasing applied research at KPU was organized in April 2019 in collaboration with Teaching and Learning. Since then, a number of changes and developments have happened within the AVPRI portfolio and there has been an increase in applied research activity at KPU.

For this event, we are looking for feedback from the SSCR members on the following:

- Suggestions for a theme and for keynote speaker
- Topics for different sessions – presentations, posters and/or booths
- Assistance with promotion of the event across the campus

Attachments

1. No attachments

Submitted by

Amit Shukla, Director, Research, Innovation, Scholarship, and Entrepreneurship Services

Date submitted

September 12, 2023