

Cyclical Program Review of Pathology and Cancer Research

2021-2020 CPR Bridging Report

Date: December 13, 2021

In light of the COVID-19 pandemic and the subsequent delays to the cyclical program review (CPR) process, programs are being asked to provide an update on the final assessment report and implementation plan of their previous CPR cycle.

The plan and one year progress report below was agreed to by the Vice Provost (Teaching and Learning), Dean, Faculty of Health Sciences, and the Vice-Provost and Dean, School of Graduate Studies in 2015. The Deans are responsible for monitoring the implementation plan.

Please complete the table below to report on any progress made. Add further explanation if necessary in the *additional notes* section. The table is to be completed by the relevant deans/associate deans.

Please complete this report and return it to gugap@queensu.ca by January 31, 2022. The Associate Vice-Principal (Teaching and Learning) will review this progress report. It will then be appended to the Dean's annual report for the 21-22 academic year, the program's delayed 2021-22 CPR, and filed in the Office of the Provost and Vice-Principal (Academic). Please note that monitoring reports will be posted on the university website.

Final Assessment Report and Implementation Plan				One Year Follow-up	Bridge to Next CPR
Recommendation	Proposed Follow-up	Responsibility for Leading Follow-up	Timeline for Addressing Recommendation	Please indicate whether the implementation is on target and on time, and provide a brief description	Please indicate whether the implementation is on target and on time, and provide a brief description
To improve the student learning experience, the Department of Pathology and Molecular Medicine and the Collaborative Program in Cancer Research should engage the Centre for Teaching and Learning to assist with the integration of degree level expectations and learning outcomes into program development across all programs.	A curriculum mapping of all courses to DLEs, LOs and other indicators of achievement	Head, Department of Pathology and Molecular Medicine and the Director of Collaborative Graduate Program in Cancer Research	Dean of health sciences' <i>annual report</i> to the provost 2016	DLEs and LOs were initially generated with feedback from the Associate Dean SGS. They were further refined during the Self-Study period and aligned with existing program composition and courses. The Graduate Program Committee has reviewed the document since the Cyclic Program Review process and is confident that the current course work and program content maps well with these DLEs and LOs, and that the indicators of achievement effectively capture trainee performance and progress through the program. The document will be reviewed annually, and adjustments made as appropriate. The implementation of two new programs (MSc in Clinical Laboratory Science and Combined BSc-MSc) in the near future will involve expansion of this document to include these new programs.	<p>Planning for the Professional Master's in Clinical Laboratory Science program is ongoing with the ultimate goal of a graduate program that offers a professional Master's degree. Achieving this will require accreditation from external agencies, the details of which are still being determined. DLEs and LOs will need to be developed as the program structure is finalized. They will be modeled on those for the MSc program but will need to have additional expectations appropriate for the professional degree.</p> <p>The combined BSc-MSc program had its first graduate in 2018. It has grown to the point of having 10 new applicants in 2022. While the requirements of this program are the same as the MSc, we are in the process of reviewing our DLEs and LOs during the current CPR to determine if some refinements are needed. This will involve consultation with alumni of the program, their supervisors, the Graduate Program Committee and the Centre for Teaching and Learning.</p>
As they consider new additions to programs, the Department of Pathology and Molecular Medicine and the Collaborative Program in Cancer Research should explore more fully	Initiate meeting with relevant Associate Dean (SGS) and Graduate Program Committee (GPC)	Head, Department of Pathology and Molecular Medicine, the Director of the Collaborative Graduate Program in	Dean of health sciences' <i>annual report</i> to the provost 2016	The Collaborative Graduate Program in Cancer Research is by definition an interdisciplinary program, spanning as it does the Departments of Pathology and Molecular Medicine, Biomedical and Molecular Sciences and Public Health Sciences. The Program includes	This issue of expanding interdisciplinary and institutional partnerships at Queen's and beyond was addressed extensively as summarized in the one-year follow-up of the last CPR. Since then, both programs continue to expand their interdisciplinary and intra- and

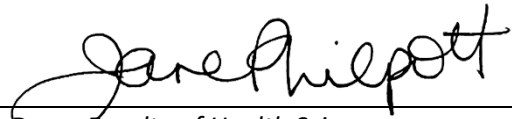
<p>interdisciplinary and institutional partnerships at Queen's and beyond.</p>		<p>Cancer Research and relevant associate dean in SGS</p>		<p>students from each of the contributing departments. Many of the students in the Program are undertaking transdisciplinary projects in cancer research, which require participation of mentors from distinct disciplines to contribute to their graduate research. Thus, both the program and each individual trainee demonstrate transdisciplinarity. Both the Department of Pathology and Molecular Medicine and the Collaborative Cancer Research Graduate Programs, with their translational perspectives and focus on disease mechanisms, can draw on the expertise in these areas outside of Queen's. The Mentors and supervisors for students in these Programs are drawn from Queen's faculty, but also include Clinical Faculty from Kingston General Hospital and Kingston Regional Cancer Centre. Students involved in translational projects also benefit from mentors outside of the immediate area and collaborative projects involving faculty and experts at Canadian and International sites, contribute to supervisory committees and provide material input to our trainees' degree experiences. Looking forward, the Department of Pathology and Molecular Medicine is developing a Professional Master's in Clinical Laboratory Science program. GSEC approved the pre-approval proposal in November 2015. A needs survey is currently being implemented and will be circulated to the program's target audience in May 2016. We anticipate the full proposal will go before GSEC in September 2016. This new program will provide further formal links with DBMS and the Queen's Smith School of Business, as</p>	<p>inter-institutional partnerships. This has been facilitated by a growing number of local, provincial, national, and international collaborative research interactions involving trainees within both programs and by recruitment of new faculty with appointments and expertise within other areas of strength within the University (eg. School of Computing. Human Mobility Research Centre etc). These interactions and their impact on graduate student training experiences will be described in detail the current CPR. Briefly, these have included addition to the Collaborative Program in Cancer Research of the recently developed Department of Translational Medicine. This has expanded the number of training opportunities for graduate students with local clinician-scientists. There are also ongoing discussions with the Centre for Neurosciences Studies to join the Collaborative Program in Cancer Research.</p> <p>Funding from agencies including the Ontario Institute for Cancer Research and expanding research interactions with this provincial agency and researchers supported by it have provided new training experiences for graduate students and post-doctoral fellows, as well as career development opportunities. MITACS has also provided funding to support trainees engaged in partnerships with Canadian industry, government and academia.</p> <p>Expansion of research interactions between investigators in Departments of Pathology and Molecular Medicine, Biomedical and Molecular Sciences, Public Health Sciences and</p>
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Additional Comments:

Please note any additional issues affecting progress.

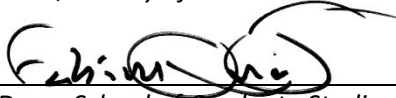
Signatures:



Dean, Faculty of Health Sciences

May 31, 2021

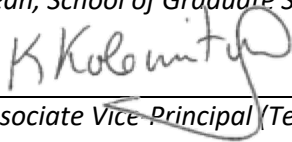
Date



Dean, School of Graduate Studies (if applicable)

June 02, 2022

Date



Associate Vice-Principal (Teaching and Learning)

June 18, 2022

Date

Approved by the Senate Cyclical Program Review Committee:

Date