



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

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8 March 2013

From: Senate Academic Policy Committee

To: Senate

RE: The transfer of graduate programs from the College for Interdisciplinary Studies to Faculties, and the closure of the College

Motion:

The Senate Academic Policy Committee recommends the following:

“That Senate approve and recommend to the Board of Governors the following effective September 1, 2013:

- 1. That administration of the Bioinformatics Graduate Program be transferred from the College of Interdisciplinary Studies to the Faculty of Science*
- 2. That administration of the Cell and Developmental Biology Graduate Program be transferred from the College of Interdisciplinary Studies to the Faculty of Medicine*
- 3. That administration of the Genetics Graduate Program be transferred from the College of Interdisciplinary Studies to the Faculty of Medicine*
- 4. That administration of the Genome Science and Technology Program be transferred from the College of Interdisciplinary Studies to the Faculty of Science*
- 5. That administration of the Interdisciplinary Oncology Graduate Program be transferred from the College of Interdisciplinary Studies to the Faculty of Medicine*
- 6. That administration of the Neuroscience Graduate Program be transferred from the College of Interdisciplinary Studies to the Faculty of Medicine; and,*
- 7. That administration of the Master Software Systems Program be transferred from the College of Interdisciplinary Studies to the Faculty of Applied Science*

and,

That the College for Interdisciplinary Studies be disestablished effective October 01, 2013”

Background:

The College for Interdisciplinary Studies (CfIS) was established by Senate in 2006. Senate mandated an external review of CfIS that was completed in December 2010. After extensive consultation the Provost decided to change the structure and mandate of CfIS. On February 15, 2012, the Senate approved these changes. The new mandate of CfIS was to encourage, enable, and support interdisciplinarity campus-wide in collaboration with Faculties, but not to contain units holding faculty appointments. This motion, and subsequent motions dated March 14, 2012 and May 16, 2012 transferred 11 CfIS units to Faculties. CfIS continued to hold interdisciplinary graduate programs.

The transfer of CfIS research units to Faculties has been very successful. Faculties benefit from the additional teaching and research opportunities provided by the presence of embedded interdisciplinary research units. In Faculties, the former CfIS units retain autonomy, and are better integrated with interdisciplinary units within and among Faculties. The units benefit from the wider and deeper administrative and operations support in Faculties. After extensive consultation, it was agreed that the interdisciplinary graduate programs in CfIS should also be transferred to Faculties as a way to better support graduate students.

Following the successful transfer of these programs to Faculties, there is no strong rationale for the continued existence of CfIS. The Provost has appointed an Associate-Provost Academic Innovation, whose joint roles are to support interdisciplinary units campus-wide including the graduate Colleges (Green and St. John's), and to take innovative academic projects from vision to implementation.

In response to the external reviews of CfIS and Faculty of Graduate Studies, and the consultations that followed with the Deans of Applied Science, Arts, Medicine, and Science, the Committee concurs with the Provost's recommendations that graduate programs be transferred to Faculties and CfIS closed.

We acknowledge that the closure of CfIS has implications for the composition of the Senate in that currently, the Principal, two faculty representatives and one student from CfIS are represented. Furthermore, when the CfIS representatives were added to the Senate, additional seats were added for convocation Senators were added to balance the Senate constituencies. The Senate Nominating Committee is aware of these issues and will be considering any requisite changes the composition of Senate prior to the close of this triennium.

Attached please find the following documents in support of this proposal:

Appendix A	Proposal to close the College for Interdisciplinary Studies
Appendix B	Review of the Consultative Process
Appendix C	Proposal to transfer administrative oversight of the Bioinformatics Graduate Program to the Faculty of Science
Appendix D	Proposal to transfer administrative oversight of the Cell and Developmental Biology Graduate Program to the Faculty of Medicine
Appendix E	Proposal to transfer administrative oversight of the Genetics Graduate Program to the Faculty of Medicine
Appendix F	Proposal to transfer administrative oversight of the Genome Sciences and Technology Graduate Program to the Faculty of Science
Appendix G	Proposal to transfer administrative oversight of the Interdisciplinary Oncology Program to the Faculty of Medicine
Appendix H	Proposal to transfer administrative oversight of the Neuroscience Graduate Program to the Faculty of Medicine
Appendix I	Proposal to transfer administrative oversight of the Master of Software Systems Program to the Faculty of Applied Science

Appendix A:

Proposal to transfer graduate programs to Faculties and to close the College for Interdisciplinary Studies (CfIS)

Executive Summary

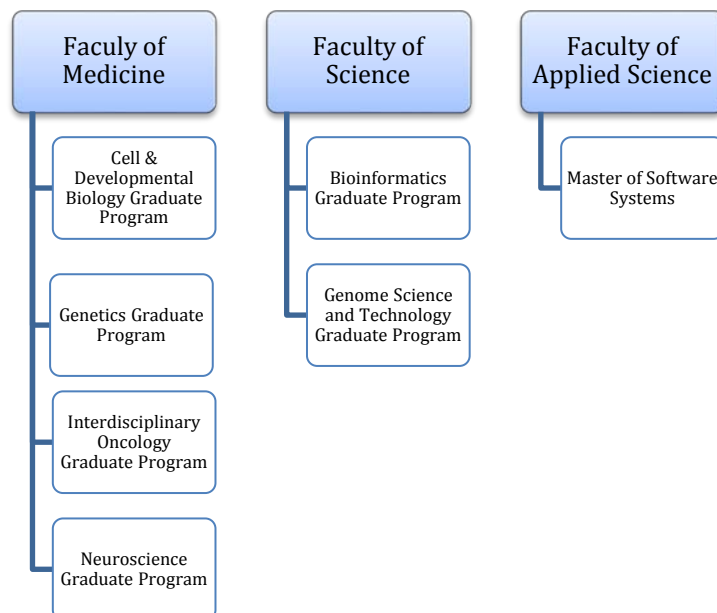
In the spring of 2012, Senate approved changes to the mandate and structure of CfIS, including the transfer of 11 research units to Faculties. The transfers were complete by July 1, 2012. These transfers have benefitted both the units and receiving Faculties. Following the transfer of research units, CfIS had two remaining mandates: 1) to serve as an administrative home for several interdisciplinary graduate programs that were not attached to a specific department; and 2) campus-wide support of interdisciplinary initiatives.

Seven graduate programs remained in CfIS (Bioinformatics, Cell and Developmental Biology, Genetics, Genome Sciences and Technology, Interdisciplinary Oncology, Neuroscience, and Software Systems). The Provost asked the Principal of CfIS to consider whether the independent graduate programs could be transferred to new administrative homes. Discussions ensued with students, graduate program directors, and Deans. There was general support for transferring CfIS graduate programs to Faculties with strong academic and research ties to the individual graduate programs.

The Provost, in consultation with Deans, has explored how best to support interdisciplinarity at UBC going forward. On July 1, 2012, the Principal of CfIS, Hugh Brock, took on the additional role, of Associate-Provost Academic Innovation. Dr. Brock is responsible for supporting existing interdisciplinary units and initiatives at UBC, and for the implementation of high priority interdisciplinary ideas that have broad support at UBC.

We propose transferring administrative oversight of the graduate programs from CfIS to the allied Faculties effective September 1, 2013. We also propose that CfIS be closed, its roles in supporting interdisciplinarity be assumed by the Associate-Provost Academic Innovation, and the position of Principal of CfIS be terminated effective October 1, 2013.

Proposed Transfers of Administrative Responsibility of CfIS Graduate Programs



Rationale

1. Benefits to the University

The University is committed to supporting interdisciplinary approaches across UBC Vancouver to achieve its goal of being a global leader in interdisciplinary research and learning. Interdisciplinary research grapples with complex issues, makes new connections, and solves important societal problems that affect local, national, and international communities that lie at the core of the commitments in *Place and Promise*, including student learning, research excellence, and community and international engagement.

The Provost and Deans recognize the benefits that have accrued to the research units formerly in CfIS following transfer of the units to the Faculties. The former CfIS units receive better administrative and operations support, are not separated from interdisciplinary initiatives within Faculties, and have higher visibility inside and outside the university. Interdisciplinary research is inherently engaged with the community, is team-based and collaborative, and deals with important problems, and thus augments the existing strength of Faculties.

Building on these positive steps, it is reasonable to transfer CfIS graduate programs to Faculties so that they can receive similar benefits. Decisions on which Faculty represented the best home for each program were discussed by Deans and Directors and were based on recognition of existing relationships between the programs, and Faculties.

Closure of CfIS recognizes the role of Faculties in supporting innovation and interdisciplinarity at UBC, and addresses the perception that Faculties are not innovative. Moving support and oversight for interdisciplinarity from the College to the Provost's Office

provides more effective, unified, practical and visible ways to implement innovative ideas at the University. Placing responsibility for interdisciplinarity and innovation in the Provost's Office allows full-time support and consistent, unified coordination of university initiatives in partnership with the Faculties. The University will be better positioned to support interdisciplinary teaching and research, and increase opportunities and connections across campus, and with the community. Thus, closure of CfIS will increase UBC's current strength in interdisciplinarity and innovation.

2. Benefits to Students

The Faculties of Science, Medicine and Applied Science all have an Associate Dean responsible for Graduate Studies who looks after interests of graduate students, compliance with internal and external policies, how to improve the student experience, and provide support and training for graduate assistants and teaching assistants. Students will benefit from this additional level of support.

The Faculty of Graduate Studies provides academic oversight of graduate programs. Thus the graduate program name, awarding faculty, and program requirements are unchanged.

The path via which students resolve general issues remains essentially unchanged as well except that the Principal's Office in CfIS is replaced by the Dean's Office in the new Faculty home.

The pathway for resolution of general student issues remains unchanged:



For Grade Appeals, the pathway for resolution of grades issues remains unchanged:



Similarly, the pathway for both Category 1 and Category 2 curriculum changes remains the same except that the CfIS Curriculum Committee is replaced by the Curriculum Committee in the new Faculty home.

The pathway for Category 1 curriculum changes:



The pathway for Category 2 curriculum changes:



Ongoing funding will be transferred from CfIS to the Faculties to ensure the continuation of graduate program assistant positions, student activities and teaching assistantships. In addition to the resources transferred with the graduate program, for students there will be increased opportunities for teaching assistantships, financial support administered by the Faculty. Graduate students in former CfIS programs, and currently in the Faculties will gain from the increasing focus on interdisciplinary approaches to learning that will increase research and funding opportunities for students. Graduate students from interdisciplinary graduate programs can provide a wealth of opportunities for undergraduate students to experience interdisciplinary studies, and gain access to community service learning.

The CfIS Graduate Student Association (GSA) is an active student association that has made great strides in enhancing the experience of interdisciplinary students. The GSA advocates on behalf of interdisciplinary graduate students to the greater UBC community and facilitating matching of students who wish teaching assistantships with opportunities. The GSA is a voice for interdisciplinary graduate students in Senate and publishes a high-quality student-run interdisciplinary journal. The CfIS GSA is proactively exploring options for extending their ability to support all interdisciplinary students on campus. The most likely outcome is that the CfIS GSA will form an Interdisciplinary GSA as a subsidiary the Graduate Student Society.

3. Strategic Opportunities

The Associate-Provost Academic Innovation will provide effective, practical academic leadership, and will support and coordinate implementation of high priority academic projects at UBC, to enhance the University's reputation for innovation and interdisciplinarity. The Associate-Provost Academic Innovation will play a key role in consulting with the University community, discovering the issues, and building consensus for effective solutions. The University has no effective mechanism for supporting new academic ideas that arise from individuals or small groups. Having a single point of contact, and a strategy to support startup innovation projects will increase the University's ability to innovate.

4. Resource management and efficiency

The Provost's office has highly skilled staff that will support all aspects of the role of the Associate-Provost Academic Innovation. The Associate-Provost can draw on resources found in all university offices, and can liaise with the Strategic Decision Support team which will increase the operational effectiveness of this position relative to the Principal of CfIS.

Physical context

With the closure of CfIS, and migration of the Office of the Associate-Provost Academic Innovation to the Provost's Office in Koerner, there will be space freed in the C.K. Choi building for others to use.

Appendix B:

Review of Consultative Process

The proposals under consideration transfer the administrative homes of graduate programs currently administered by CfIS to Faculties. In every case, students and program directors were consulted. There were several meetings and many e-mail exchanges with the Deans of possible receiving Faculties and Directors of potential receiving interdisciplinary units. Details of these follow.

Consultations with Students:

CfIS has an active and engaged Graduate Student Association (CfIS GSA) that served as an effective way to begin the student consultations. In Summer 2012, the Principal of CfIS advised the CfIS GSA Executive that moving the administration of the graduate programs to Faculties and closing CfIS would be under consideration in the coming months and asked for their input. The Principal first met with the CfIS GSA President in mid August and then broadened outreach to the student representatives of each CfIS graduate program, UBC Graduate Student Society (GSS) and the Alma Mater Society (AMS). Several productive and collegial meetings with these parties followed in the early fall. Throughout the process, the Principal kept students informed and sought their input, including sending multiple updates via e-mail; submitting a message to the CfIS GSA newsletter; and broadly distributed a question and answer memo addressing questions and concerns received from students. Further discussion of the transfer occurred at a forum of CfIS Directors and students in November 2012. In addition, Directors of graduate programs held town hall meetings with their students.

The students support a move of their programs to Faculties. The potential expanded opportunity for networks and collaborations along with greater access to teaching assistantships and other forms of financial support were widely appealing. The students voiced a wish to ensure that the advancements made by the CfIS Graduate Student Association were not diminished. Specifically, they wish to see the student-run journal they established continue.

Student consultations included the following specific events:

Individual/Group	Date	Form of Communication
GSA Executive	03-Aug-12	Memo
GSA President	16-Aug-12	Meeting: Hugh Brock, Alison Stuart-Crump & Chris Roach
GSS President, AMS President and Executive, Student Representatives from all CfIS Graduate Programs	30-Aug-12	Email with detailed information about possible changes and seeking input
Neuroscience Student Association	11-Sep-12	Meeting with Principal of CfIS
All Students	11-Sep-12	GSA electronic newsletter with updates
AMS, VP Students	12-Sep-12	Meeting with Principal of CfIS
GSS Executive	18-Sep-12	Meeting with Principal of CfIS

Individual/Group	Date	Form of Communication
GSA President	24-Sep-12	Email exchange
IOP Students	27-Sep-12	Meeting with Principal of CfIS
All Students	6-Nov-12	Email: memo on frequently asked questions and answers received from students
Graduate Program Directors and Student Representatives	8-Nov-12	Meeting: Open forum to discuss any concerns or questions
GSA President	10-Dec-12	Email exchange
GSA President	11-Dec-12	Email exchange
GSA President	21-Dec-12	Email exchange
MSS Students	21-Dec-12	Email from CfIS Principal and Director of MSS Program

Consultations with Deans, Program Directors, and Directors of the MSL, LSI, BRC, and BCCA

From the start of this process in July of 2012, the Principal and Program Directors communicated frequently. In early August, the Principal began meeting individually with the program directors of the following programs: Cell & Developmental Biology, Neuroscience, and Interdisciplinary Oncology. Where travel and other commitments made meetings with other Directors less feasible, conversations regularly took place by phone and e-mail during the period July 9, 2012 to February 6, 2013.

The Principal and Program Directors very carefully considered potential new homes for their programs and actively participated in discussions with CfIS, as well as Deans and others. In the late fall, Program Directors and students met in a town-hall meeting with the Principal of CfIS to jointly discuss transitions.

When considering potential new administrative homes, it made sense to consider the interdisciplinary centres or institutes most closely aligned with the program. Accordingly, the Directors of the Michael Smith Laboratories (MSL), the Life Sciences Institute (LSI), and the Brain Research Centre (BRC) were invited into the conversations early on and have been active and collaborative participants throughout the process. Several of the programs have very strong ties with the BC Cancer Agency, whose Vice-President Research has been involved in discussions from August onward.

The Deans of the receiving Faculties have also been engaged, helpful partners from the beginning of the process to identify the optimal administrative placement of the graduate programs. The Deans engaged in multiple discussions between the Principal, Program Directors, and the Directors of the MSL, LSI, BRC, and BCCA to facilitate agreement.

A recurring theme of all discussions was that wherever the programs were eventually situated, the strong and beneficial connections among these programs and between the programs and other interdisciplinary units should be maintained and enhanced. The proposed placement of these programs respects that shared goal.

Consultations included the following specific events:

Individual/Group	Date	Form of Communication
CFIS Graduate Program Directors	09-Jul-12	Email
Deans	09-Jul-12 & 24-Jul-12	Emails
Michael Smith Lab Director and Life Science Institute Directors	26-Jul-12	Email
Genome Science and Technology Graduate Program Directors	31-Jul-12	Phone conversation with Principal of CfIS
Michael Smith Labs Director	02-Aug-12	Meeting with Principal of CfIS
Cellular and Developmental Biology Graduate Program Director	02-Aug-12	Meeting with Principal of CfIS
Neuroscience Graduate Program Director	02-Aug-12	Meeting with Principal of CfIS
Life Science Institute Directors	03-Aug-12	Meeting with Principal of CfIS
Oncology Graduate Program Director	13-Aug-12	Meeting with Principal of CfIS
Dean of Faculty of Graduate Studies	15-Aug-12	Meeting with Principal of CfIS
Neuroscience Graduate Program Director and Director of Brain Research Centre	29-Aug-12	Meeting with Principal of CfIS
Dean of Medicine and Director of BCCA	29-Aug-12	Meeting with Principal of CfIS
Bioinformatics Graduate Program Director	19-Sept-12	Phone conversation with Principal of CfIS
Deans of Medicine, Science, and Graduate Studies; Associate Dean Graduate Education and Associate Dean Research (Medicine); Director, LSI; Head, Cellular and Physiological Sciences	02-Nov-12	Meeting with Principal of CfIS
Director of BCCA	05-Nov-12	Phone conversation with Principal of CfIS
Graduate Program Directors and Student Representatives	08-Nov-12	Meeting: Open forum to discuss any concerns or questions
CELL, GSAT & BIOF Graduate Program Directors	20-Nov-12	Email to each Directors
CfIS Directors	05-Dec-12	Email
Dean of Medicine and Science	07-Dec-12 & 10-Dec-12	Emails
CfIS Directors	11-Dec-12	Email
Neuroscience Graduate Program Director	14-Dec-12	Meeting with Principal of CfIS
Dean of Medicine, Director of BCCA	21-Jan-13	Meeting with Principal of CfIS and Denise Lauritano
Deans of Medicine & Science, Director of BCCA	29-Jan-13	Email
Sam Abraham	05-Feb-13	Meeting with Principal of CfIS

Appendix C

Proposal to transfer administrative oversight of the Bioinformatics Graduate Program to the Faculty of Science

Executive Summary

Bioinformatics Graduate Program (BIOF)

This interdisciplinary graduate program combines training in both biological and computational sciences with the objective of integrating bioinformatics with basic biology and health care.

The Faculty of Science oversees many interdisciplinary units on behalf of UBC, including the interdisciplinary Michael Smith Laboratories (MSL) and the Centre for High-Throughput Biology (CHiBi). The Bioinformatics program has significant ties to both the MSL and CHiBi as these units have many faculty members who teach and supervise students in the Bioinformatics graduate program. The Program also has strong links to Science's biological science departments (Botany, Microbiology & Immunology, Zoology) and the departments of Computer Science and Statistics.

We propose the following, effective September 01, 2013:

- Administrative oversight of the graduate program be transferred from CfIS to the Faculty of Science;
- All existing resources, including budget and staff and student appointments, be transferred with the program;
- The name of the program will remain unchanged and BIOF will remain autonomous with its own Director.

All elements are described below.

Rationale

1. The Faculty of Science is the natural fit for the BIOF program

The majority of faculty and students in the BIOF program are members of the MSL or CHiBi, and the departments of Computer Science and Statistics. The MSL focuses on molecular genetics, genomics and evolution, bioengineering. CHiBi combines investigators studying molecular biology, genomics, proteomics, and bioinformatics. Given the complementarity of research foci between BIOF, MSL and CHiBi, transferring the administrative oversight of the BIOF program to the Faculty of Science will be beneficial for all.

2. Benefits to the academic mission and organization of the BIOF program

Connections already exist between BIOF and the Faculty of Science, e.g. a number of faculty have affiliations with the Faculty of Science through their home departments and also through the MSL and CHiBi. This transfer will strengthen these relationships and provide both faculty members and students greater cross-disciplinary opportunities. The Faculty of Science has demonstrated exemplary leadership in stewarding interdisciplinary entities.

3. Benefits to the academic mission and organization of the Faculty of Science

BIOF is a growing graduate program and attracts high-quality students. Students share a common interest in the research of bioinformatics and bring with them experience, knowledge and skills from diverse backgrounds. Faculty members come from across the Faculties of Science, Medicine, Applied Science, and Land & Food Systems with established external relationships. The BIOF will strengthen external links to the Genome Sciences Centre at the BC Cancer Research Agency, and the Genome Science and Technology Graduate Program (GSAT).

4. Benefits to student and teaching experience

Faculty members in BIOF teach students from many other programs. Their students take courses and work with supervisors across UBC, many of who are associated with the Faculty of Science. Students will also have more opportunities to obtain teaching assistantships as they will be eligible to apply for positions in the Faculty pool.

5. Strategic Opportunities

Transferring BIOF to the Faculty of Science provides the opportunity to become a world leader in bioinformatics and computational biology, and further strengthen the departments of Botany, Computer Science, Microbiology and Immunology, Statistics, and Zoology by building on the beneficial relationship already established. With its strong linkages to the MSL and CHiBi, among others, we expect the BIOF program to continue to thrive in a new administrative home in the Faculty of Science.

Physical Context

BIOF is housed in the BC Cancer Agency at 100-570 West 7th Avenue, Vancouver and will remain there.

Appendix D

Proposal to transfer administrative oversight of the Cell and Developmental Biology Graduate Program to the Faculty of Medicine

Executive Summary

The Cell and Developmental Biology Graduate Program

The Cell and Developmental Biology Graduate Program (CELL) offers opportunities for advanced study and research in cell and developmental biology. The Program provides graduate students from diverse backgrounds with a critical understanding of the concepts, scientific fundamentals, and methodologies central to cell and developmental biology and provides opportunities for intensive training in specialized aspects of cell and developmental biology through thesis research.

The Faculty of Medicine is a natural fit for the CELL program as the faculty is already home to 19 departments, 2 schools, 6 research institutes, and 13 research centres. Among these research institutes is the Life Sciences Institute (LSI), a UBC Senate-recognized interdisciplinary Institute, which is jointly governed by both the Deans of Medicine and Science.

We propose the following, effective September 01, 2013:

- Administrative oversight of the graduate program be transferred from CfIS to the Faculty of Medicine;
- All existing resources, including budget, staff and student appointments, be transferred with the program;
- The name of the program will remain unchanged and CELL will remain autonomous with its own Director.

All elements are described below.

Rationale

1. The Faculty of Medicine is the natural fit for the CELL Program

Transferring the CELL program to the Faculty of Medicine is the most appropriate fit as it will enable the CELL program, its faculty and its students to be better integrated with the other interdisciplinary units within the Faculty. Because the CELL program is already physically housed within the Life Sciences Centre (LSC), the program is already integrated within the LSI environment, which provides a vibrant academic home that clearly articulates with the goals and objectives of the CELL program.

2. Benefits to the academic mission and organization of CELL

CELL is an interdisciplinary graduate program, with course instructors spanning the Faculties of Medicine, Science, and Dentistry. The majority of CELL faculty have their labs in the LSI; CELL is the graduate program for students within The Department of Cellular and

Physiological Sciences; and CELL students already actively participate in the LSI Student Association.

3. Benefits to the academic mission and organization of the Faculty of Medicine

Students and faculty currently associated with the CELL program are already great contributors to, and beneficiaries of, the vibrant environment in the LSC. With the many collaborations and strong ties, the transfer of the administration of the CELL program to the Faculty of Medicine will formalize a mutually beneficial relationship that has been healthy and growing for some time.

4. Strategic Opportunities

The reputation of the CELL program is growing, and thus it provides an important way to build closer ties with departments in Medicine, in hospitals, and Health Authority research institutes. In turn, this will increase the opportunity for new research partnerships, which will improve training opportunities for students.

Physical Context

CELL is currently housed in the Life Sciences Centre at 2350 Health Sciences Mall and will remain there after the transfer.

Appendix E

Proposal to transfer administrative oversight of the Genetics Graduate Program to the Faculty of Medicine and to close the program once all students have graduated

Executive Summary

The Genetics Graduate Program

First offered in 1983, the Genetics Graduate Program (GGP) is an interfaculty and interdepartmental graduate program bringing together students and around 100 professors from the faculties of Medicine, Science, Forestry, and Land and Food Systems.

However, with the exceptions of medical and evolutionary genetics, genetics is no longer a field of study and has become a tool used by all life sciences. Enrollment in the GGP began dropping precipitously around 2006 falling from 22 new incoming students in 2005 to 6 new incoming students by 2008. The last year of intake of new students was 2008 at which time there were 75 students in the program (52 PhD and 23 Masters). As of January 2013, there are 13 students (12 PhD and 1 Masters). We expect the last student to graduate by November 2014. Accordingly, we propose the transfer administrative oversight of this program to the Faculty of Medicine and recommend that the Faculty close the GGP after the last student graduates.

The Faculty of Medicine is home to a range of departments, schools, research institutes, and research centres with genetics embedded within most disciplines.

We propose the following, effective September 01, 2013:

- Administrative oversight for the graduate program be transferred from CflS to the Faculty of Medicine;
- All existing resources be transferred with the program;
- The name of the program will remain unchanged and that the GGP will remain autonomous with its own Director;
- The program will be closed once the last student has graduated by a proposal from the Faculty of Medicine to the Senate Curriculum Committee.

All elements are described below.

Rationale for Transfer of Administrative Oversight to the Faculty of Medicine

1. The Faculty of Medicine is the natural fit for the GGP

The Faculty of Medicine is the most appropriate fit for the GGP as the majority of faculty members and students in the GGP are already active members of the various departments and research groups/centres within the Faculty of Medicine. Transferring administrative oversight to Medicine will continue these natural links.

2. Benefits to the academic mission and organization of the Genetics Graduate Program

GGP students will benefit from opportunities to interact and collaborate with a wider range of faculty and students. The disciplines within the Faculty of Medicine, notably Molecular Biology and Biochemistry, Cellular and Physiological Science, Medical Genetics, and Neurology overlap very significantly with those of GGP members.

3. Benefits to the academic mission and organization of the Faculty of Medicine

Students and faculty currently associated with the GGP have been great contributors at advancing interdisciplinarity and innovation at UBC.

4. Benefits to student and teaching experience

GGP students will benefit from the wide range of student activities and associations run through the Faculty of Medicine and the opportunities to network with faculty members and other students from across the University.

5. Strategic Opportunities

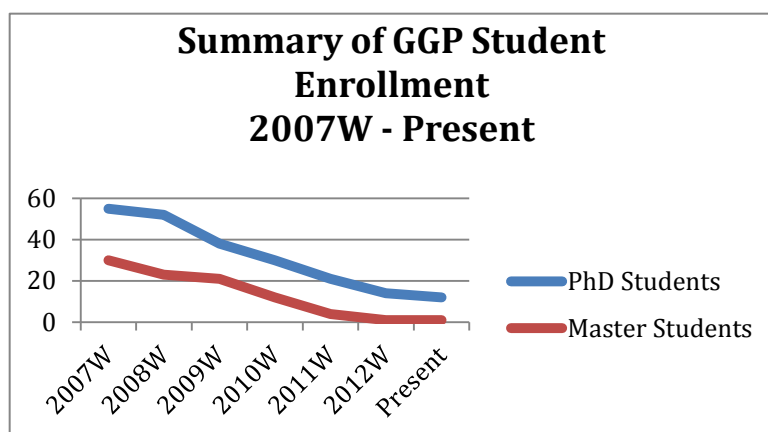
The associations established by GGP faculty members provide an important way to build closer ties with departments in Medicine, in hospitals, and with the Health Authorities.

Rationale for closing the GGP to further admissions in 2008

Genetics no longer exists as an academic discipline outside evolutionary and medical genetics. Most scientists use genetic tools (mutational analysis) to answer questions in their chosen discipline, the same way they use molecular biological, statistical, computation, or measurement tools. The former discipline of genetics has been subsumed by genome-wide studies, and by the increasing importance of epigenetics (environmental effects on gene regulation). There are very few Genetics departments remaining in North America, and none in Canada. There are very few Genetics departments remaining in North America, and none in Canada. Given that the field had changed, universities are closing Genetics department, and good students were no longer applying to the GGP, it was logical to close the GGP.

Rationale for closing the GGP when the last student(s) has completed all degree requirements

The GGP accepted its last intake of new students in 2008. At that time, there were 75 students in the GGP (52 PhD and 23 Masters). As of January 2013, there are 13 students (12 PhD and 1 Masters).



We expect the last student to graduate by November 2014.

Students with an interest in genetics wishing to pursue a graduate program find opportunities with the Genome Science and Technology Graduate Program and the Cell and Developmental Biology Program. These programs are truly interdisciplinary and offer students interested in genetics the opportunity to apply their experience and skills to boarder applications and fields and to affiliate with faculty and researchers with varied backgrounds and interests. Other genetics-related disciplines available to students include programs offered by Departments of Biochemistry and Molecular Biology, Botany, and Medical Genetics, Microbiology and Immunology, and Zoology. Therefore it is reasonable to propose closing the GGP when the last student completes all degree requirements.

Physical Context

The Genetics Graduate Program is currently housed in the CfIS Principal's Office located in the C.K. Choi Building at 1855 West Mall, but will transfer to the Life Science Centre after the transfer.

Review of Consultation Process regarding closing the GGP

In July 2008, the Director of the GGP consulted with the Principal of CfIS and Associate Principal of CFIS, who convened a meeting with the Directors of the Genetics, Oncology and Cell Biology and Development graduate programs. In addition, The Director of the GGP consulted with the Director of the Bioinformatics Graduate Program, the Director of the Genome Sciences Centre, and the Director of the Centre for High Throughput Biology (CHiBi). The Director of the GGP twice surveyed GGP faculty asking for opinions and comments, and 73% recommended closure of the GGP.

The Director of the GGP also emailed all GGP students to notify them that the GGP would be closing for admission. At that time, students were offered the opportunity to continue their degree within the GGP or to transfer to a similar graduate program. It was recommended that any students who had already been admitted to candidacy remain within the GGP and those in their first years, if desired, transfer to another program. Of the 75 students in the GGP, 5 students chose to transfer to related programs.

Appendix F

Proposal to transfer administrative oversight of the Genome Science and Technology Program to the Faculty of Science

Executive Summary

Genome Science and Technology Graduate Program

The Genome Science and Technology Graduate Program (GSAT) is a multidisciplinary graduate program combining training in genomics, with intensive training in new leading-edge genome science technologies, such as high-throughput techniques that acquire information from DNA sequence, protein expression and interactions, and gene expression patterns to exploit information for a better understanding of biology.

The Faculty of Science oversees many interdisciplinary units on behalf of UBC, including the interdisciplinary Michael Smith Laboratories (MSL) and the Centre for High-Throughput Biology (CHiBi). Both the MSL and CHiBi have many faculty members associated with GSAT.

We propose the following, effective September 01, 2013:

- Administrative oversight for the graduate program be transferred from CfIS to the Faculty of Science;
- All existing resources, including budget and staff and student appointments, be transferred with the program;
- The name of the program will remain unchanged and GSAT will remain autonomous with its own Director.

All elements are described below.

Rationale

1. Faculty of Science is the natural fit for GSAT

The majority of faculty and students in GSAT are members of the MSL or CHiBi. The MSL focuses on molecular genetics, genomics and evolution, bioengineering. CHiBi combines investigators studying molecular biology, genomics, proteomics, and bioinformatics. GSAT also has close ties to the Departments of Botany, Computer Science, Microbiology and Immunology, Statistics, and Zoology. Given the complementarity of research foci between GSAT, MSL and CHiBi, transferring the administrative oversight of GSAT to the Faculty of Science will be beneficial for all.

2. Benefits to the academic mission and organization of GSAT

GSAT is an interdisciplinary graduate program, with faculty members and associates spanning the Faculties of Science, Medicine, Land & Food Systems, Forestry and Applied Science. In addition, connections already exist between GSAT and the Faculty of Science, e.g. a number of faculty members in GSAT have affiliations with the Faculty through their home departments and also through the MSL and CHiBi. This transfer will strengthen these

relationships and provide both faculty members and students greater cross-disciplinary opportunities. The Faculty of Science has demonstrated exemplary leadership in stewarding interdisciplinary entities.

3. Benefits to the academic mission and organization of the Faculty of Science

GSAT is a rapidly growing graduate program which attracts high quality students. Faculty members within the program come from across the Faculties of Science, Medicine, Applied Science, Forestry and Land & Food Systems with established external relationships. GSAT will strengthen external links to the Genome Sciences Centre at the BC Cancer Research Agency and the Bioinformatics Graduate Program.

4. Benefits to student and teaching experience

Faculty members in GSAT teach students from many other programs. Their students take courses and work with supervisors across UBC, many of who are associated with the Faculty of Science. Students will also have more opportunities to obtain teaching assistantships as they will be eligible to apply for positions in the Faculty pool.

5. Strategic Opportunities

Transferring GSAT to the Faculty of Science provides the opportunity to become a world leader in genomics. Transferring GSAT to the Faculty of Science provides the opportunity to strengthen and build on the beneficial relationship already established. With its strong linkages to the MSL and CHiBi, among others, we expect GSAT to continue to thrive in a new administrative home in the Faculty of Science.

Physical Context

GSAT is housed in the BC Cancer Agency at 100-570 West 7th Avenue, Vancouver and will remain there.

Appendix G

Proposal to transfer administrative oversight of the Interdisciplinary Oncology Graduate Program to the Faculty of Medicine

Executive Summary

The Interdisciplinary Oncology Program

The Interdisciplinary Oncology Program (ONCO) offers advanced study and research in a variety of fields relating to oncology. The goal of the program is to provide graduate students from diverse backgrounds with an education in disciplines relating to oncology, and to provide opportunities for intensive training in specialized aspects of oncology through thesis research.

The Faculty of Medicine is a natural fit for the ONCO program as the faculty is already home to a range of departments, schools, research institutes, and research centres with strong links to Oncology. Among these research institutes is the Life Sciences Institute (LSI), a UBC Senate-recognized interdisciplinary Institute, which is jointly governed by the Deans of Medicine and Science.

We propose the following, effective September 01, 2013:

- Administrative oversight of the graduate program be transferred from CfIS to the Faculty of Medicine;
- All existing resources, including budget, staff and student appointment, be transferred with the program;
- The name of the program will remain unchanged and that ONCO will remain autonomous with its own Director.

All elements are described below.

Rationale

1. The Faculty of Medicine is the natural fit for the ONCO Program

The Faculty of Medicine is the most appropriate fit for ONCO as the majority of faculty members and students in ONCO are already active members of the various departments and research groups/centres within the Faculty of Medicine. Transferring administrative oversight to Medicine will be beneficial for all.

2. Benefits to the academic mission and organization of the Interdisciplinary Oncology Graduate Program

With faculty members from across the Faculty of Medicine and students with research topics spanning the breadth of oncology, any formal association will significantly increase ONCO's ability to attract new domestic and international students, new faculty members, and new funding opportunities.

3. Benefits to the academic mission and organization of the Faculty of Medicine

Students and faculty currently associated with the ONCO program are already great contributors at advancing interdisciplinarity and innovation at UBC. Student enrollment in the ONCO program is increasing and continually attracts a range of high-qualified individuals from diverse backgrounds.

4. Benefits to student and teaching experience

ONCO students will benefit from the wide range of student activities and associations run through the Faculty of Medicine and the opportunities to network with faculty members and other students from across the University.

5. Strategic Opportunities

The reputation of the ONCO program is growing, and thus it provides an important way to build closer ties with departments in Medicine, in hospitals, and Health Authority research institutes. The Faculty of Medicine, the BC Cancer Agency, and the Oncology program regularly jointly consider strategic opportunities for the future.

Physical Context

The ONCO Program is currently located at the BC Cancer Research Centre located at 675 West 10th Avenue and will remain there after the transfer.

Appendix H

Proposal to transfer administrative oversight of the Neuroscience Graduate Program to the Faculty of Medicine

Executive Summary

The Neuroscience Graduate Program

The Neuroscience Graduate Program (NGP) offers a coordinated program of graduate studies leading to M.Sc. and Ph.D. degrees in Neuroscience. The objectives of the program are to educate graduate students as neuroscientists with intensive experience in at least one area of research, and to ensure that students in the program develop a broadly based knowledge of the neurosciences.

The Faculty of Medicine is a natural fit for the Neuroscience program as the faculty is already home to departments, institutes, and centers with strong links to Neuroscience. Chief among these is the interdisciplinary Brain Research Centre (BRC) whose Director reports to the Dean of the Faculty of Medicine. Most of the faculty members and students in the NGP are already members of the BRC or collaborate with BRC members.

We propose the following, effective September 01, 2013:

- Administrative oversight of the graduate program be transferred from CfIS to the Faculty of Medicine;
- All existing resources, including budget, staff and student appointment, be transferred with the program;
- The name of the program will remain unchanged and that the NGP will remain autonomous with its own Director.

All elements are described below.

Rationale

1. The Faculty of Medicine is the natural fit for the NGP

A strong partnership between the BRC, a recognized interdisciplinary research centre in the Faculty of Medicine, and the NGP already exists. The Faculty is committed to providing NGP students with an environment where they can obtain top-quality education and training. With these many collaborations and strong ties established, the transfer of the administration of the NGP to the Faculty of Medicine will formalize this mutually beneficial relationship that has been healthy and growing for some time.

2. Benefits to the academic mission and organization of the Neuroscience Graduate Program

Formal association of the NGP with the Faculty of Medicine will significantly increase the NGP's ability to attract new domestic and international students, new faculty members, and new funding opportunities. Faculty members in the NGP actively collaborate broadly across disciplines at UBC. This transfer will increase possibilities for research collaborations and team-based grants. The NGP will also benefit from opportunities for greater collaboration with researchers located off campus. NGP students and faculty will have opportunities to

attend and participate in a wide variety of journal clubs, seminars, research days, poster competitions, and research colloquia hosted by the BRC and the Faculty of Medicine.

3. Benefits to the academic mission and organization of the Faculty of Medicine

If administrative oversight of the NGP is transferred, the Faculty of Medicine will benefit from a formal association with the more than 100 faculty members and over 150 students now in the NGP, and will benefit from the experience and skills of the NGP students.

4. Benefits to student and teaching experience

The scale and collaborative nature of the Faculty of Medicine and the BRC will simplify cooperation and collaboration among graduate programs, with benefits to teaching and mentoring.

5. Strategic Opportunities

When the Djavad Mowafaghian Centre for Brain Health opens later this year, neuroscience, geriatric medicine, rehabilitation, mental health, and addiction initiatives, spanning neurodevelopment to neurodegeneration, with interdisciplinary and translational research will all be integrated in an unprecedented way. This integrated approach will help establish British Columbia as a world leader in brain health. Brain health is one of UBC's top emerging research domains so any formal relationship between the NGP and the Faculty of Medicine will actively benefit students, researcher and UBC's goals as outlined in *Place & Promise*.

Physical Context

The NGP is currently housed in the Kinsmen Laboratory of Neurological Research located in Detwiller Pavilion 2 at 2255 Wesbrook Mall. After the transfer, there is agreement-in-principle to move the administrative office of the NGP to be closer connected to the BRC.

Appendix I

Proposal to transfer administrative oversight of the Master Software Systems Program to the Faculty of Applied Science

Executive Summary

The Master of Software Systems Program

The Master of Software Systems Program (MSS) seeks to give students a broad understanding of software systems development and implementation. The MSS Program is taught by faculty members in the Institute for Computing, Information and Cognitive Systems (ICICS), from the departments of Electrical and Computer Engineering, and Mechanical Engineering in the Faculty of Applied Science, and Computer Science in the Faculty of Science.

Institute for Computing, Information and Cognitive Systems

The ICICS is a multidisciplinary research institute with a mandate to promote and conduct multidisciplinary research in advanced technologies. The Director of ICICS reports to a management committee comprising the Deans of Applied Science, Science, and Graduate Studies. The committee of Deans agreed that administrative oversight of the MSS program should be transferred to the Faculty of Applied Science because the majority of ICICS faculty and students come from that Faculty.

We propose the following, effective September 01, 2013:

- Administrative oversight of the graduate program be transferred from CfiS to the Faculty of Applied Science;
- All existing resources, including budget, staff and student appointments, be transferred with the program;
- The name of the program will remain unchanged and MSS will remain autonomous with its own Director.

All elements are described below.

Rationale

1. The Faculty of Applied Science is the natural fit for the MSS Program

The MSS is a professional degree, taught mainly by professors in the Faculty of Applied Science, with support from many Faculties across campus. The Dean of Applied Science is the lead Dean on the decanal oversight committee, so it is logical that the MSS be administered by that Faculty.

2. Benefits to the academic mission and organization of the MSS Program

The MSS program will benefit from interaction with disciplinary units within the Faculty of Applied Science and faculty members in the Faculty of Applied Science and ICICS are likely to welcome interaction with the MSS affiliates. In turn, this will increase the possibilities for research collaboration and group grants.

3. Benefits to the academic mission and organization of the Faculty of Applied Science

The university is the leading centre for study, design, and application of digital arts. MSS is poised to train students who will lead the province's digital economy. This exchange between the University and the community will assist the Faculty of Applied Sciences, Science, Law, Arts, Medicine, and the Sauder School of Business meet goals for student learning, research excellence, and community engagement.

4. Benefits to students and teaching experience

Students will benefit from co-supervision, access to state-of-the-art facilities, travel support, graduate scholarships, entrepreneurship workshops, and exposure to industry and other external organizations organized through ICICS and the Faculty of Applied Science. Integration within the Faculty of Applied Science will make MSS more visible to potential students.

5. Strategic Opportunities

Transferring the MSS program to the Faculty of Applied Science will further integrate interdisciplinary activity with the faculty and strengthen its relationship with ICICS.

Physical Context

The MSS program is currently located at the Koerner Library at 285 – 2366 Main Mall and will remain there.