

Minutes

Wednesday, March 22, 2017 16-17:07

Minutes of the meeting of Senate held on Wednesday, March 22, 2017 at 2:30 p.m. in the Robert Vogel Council Room (Room 232, Leacock Building)

PRESENT

Arseneault, Louis

Bajeux-Besnainou, Isabelle

Bartlett, Joan

Beauchamp, Yves

Bede, Jacqueline

Bernard, Daniel

Buddle, Christopher

Campbell, Angela

Carter, Mindy

Chin, Joshua

Coderre, Terence

Covo, David

Cumming, Julie

Damha, Masad

Di Paola, Antonia

Dow, Alexander

Dunn, Nicholas

Elbourne, Elizabeth

Elstein, Eleanor

Fortier, Suzanne

Galaty, John

Gehr, Ronald

Gehring, Kalle

Geitmann, Anja

Gold, Richard

Goldstein, Rose

Goodridge, Lawrence

Gore, Genevieve

Grütter, Peter

Gutman, James

Gyakum, John

Harpp, David

Hastings, Kenneth

Hocevar, Casarina

Hooton, Brett

Kaartinen, Mari

Kalil, Alex

Kamen, Amine

Keita, Charles

Krupiy, Tetyana

Larsson, Hans

Leckey, Robert

Lennox, Bruce

Lowther, David

Magdzinski, Alexandre

Maioni, Antonia

Manfredi, Christopher

Massey, Kathleen

McCullogh, Mary Jo

Montaque, Amanda

Nalbantoglu, Josephine

Nichol, Jarrod

Oxhorn, Philip

Panda, Ram

Quitoriano, Nathaniel

Ray, Saibel

Richard, Marc

Riches, Caroline

Robaire, Bernard

Roulet, Nigel

Russo, Mitchel

Rogowska, Edyta

(Secretary)

Saroyan, Alenoush

Savaria-Carriere, Jerome

Singh, Jaaved

Snow, Shannon

Sobat, Erin

Steinhauer, Karsten

Stephens, David

Taylor, Sean

Voudouris, Nellie

Winer, Laura

Yalovsky, Morty

Zorychta, Edith

REGRETS: Paul Allison, Lisa Barg, Stephane Bayen, William Cleveland, Stuart Cobbett, Colleen Cook, Jade Corriveau, Gordon Crelinsten, Elaine Doucette, , Elaine Doucette, Ollivier Dyens, David Eidelman, Jim Engle-Warnick, Guy Ettl, Victor Frankel, Rebecca Fuhrer, Gregor Fussmann, Terence Hébert, Amanda Holmes, Lucyna Lach, Gillian Lane-Mercier, Marcelo Lannes, Margaret Levey, Eva Maciasz, Michael A. Meighen, Guy Mineau, Felicia Moye, Alfonso Mucci, Jim Nicell, Trevor Ponech, Judith Potter, Cynthia Price Verreault, Dilson Rassier, Fiona Ritchie, Laurie Snider, Natalie Waters, Marc Weinstein,

SECTION I

1. Welcoming Remarks

The Chair welcomed Senators to the seventh Senate meeting of the 2016-2017 governance year. She reminded Senators, guests and spectators that the use of electronic devices is permitted for viewing meeting documents, but that the *Senate Rules of Procedure* prohibit the recording of sound or images, and the communication or posting of Senate deliberations.

2. Memorial Tribute for Professor Paula Ribeiro

Senator Geitmann read the following memorial tribute for Professor Ribeiro, which Senate subsequently unanimously approved:

Past and present students and staff of the Institute of Parasitology, and the Faculty of Agricultural and Environmental Sciences at McGill University are deeply saddened by the passing, on March 4, 2017, of our dear colleague, teacher and friend Professor Paula Ribeiro. Paula had been seriously ill for over a year, but she nevertheless strove to keep involved with her students, her research on the molecular and neurobiology of *Schistosoma mansoni* and all of the academic affairs in which she was engaged at the Institute of Parasitology.

Professor Ribeiro spent some of her childhood years in Angola, where her family was stationed toward the end of the Portuguese colonial period. It was likely that her first hand exposure to people suffering from parasitic and other infectious diseases, during that time, led her into a life devoted to studying and trying to improve treatment options for human parasitic diseases. In particular, she sought to find new therapeutic targets and drugs which could control schistosomiasis, a disease which still affects at least 200 million people in the world and is estimated to kill up to 280,000 people per year.

Professor Ribeiro joined McGill in 1994, after completing postdoctoral research on neurochemistry at the National Institutes of Health (NIH) in Bethesda, MD, USA, following PhD studies at York University in Toronto, which she completed in 1988. She was an excellent teacher and a meticulous and highly competent researcher. She was a thoughtful and engaged teacher who displayed a passion for learning that was reflected in the outstanding evaluations she received from her students. Students particularly prized her clarity in explaining concepts and techniques.

Professor Ribeiro was a devoted mentor to about 20 PhD and MSc students and 5 postdoctoral fellows who spent time in her laboratory. She also served as a mentor to many graduate teaching assistants who worked with her in delivering the Biotechnology Laboratory Techniques course. She was a kind and generous person whose giving nature extended to the mentoring of junior faculty members in the Institute and within the Faculty of Agricultural and Environmental Sciences who join us in mourning her passing.

Professor Ribeiro was truly a careful and thoughtful researcher who conducted cutting-edge studies on the neurobiology of flatworms, including parasitic schistosomes. Her

research was always thorough, meticulously executed and at the leading edge of her field. She published her work in many leading journals. Professor Ribeiro served McGill University and the Faculty of Agricultural and Environmental Sciences in many capacities, always with competence, zest, dedication and, above all, integrity. As a colleague, Professor Ribeiro was a great human being, interested in the welfare of others, in justice, in lifting people out of poverty and ill health, in politics and world affairs. She had a strong sense of right and wrong and equity, as well as a keen sense of humour.

Professor Ribeiro is survived by her devoted husband, Dr. Gray Stirling who was constantly supportive and shared with her a love of teaching and science, and by her parents and extended family.

We will remember Professor Ribeiro as someone who was unselfish, tireless, thorough in everything she did, and devoted to trying to improve human health. Paula truly lived a life that testified to her sense of a larger social obligation to make the world a better place.

3. Report of the Steering Committee (16:17-07)

Senate received the Report of the Steering Committee (16-17:07).

Item 1. Approval of Minutes of Senate – February 15, 2017.

Item 2. Speaking Rights Upon approval of the report, speaking rights were granted to Ms. Cara Piperni, Director, Office of Scholarships and Student Aid, for item IIB1 (Annual Report on Scholarships and Student Aid (2015-16); Mr. Bradley Tucker, Executive Director, Analysis, Planning and Budget, and Professor Ghyslaine McClure, Associate Provost (Academic Priorities and Resource Allocation), for item IIB3 (Budget Planning 2017-18 Report II); and Ms. Angelique Mannella, Associate Vice-Principal (Innovation), for item IIB7 (Proposed Revisions to the *Policy on Intellectual Property*).

Item 3. Confidential Session – item IIB11, Report of the Honorary Degrees and Convocations Committee Part II.

Item 4. Approval of the Agenda.

On a motion duly proposed and seconded, Senate approved the Report of the Steering Committee.

The Chair informed Senate that she had to leave the meeting early to attend to an urgent matter and recommended to Senate that Senator Lennox act as Chair in her absence

On a motion duly proposed and seconded, Senate approved the appointment of Senator Lennox as the alternate Chair of Senate for the March 22, 2017 meeting.

5. Business Arising from the February 15, 2017 Senate Minutes

There was none.

6. Chair's Remarks

The Chair began her remarks by discussing government relations. She mentioned that the federal budget will be tabled in the afternoon and the Quebec budget will be tabled on March 28, 2017. She then reported that the University and two affiliated hospitals had received \$70.7 million from the federal government and \$5.1 million from the Quebec government for nine large infrastructure projects, noting the largest project is to renovate the west wing of the Stewart Biology Building. She mentioned that the announcement was made by the Honourable Navdeep Bains, Minister of Innovation, Science and Economic Development, at McGill in early March. The Chair also shared that she attended a dinner with the Premier, Minister David and other Quebec rectors in Quebec City last week.

Regarding community relations, the Chair shared that 205 students participated in the SEDE Alternative Spring Break. She explained that the students spent five days volunteering at local community organizations including Santropol Roulant, Yellow Door, Share the Warmth and the Jewish Museum of Montreal. She also shared that a group of students participated in 5 Days for the Homeless and raised a total of \$12,500, which was donated to Chez Doris and Dans La Rue. The Chair then reported that McGill24, the University's second annual day of giving, which took place on March 15, raised \$1.39 million compared to \$793,000 from the previous year. She thanked all those who participated and Senator Weinstein and his team for their work.

Regarding external relations, the Chair spoke about her participation in the Australia-Canada Economic Leadership Forum in Sydney. She noted that attendees included the Prime Minister of Australia, the Canadian Minister of International Trade, the Right Honourable Stephen Harper, the Australian High Commissioner to Canada and the Canadian High Commissioner to Australia. She informed Senators that she participated on a panel titled "Institutions of Higher Learning as Economic Engines at the Australia-Canada Economic Leadership Forum" and met with colleagues from the G8 Universities.

The Chair then took this opportunity to note that while the accomplishments of McGill students, employees and alumni, have a positive impact on the McGill community and the University, unfortunate actions or words may carry a negative impact. She stressed that academic freedom is one of the foundational principles at McGill and it must be defended with vigor. She noted that responsibility is also an important principle and members of the McGill community, especially those with roles in governance and administration within the University, must remind themselves of their responsibility and the impact of their actions and words on the McGill community.

The Chair concluded her remarks by giving highlights of the kudos circulated prior to the meeting. She congratulated Prof. Aashish Clerk (Department of Physics) on receiving a Fellowship in Theoretical Physics from the Simons Foundation, Professor Maksym Radziwill (Department of Mathematics and Statistics) on being awarded the Sloan Research Fellowship, as well as Dr. Morag Park (Rosalind and Morris Goodman Cancer Research Centre) on receiving the Canadian

Cancer Society 2017 Robert L. Noble Prize. She shared that a team of McGill Management students (Samantha Simpson, Charles Lavoie-Aubuchon, Amir Fawzy and Maria Power) won the Copenhagen Business School Case Competition 2017, noting that the team's winning pitch outlined a solution on how to create sustainable growth within the water industry. She congratulated the McGill synchronized swim team on capturing the Geraldine Dubrule trophy as champions of the Canadian University Synchronized Swim League and the McGill women's basketball team on capturing the Bronze Baby Trophy for their first-ever national championship. Finally, she shared that McGill was named "Fair Trade Campus of the year" by Fairtrade Canada.

SECTION II

Part "A" – Questions and Motions by Members

1. Question Regarding Sale of Lecture Materials by Students and Companies

Senators Hébert and Bernard submitted the following question:

In many departments, it is now common practice for students to coordinate the taking of word-for-word notes of lectures, and re-selling transcripts of these notes to benefit various student organizations. However, this is also being done by for-profit companies, which can subsequently own the copyright of an individual professor's work. These for-profit companies are either buying notes created by our students, or generating them in some other way, see for example: <https://sleepingpolarbear.ca/>

A recent report on this issue can be found in the link below:

https://www.mcgill.ca/maut/files/maut/sept_21_2015_sieber_selling_course_materials.pdf

Lecturers often go to great lengths to provide timely access to slides, course recordings and other lecture-related material to students. We often have to post this material such that there are no restrictions to how it is downloaded. For example, students prefer to be able to download rather than stream course recordings. This is particularly frustrating in an era where courses are routinely overbooked, and there is an implicit expectation that professors record lectures and make our lecture materials available which can have a tremendous impact on student course evaluations. There is significant pressure for lecturers to maintain the policy of offering courses that students can, in effect, take as remote, on-line courses.

How can McGill more effectively address this issue to protect the work of lecturers, their copyright and intellectual property?

Senators Manfredi and Goldstein provided the following written response prior to the Senate meeting:

We thank Senators Hébert and Bernard for raising this important question.

The Intellectual Property Policy of the University indicates clearly that teaching materials are owned by their authors, subject to some rights for the University to use them for the purpose of teaching. The consequence of that rule is that professors and lecturers are responsible for the enforcement of their intellectual property rights.

However, the University has and will continue to take measures to limit infringement of the IP rights of its instructors. The issue is complex, because it requires balancing the rights of instructors to protect their intellectual property with those of students who should have easy access to the materials they need to learn. Among the measures implemented to date are the:

- Adoption of myCourses, where access to course material is restricted to students registered in a course. Prior to the implementation of this tool, instructors were often uploading their course material on the internet.
- Development of guidelines and tools for instructors concerning watermarking or stamping their course material in such a way that copyright is clearly advertised.
- Development of the Course Outline Guide (www.mcgill.ca/tls/teaching/course-design/outline), which recommends using a copyright protection statement in the following terms: “© *Instructor-generated course materials (e.g., handouts, notes, summaries, exam questions, etc.) are protected by law and may not be copied or distributed in any form or in any medium without the explicit permission of the instructor. Note that infringements of copyright can be subject to follow up by the University under the Code of Student Conduct and Disciplinary Procedures.*”

Although myCourses is an improvement over older tools, it is not perfect. For obvious reasons blocking the option to download materials would not be consistent with our wish to ease access to materials for our students. Once materials are downloaded, however, we have no control over its dissemination. It is likely that most dissemination is done in good faith and that students do not realize it is inappropriate, and sometimes illegal. There is also some confusion concerning what material is protected by copyright.

Neither instructors nor the University has the resources necessary to identify and go after copyright infringers. However, technology evolves quickly, and new measures that could help further restrict unlawful dissemination of teaching materials may now exist.

Research and Innovation will work with the Office of the Provost and Vice-Principal (Academic) to examine how best to communicate the responsibilities of all members of the McGill community under policies governing intellectual property at the University. Indeed, a good occasion for this is presented by virtue of the fact that the IP Policy is being reviewed, with revisions presented to Senate this term.

Senator Bernard suggested having an open discussion on the sale of lecture materials by students and companies. Senator Zorychta echoed the suggestion, noting that the sale of lecture materials had become a significant problem. She expressed that the companies are not delivering on their

promises to students. She added that the University has teaching assistants and tutors to provide support to students and wondered why the companies are allowed to place ads on campus bulletin boards and book classrooms. Senator Saroyan then asked about the relationship between Prep 101 and the University and wondered if Prep 101 subsidized orientations of student associations. Senator Hastings asked whether the University has ever followed up on issues of copyright infringement under the *Code of Student Conduct and Disciplinary Procedures*.

Part "B" – Motions and Reports from Organs of University Government

Open Session

1. Annual Report on Scholarships and Student Aid (D16-42)

Ms. Piperni presented this report for Senate's information on behalf on Senator Dyens who was unable to attend the meeting. She stated that the report includes need-based government and institutional aid for all degree students as well as merit-based institutional awards to undergraduate students. She noted that a total of \$110 million in awards and financial aid was awarded to McGill students, which represents an increase of 3.1% since last year. She highlighted that the largest funding sources supporting institutional aid and awards are the central strategic allocation, donations and income generated from endowments, and noted that more than half of the funds are used for need-based aid.

In response to Senator Saroyan's question regarding government aid, Ms. Piperni noted that government aid includes both loans and bursaries noting the breakdown would be provided.

[*Secretary's Note: With respect to the total government aid reported of \$77,627,732, 37% is non-repayable grants and 63% are loans. The high proportion of loans is explained by the inclusion of \$9.3 million of American Student Financial Assistance (which are 100% loans) and the use of grants to repay loans after-the-fact by some provincial jurisdictions (typically at the end of an academic year or at the time of on-time graduation).]

Senator Singh asked if the Scholarships and Student Aid Office looks at external scholarships and provides assistance with the application process. Ms. Piperni replied in the affirmative, noting that the McGill Career Planning Service (CaPS) maintains a database of the opportunities.

Senator Dow inquired about the special criteria awards. Ms. Piperni stated that they are administrated by the University but are a hybrid of merit and need or have additional criteria. Regarding the Loran Scholarship and MasterCard Foundation Scholars Program, Ms. Piperni explained that they are external competitions and the recipients are chosen by the Canadian Merit Foundation and the MasterCard Foundation. She noted that, as an institutional partner, the University covers the tuition for the winners who choose to attend McGill.

In response to Senator Sobat's question regarding financial aid for international students in deregulated programs, Ms. Piperni explained that the total cost for students and the resources at their disposal are reviewed when determining financial need. She stated that the higher tuition cost for international students is therefore part of the calculation. She mentioned that the University

strives to cover a similar proportion of tuition, whether the rates are regulated or deregulated, and has narrowed the gap over the last few years. She noted that the proportion of tuition covered by aid in 2015-2016 was 60% for regulated programs and 43% for deregulated programs.

The Chair asked whether the total number of awards and financial aid excluded funding to Graduate and Postdoctoral Studies (GPS) for graduate students and postdoctoral fellows. Ms. Piperni responded in the affirmative, noting that, with respect to graduate students, her office only deals with need-based aid.

2. Annual Report on Enrolment and Strategic Enrolment Management (D16-43)

Senator Massey presented this report for Senate's information. She highlighted that the total student enrolment in Fall 2016 was 40,493, which represents an increase of 1.3% since 2015 and 7% since 2011. She noted that 52% of the student body was from Quebec, 21% from the rest of Canada and 27% was international enrolment. She mentioned that 79% of the students were degree-seeking students, of which 75% were undergraduate students and 25% were graduate students, noting that doctoral students represent 11% of the total degree-seeking students. Senator Massey also focused on some of the priorities for planning enrolment activities and setting enrolment goals. These include serving Quebec society, particularly through heightened recruitment of students from French CEGEPs, focusing on the entire lifecycle of the students and supporting them all the way through and maintaining international students in the 25%-30% range. She explained that declining yield rates present a challenge to McGill and other universities since students are applying to more universities. She also noted that in Ontario, the financial aid program was protectionist up until this year. She stated that next year, students would not be required to study in the province of Ontario in order to benefit from provincial aid. She added that other challenges and opportunities include demographic changes, implications of the changing value of the Canadian dollar, Brexit, US elections, and other international factors. Finally, Senator Massey reported that enrolment initiatives in 2016 included gathering diversity data at the undergraduate entering class level, undergraduate skills development programs, *Voici une journée à McGill*, McGill Summer Academy, Journey McGill, the graduate Milestones project and working with UNHCR regarding refugee admissions.

Senator Robaire asked if the University determines enrolment targets for students before admitting them. Senator Massey replied that the University has a notional idea of the percentages for enrolment and notional targets but looks for academically excellent students.

Senator Taylor asked what the statistics on enrolment are based on and wondered how a dual citizen living in the United States would be counted. Senator Massey responded that the statistics are based on immigration status, noting international students are students requiring a study permit. She stated that dual citizenship is not taken into account. Senator Saroyan asked about the non-degree seeking students. Senator Massey explained that this category includes visiting students from other universities, students that have degrees and are taking a few courses, especially in continuing studies, and certificate programs. Senator Saroyan asked if McGill made any commitments to take students from other jurisdictions or institutions. Senator Massey responded that she was unaware of any.

In response to Senator Richard's question on graduation statistics, Senator Massey stated that the graduation rate is about 84%, which is considered strong, noting that the rate varies across

programs. Senator Gutman asked if socioeconomic factors affected graduation rates. Senator Massey responded that there is no data at McGill but the statistics of other jurisdictions show correlations of varying types.

In response to Senator Keita's question on capacity, Senator Massey noted that it is a complex matter as it differs by faculty, program, and major. She stated that she meets with Deans and Associate Deans to discuss capacity and set enrolment targets, noting that the University is trying to maintain a stable number of students. Senator Quitoriano wondered if it would be possible to reallocate space to accommodate higher demand in certain programs. Senator Massey responded that this could be further discussed, as it is a complex matter.

Senator Harpp asked if efforts are being made to include factors other than grades for admissions. Senator Massey responded in the affirmative, noting the Faculty of Education was considering statements of intent as part of the application package

3. Budget Planning 2017-2018 Report II

(D16-44)

Senator Manfredi delivered the second of three presentations concerning the FY18 University budget for Senate's information. He reminded Senators that the report is subject to change as new information becomes available. One change he noted since February was a softness in the revenue from the sale of goods and services, which may be connected to the relocation of the bookstore. He highlighted that the University was anticipating a balanced budget for FY17, which places McGill in a better position than projected in April 2016 (\$2.7 million deficit). He explained that over the past few years, the University had to take into account a number of reductions at the provincial level but is now operating in a stable budgetary environment. He noted that there would not be additional budget reduction measures beyond those added in the FY16 Budget Book and some of the measures with respect to administrative and support staff have been relaxed. He presented a five-year outlook of the Operating Budget, indicating a larger deficit for FY18 (\$6.4 million) but a surplus balance in FY22 (\$0.9 million). He reported that some contingencies were added as a significant increase in capital expenditures is anticipated over the next decade, particularly with respect to deferred maintenance. Finally, Senator Manfredi reminded Senators of the plans to borrow \$400 million to address deferred maintenance issues, noting the interest payments are being paid from the plant fund but in FY20, the University will start paying from the operating fund to service the bond.

In response to Senator Richard's suggestion to modify the table on the initial forecast for FY17 in order to render the information it contained clearer, Senator Manfredi stated that the information could be presented differently in next year's report. He clarified that the amounts listed are incremental increases/decreases, noting as an example that the Quebec grant is expected to be \$2.6 million higher than originally budgeted.

Senator Hastings mentioned that one of the expenses listed is "academic renewal priority and related tenure-track complement objectives to be updated." He asked which body would be performing the analysis and whether the academic staff and Senate could contribute. Senator Manfredi responded that the University is undergoing net growth for tenure-track faculty

complement. He explained that a conscious decision was made by the University to ensure that the majority of academic teaching is delivered by tenured-track professors.

In response to Senator Taylor's question on deferred maintenance, Senator Manfredi explained that there is zero growth listed in FY18 as there is no need to pay from the operating fund until FY20. Senator Taylor also asked about the increased costs for building occupancy and energy. Senator Manfredi responded that they are due to the increase in rates by Hydro-Quebec.

Senator Snow asked for further details regarding the \$500,000 investment in initiatives associated with indigenous peoples projects. Senator Manfredi stressed that the recommendations from the Provost's Task Force on Indigenous Studies and Indigenous Education are a top priority for the University. He noted that Faculties have also developed their own initiatives and, as a result, the investments may be even higher than \$500,000. He mentioned that he would be reporting to Senate on this item during his budget presentation in April.

The Chair thanked Senator Manfredi and his team, recognizing the complexity of the exercise, especially considering that the federal and provincial budgets have not been tabled and that the final *Règles budgétaires* were only available in January (two thirds into the fiscal year).

4. 479th Report of the Academic Policy Committee (D16-45)

Senator Manfredi presented this report for Senate's consideration.

On a motion duly proposed and seconded, Senate approved the proposed Ph.D. in Quantitative Life Sciences.

5. Report of the Senate Nominating Committee (D16-46)

Senator Manfredi presented this report for Senate's consideration. He explained that it contained a recommendation to fill a student vacancy on the Academic Policy Committee.

On a motion duly proposed and seconded, Senate approved the recommendation contained in the Report of the Senate Nominating Committee (D16-46).

6. Report of the Honorary Degrees and Convocations Committee Part I: Proposed Revisions to the McGill Medal Terms of Reference (D16-47)

Senator Manfredi presented this report for Senate's consideration.

On a motion duly proposed and seconded, Senate approved proposed revisions to the McGill Medal Terms of Reference.

7. Proposed Revisions to the Policy on Intellectual Property (D16-48)

Senator Goldstein presented this item for discussion. She noted that the *Policy on Intellectual Property* has not been revised since 2001. She informed Senators that the revisions began with

recommendations in November 2014 from the Innovation Steering Committee, which identified the need to articulate the philosophy, vision, and intent that underpins the Policy as well as the institutional objectives that are enhanced and protected with its implementation. She highlighted that principles underlying the revision include the importance of academic freedom and the freedom to disseminate, protecting and commercializing intellectual property and ensuring equitable risk sharing and equitable returns to inventors, the University and affiliated institutions as well as ensuring the social benefit of intellectual property and its results. She noted that the revisions also aim to improve the clarity and the ease of interpretation of the Policy and were the result of extensive consultations with internal and external stakeholders as well as a review of the best practices in intellectual property policy from top peer institutions in Canada and around the world. Finally, she informed Senators that an online living principles document to guide the commercialization process would be launched in April 2017 on the website of the Office of Innovation and Partnerships. She explained the document will include principles related to supporting open science and affordable global access to pharmaceuticals.

Senator Singh noted the Policies are silent regarding what happens if the Vice-Principal (Research and Innovation) has a conflict of interest. Senator Campbell responded that it is not a problem as there is a requirement for a delegate to step in. Senator Singh then asked if a claimant could use the court system. Senator Goldstein responded in the affirmative. Senator Singh also noted that the dispute resolution process requires that disputes be brought within one year of the complainant having had knowledge of the matter underlying the dispute. He wondered what would happen if the informal resolution process recommended by the policies takes longer than expected and asked what is meant by having knowledge. Senator Goldstein responded that bringing a dispute to the attention of the Vice-Principal (Research and Innovation) but engaging in an informal dispute resolution process would interrupt the time limit. Senator Campbell added that the principle of reasonableness is used to determine knowledge of the matter underlying the dispute.

Senator Gold expressed that the University having no obligation to commercialize inventions and software needs to be clearly stated to prevent issues during appeals to a court. He also noted that inventors may opt to commercialize independently of the University and stated that this may lead to inventors commercializing in a way that would violate the Guidelines or the values of the University. He suggested adding limits on what could be done by inventors. Senator Goldstein agreed to discuss this matter further outside of Senate.

With respect to the *Policy on Inventions and Software*, Senator Dunn asked if graduate student funding is included in the scope of s. 2.12(b). Senator Goldstein responded in the negative and clarified that it only refers to pay for work outside research studies.

Senators Lennox and Cumming wondered why copyright of the printed word and code are treated differently, noting in particular that an author is entitled to keep any income derived from their work. Ms. Mannella explained that this is in line with best practices at peer institutions. Senator Lennox wondered if the Working Group considered that there might be a need for a new benchmark for best practices. Ms. Mannella agreed to discuss this matter with the Working Group. Regarding s. 5.1.2 of the Guidelines, Senator Singh asked about the out-of-pocket expenses. Senator Goldstein clarified that they refer to fees paid, such as patent fees and invoices and not work performed by employees and or the use of University equipment and facilities.

Senator Nicell suggested avoiding embedding the Invention Development and Entrepreneurship Assistance Team (IDEA) into the policies, as there may be changes in their organizational structure.

The Principal then asked Senator Lennox to take over as Chair.

8. Annual Report from Graduate and Postdoctoral Studies (2015-16) (D16-49)

Senator Nalbantoglu presented this report for Senate's information. In terms of admissions and enrolment, she noted that McGill has the highest proportion of PhD students in the U15. She stated that 11% of total degree-seeking students are doctoral students and this has remained constant over the past 4 to 5 years. She expressed that there have been decreases in funding but new programs attract students. For example, she mentioned that this year, Biological and Biomedical Engineering had an unexpected number of applications. Senator Nalbantoglu highlighted that there has been an increase in international students and a decline in Quebec students and Canadian students. With respect to funding, she noted that the amount of internal funding Canadians receive decreases after the first year of studies as they get more external awards while international students require internal funds throughout their tenure as they are not eligible for external awards.

In response to Senator Harpp's question regarding the increase in doctoral degrees awarded, Senator Nalbantoglu explained that there was a big intake of students in 2009 at the doctoral level and those students are now graduating.

Senator Saroyan expressed concern over the funding of international students and asked what percentage of the intake come in with their own funding. Senator Nalbantoglu responded that it is a very small proportion. She explained that the University is making efforts to get sponsorships and sign agreements with international organizations. She noted that currently, most of the students with funding are the Saudi Arabian students who receive funding through their Cultural Bureau and the Chinese students who receive funding through the China Scholarship Council. She also noted that McGill signed an agreement with the National Council for Science and Technology of the United Mexican States (CONACYT) last year to co-sponsor Mexican students enrolled in a Master's Research Program or PhD at McGill. In response to Senator Saroyan's questions regarding exchange students, Senator Nalbantoglu acknowledged that there are many administrative duties to get an international student as a research trainee. She stated that there are programs and GPS is promoting them. She mentioned that Erasmus+ has just launched their Masters programs and the University is getting inquiries about placing students. Senator Robaire expressed that there is a need for a staff member within GPS to handle immigration issues. Senator Nalbantoglu agreed.

Senator Krupiy asked for a list of actionable goals for the professional development of postdoctoral fellows. She shared that the Association of Postdoctoral Fellows, especially Tomer Noyhouzer, has been working for 1.5 years with the Dean of GPS to develop programs designed to prepare postdoctoral fellows for teaching and suggested having a formal policy to implement these programs. Senator Nalbantoglu spoke in favour of the plan developed by Dr. Noyhouzer with Senator Lennox and suggested that Senator Krupiy follows-up with the departments. She also reminded Senators that postdoctoral fellows have access to all the professional development programs that academic staff have through TLS.

Senator Robaire noted that the average total income for non-international students is about \$25,000 for the year and asked if there are big differentials between faculties. He also wondered how the figures at McGill compare with other Canadian universities. Senator Nalbantoglu responded that the stipends at McGill are lower but so is the tuition. She explained that when tuition fees are taken into account, McGill is very competitive with its peers. She also highlighted that certain universities require students to hold teaching assistantships, the cost of living in Montreal is lower and the tuition for international students goes down to the Quebec level after the residency period.

Senator Gehr expressed that international students need support with English and suggested that the McGill Writing Centre receive more funding.

Senator Elbourne commented that in her department, postdoctoral fellows do not have teaching opportunities due to the way the courses are allocated. Senator Nalbantoglu responded that the University is aware of the situation. Senator Elbourne asked about the stipends for the Faculty of Arts. Senator Nalbantoglu responded that students in the Faculty of Arts are among the highest paid students. She explained that their unit might not realize it, as they may hold teaching assistantships and research assistantships. Senator Robaire asked if the statistics for each faculty can be made available and included in future reports. Senator Nalbantoglu responded in the affirmative, noting that deans already receive that information. Senator Elbourne expressed concern over bringing international students with a one-year fee waiver, as they become a liability if they do not receive a fee waiver in subsequent years. Senator Nalbantoglu suggested contacting GPS to advise on such matters.

Senator Bernard noted that international students depend more on institutional support and research stipends and expressed that if the current trends continues, there will be too many demands for institutional awards and too few dollars from research stipends. He asked how GPS plans to solve this problem. Senator Nalbantoglu agreed that the current situation is not sustainable. She explained that pilot studies are being conducted with certain departments to recruit more local and Canadian students.

With respect to the average financial support for students, Senator Magdzinski asked for further details on the range and a breakdown by faculty. Senator Nalbantoglu responded that the statistics could be included in future reports. She stated that the stipend varies between \$10,000 and \$12,000 for Canadians, noting that the amount is stable across the faculties and no faculties receive less than \$10,000.

9. Report from the Board of Governors to Senate

(D16-50)

Senator Panda presented this report for Senate's information. He explained that the report contains an overview of matters considered by the Board on February 2, 2017 as well as the Executive Committee of the Board on February 28 and March 8, 2017. He highlighted that the Board approved the appointment of Senator Price Verreault as a member-at-large effective July 1, 2017 and the grant agreements from the Canada First Research Excellence Fund and the International Progressive Multiple Sclerosis Alliance. He also noted that the Board held its annual Board Retreat and held the fourth edition of the Board-Student Forum.

10. Other Business

There being no other business to deal with, Senate moved into confidential session to receive the Report of the Honorary Degrees and Convocations Committee Part II.

Confidential Session

11. Report of the Honorary Degrees and Convocations Committee Part II (D16-47)

Senate moved into confidential session to review the Report of the Honorary Degrees and Convocations Committee Part II (this minute is approved by the Senate Steering Committee and is not published or circulated, but is attached to the permanent minutes of Senate as Appendix A).

There being no other business to deal with, on a motion duly proposed and seconded, the meeting adjourned at 5:20 p.m.

END

The complete documents, including presentations at Senate, are kept as part of the official minutes.