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64th Annual CSM – SCM Annual General Meeting

Date: Wednesday, July 30th 2014

**Location: Palais des Congres de Montreal
Montreal, QC
Room: 520A**

Time: 11:30 AM – 1:00 PM
Lunch will be provided

Meeting Agenda

1. Introductions
2. Approval of Agenda
3. Approval of minutes from Ottawa Annual General Meeting, June 19, 2013
4. Secretary Treasurer's report
 - a) 2014 Budget
 - b) Financial Statements Audited by Andrea Poole, CA
 - c) Membership Report
 - d) Website
 - e) Update of signing authority
 - f) Special resolution to approve the amended bylaws to adhere to the new non for profit act
5. President's Report
6. 1st Vice President Report
7. Past President Report
8. Meetings' Secretary's Report
9. Meetings Conferences and Workshops
 - a) Report on 2013 conference
 - b) Report on 2014 conference
 - c) Report on 2015 conference
 - d) Report on 2013 EDAR Satellite Symposia
 - e) Future meetings
10. Student representative's report

11. New Members of the Executive & Council
12. Reports from the sections
 - a) AEM
 - b) II
 - c) MCGM
13. Reports from committees
 - a) Education and Careers Committee
 - b) Awards Report
14. Reports from representatives
 - a) CJM
 - b) IUMS
 - c) ICTV
 - d) BCDRCC
 - f) ASM Ambassador to Canada
15. Other business

Minutes
To be approved by the CSM members
at the
CSM 2015 University of Regina Annual General Meeting

1. Introductions

Daniel Dubreuil, CSM President asked the members of the Executive to introduce themselves.

2. Approval of Agenda

Motion: Nancy Martin made a motion to approve the agenda, seconded by Doug Storey, all in favour, agenda approved.

3. Approval of minutes from Ottawa Annual General Meeting, June 19, 2013

Motion: Peter Krell made a motion to approve the June 19 AGM minutes, motion seconded by Mario Jacques, all in favour, minutes approved

4. Secretary Treasurer's report – Ayush Kumar

a) 2014 Budget

AK presented the budget. He stated that the Annual conference is the main reason that the 2014 budget bottom line is showing a deficit of \$49,902.50. He explained that the agreement CSM had with NRC Conference Services was that CSM would provide \$35,000 in deposits and then if the congress made a profit, CSM would get the \$35,000 back and share the remainder of the profit with them. AK stated that it seemed that the best case scenario would be that the IUMS 2014 congresses would break even. Which meant that the CSM would not get the \$35,000 back. AK noted that CSM have been paying the \$35,000 in installments of \$7,000 annually starting from 2010. Since CSM is not getting any revenue from the conference, some of the conference expenses had to be paid by the CSM operating budget. The major revenue for CSM is the membership fees. The numbers have gone down for the membership compared to 2013, because students normally apply to become a CSM member to get a discounted conference registration at CSM meetings, however this format of registration could not be applied for IUMS 2014.

A question was asked about why the number of memberships was less but the revenue remained the same. AK answered that there was a change at the beginning of 2014 concerning payment of registration with taxes being charged separately for membership. That helped to keep the 2014 membership revenue almost the same as the 2013 membership although the actual number of renewed and new members in 2014 were almost 100 less than 2013.

Motion: Julian Davies made a motion to approve the 2014 budget, Louise Nelson seconded the motion, all in favour, motion approved.

b) Financial Statements Audited by Andrea Poole, CA

Ayush went through the 2013 audited budget, he then proceeded with explaining the deficit of \$11,218 indicated in the financial statement. There were two workshops that were organized by Ed Topp. He reminded the attendees that in 2012 the profit was very high because of the balance that was left from the AMR workshop. These funds were used in 2013 to subsidize the 2013 EDAR Satellite Symposium. He also identified the major expenses listed on the 2013 expenses, the website which was mainly the cost of updating the web management system to allow CSM to create conference pages and maintain them. Also, because CSM is in good financial position, the CSM Executive decided to support all the student events that were received which totaled over \$5,000. In 2013 support was provided to 2 ambassador awards and 6 under grad student awards which is also another \$5,000

Michael Hynes asked why the budget for the undergrad award in 2014 was \$500 compared to \$5,630 in 2013, Ayush explained that only one nomination was received in 2014 for the undergrad awards and no nominations for the ambassador award was received.

Motion: Julian made a motion to accept the financial statement prepared by Mrs. Andrea Poole, seconded by Michael Hynes, all in favour, motion approved.

c) Membership Report

Ayush presented the membership report. One question asked was why the numbers went down. Ayush explained that mainly the decrease was due to a drop in student registrations, since there were no discounted registration fees associated with CSM membership for the IUMS congresses.

d) Website

There were no questions regarding the website reports.

e) Update of signing authority

Ayush mentioned that currently he, Wafaa Antonious, Nancy Martin and Daniel Dubreuil are the signing officers for the CSM BMO account. We need to set up the new treasurer Mohan Babu, Charles Dozois and Christine Szymanski as signing officers on the CSM BMO account.

Motion: Eva Nagy made a motion to approve Mohan Babu, Charles Dozois and Christine Szymanski as signing officers, motion seconded by Susan Koval, all in favour, motion approved.

f) Special resolution to approve the amended bylaws to adhere to the new not-for-profit act

Ayush explained the changes that were made to the bylaws, one was changing the student rep to be elected and then had to apply needed changes to adhere to the Not-for-profit Act. Michael Hynes was invited to explain the changes he applied. We do not need to obtain ministerial approval for the revised bylaws. Also, the old bylaws did not have a director, so he added that. It was explained that a special resolution means that 2/3 of the attendees of the AGM have to approve the motion.

Special Resolution: Susan Koval made a motion to approve the revised bylaws, seconded by Josef Zeppa, all were in favour, no objection or abstention, and the motion was approved.

5. President's Report

Daniel Dubreuil thanked Nancy for serving four years on the executive as 2nd VP, 1st VP, President and Past President. He also expressed his appreciation of Ayush service for three years as the Secretary / Treasurer. He acknowledged Josie Libertucci who did a really marvelous job as the student rep. He thanked Ann Karen who did a great job, which required a lot of changes to adapt to the format within the IUMS meeting, especially that she did not use the AMS for the IUMS 2014. He also thanked Wafaa for doing a good job as the CSM Secretariat and Michael Hynes for his efforts and time in revising the CSM Bylaws again.

6. 1st Vice President Report

Charles Dozois said he did not provide a written report for the CSM Council and AGM meetings. He explained that mainly he was representing the CSM at the IUMS and ensuring that all the CSM related activities and interests were incorporated into the program. He clarified that as far as the budget, he was only involved in the scientific organization of the congress not the financial planning. He voiced his opinion against the high registration fees and he believes that the IUMS 2014 lost some members who could not afford to attend and pay the high registration fees. One of the aspects for the bid CSM put in for the IUMS 2014 was that there were a large number of student travel awards, students who mostly are from developing countries. He encouraged the attendees to attend the Regina meeting. He ensured that the attendees will enjoy high quality science and the diversity of subjects.

7. Past President Report

Nancy Martin thanked all the members for supporting her tenure for these four years, as well as the dedicated members of the council who have done a lot for the CSM.

8. Meetings' Secretary's Report

Russell Hynes had nothing to add to the written report as his involvement in the 2014 IUMS was very limited compared to CSM run conferences.

9. Meetings Conferences and Workshops

a) Report on 2013 conference

Wafaa Antonious stated that there was nothing to add to the presented written report.

b) Report on 2014 conference

Charles said that Pierre Talbot is the Chair of the IUMS 2014. He expressed the IUMS 2014 LOC disappointment in the low attendance of participants from certain countries, such as the USA. One of the reasons there may have been a decreased participation could have been due to the ASM general meeting being held in Boston only 2 months before the IUMS congresses. They were also disappointed in the overall number of attendance, as they were expecting at least 1,000 more. In terms of sponsorship and financing, it was very hard to convince the exhibitors to participate. The LOC could not deal with the local rep as the IUMS meeting is considered as an international meeting and therefore we had to initiate new contacts with the head offices which rendered sponsorship for meeting a harder sell. It is important to note that overall, invited speakers only received free registration and had to cover their own travel or lodging expenses. Thanks for Canadian Journal of Microbiology that provided funds (\$12,000) to help defer costs of some of the invited speakers who requested funds to cover some of their travel expenses. In return, these speakers have to write an article to be published in the CJM.

c) Report on 2015 conference

As per the written report.

d) Report on 2013 EDAR Satellite Symposia

As per the written report.

e) Future meetings

Tak listed the future conference dates as listed in the written report.

10. Student representative's report

Presented as written.

11. New Members of the Executive & Council

Daniel Dubreuil listed the new members of the executive, Chris Yost, University of Regina will serve as the 2nd VP, Ryan Buensuceso is the next student rep. As Ayush is stepping down, Mohan Babu from University of Regina applied for the next treasurer / secretary position. DD asked for any nomination from the floor, none were received for these positions.

Motion: Angela Pearson made a motion to approve the new members of the executive, Martin Chenier seconded the motion, all in favour, motion approved.

12. Reports from the sections

a) AEM

Josh Neufeld said that the quality of the abstracts received for the AEM section were very low. He requested that in the future he would like the extended abstract have graphs, tables and images because evaluation of posters is all about images and the graphs. The AEM section approached Andrea Kirkwood to serve as the incoming Vice Chair for the AEM section.

Motion: Ayush Kumar made a motion to approve Andrea Kirkwood as the AEM Section Vice Chair, seconded by SabbaRao Chaganti, all in favour, motion approved.

b) II

As written report.

Motion: Mario Jacques made a motion to appoint Herve Le Moual as the II Section Vice Chair, Samantha Gruenheid seconded the motion, all in favour, motion approved.

c) MCGM

As written report.

Motion: Andrew Lang made a motion to approve Shawn MacLellan as MCGM Section Vice Chair, Michael Hynes seconded the motion, all in favour, motion approved.

13. Reports from committees

a) Education and Careers Committee

Ann Karen Brassinga explained that any abstracts rejected from the oral competition were scheduled for the poster competition, as the number of abstracts received for the poster competition were lower than usual. She had to do a follow up with the students to ensure that all the required documents and procedures were followed. She stated that Raphael Garduno who was the co-chair, resigned from the committee. The position of co-chair is now vacant and has to be filled. Josh Neufeld has accepted to be the co-chair for next year. This year Teresa de Kievit and Karen will be co-chairs.

b) Awards Report

As per the written report.

14. Reports from representatives

a) CJM

Michael Hynes asked the attendees how many knew that they benefit from free printing of colour figures in the print version of CJM.

b) IUMS

As per the written report.

c) ICTV

As per the written report.

d) BCDRCC

Julia Foght has proposed a nomination for Jonathan Van Hamme to follow her when she retires in 2016 and he has agreed. We need a motion to approve the nomination.

Motion: Martin Chenier made a motion to approve Jon Van Hamme as the CSM representative to the BCDRCC starting 2016 Nancy Martin seconded the motion, all in favour, motion approved.

e) ASM Ambassador to Canada

As per the written report.

f) ASM young Ambassador of Canada

As per the written report.

15. Other business

No other business was discussed.

Adjournment

Motion: Samantha Gruenheid made a motion to adjourn the AGM, seconded by Eva Nagy, all in favour, meeting adjourned.

4. Secretary – Treasurer’s Report – Ayush Kumar
a) 2014 Budget

| | 2014 July Budget Estimates to year end | 2013 Audited Budget | 2013 June Budget | 2012 Audited |
|---------------------------------------|---|--|-----------------------------------|-------------------------------|
| REVENUE SOURCES FOR OPERATIONS | | | | |
| Investment & Misc. Income | 2,200.00 | 1,852.00 | 1,800.00 | 1460 |
| Membership Fees | 31,000.00 | 31,206.00 | 34,000.00 | 32103 |
| Subscriptions to the CJM | 1,036.00 | 1,190.00 | 1,200.00 | 1250 |
| Advertising & Sponsorship Income | 800.00 | 1,125.00 | 300.00 | 200 |
| | | | | |
| Subtotal | 35,036.00 | 35,373.00 | \$37,300.00 | \$35,013.00 |

| | | | | |
|--|-----------------|----------------|-------------------|-------------------|
| REVENUE SOURCES FOR ANNUAL CONFERENCE | | | | |
| Awards Income | 9,300.00 | 9,300.00 | 9,300.00 | 9,100.00 |
| Annual Conference Exhibits and Grants & Meeting Folder | 0 | 41,903.00 | 45,400.00 | 34,422.00 |
| Annual Conference Registration including Tickets | 0 | 104,045.00 | 107,000.00 | 101,054.00 |
| | | | | |
| Subtotal | 9,300.00 | 155,248 | 161,700.00 | 144,576.00 |

| | | | | |
|--|-------------|-----------------|------------------|------------------|
| Revenue Sources for CSM AMR 2012 & EDAR SS 2013 | | | | |
| AMR Support & Grants ¹ | 0.00 | | 26,475.00 | 92,153.00 |
| Registration fees | 0.00 | 6,250.00 | | |
| Subtotal ¹ | 0.00 | 6,250.00 | 26,475.00 | 92,153.00 |

| | | | | |
|--|------|------------------|--|--|
| REVENUE SOURCES FOR PLANT VACCINE WORKSHOP 2013 | | | | |
| Grants | 0.00 | 5,500.00 | | |
| Registration | 0.00 | 13,358.00 | | |
| Accommodation | 0.00 | 11,112.00 | | |
| Subtotal | | 29,970.00 | | |

| | | | | |
|-------------------------------------|------------------|-------------------|-------------------|-------------------|
| TOTAL OF ALL REVENUE SOURCES | 44,336.00 | 226,841.00 | 225,475.00 | 271,742.00 |
|-------------------------------------|------------------|-------------------|-------------------|-------------------|

| 2014 July Budget Estimates to year end | 2013 Audited Budget | 2013 June Budget | 2012 Audited |
|--|------------------------|---------------------|-----------------|
|--|------------------------|---------------------|-----------------|

EXPENDITURES FOR OPERATIONS

| | | | | |
|--|------------------|------------------|------------------|------------------|
| Website Development | 1,700.00 | 9,210.00 | 8,350.00 | 180.00 |
| Website Maintenance | 1,050.00 | 1,040.00 | 3,200.00 | 921.00 |
| Logo / graphic design banner | | 0.00 | 0.00 | 710.00 |
| Secretariat | 24,000.00 | 22,596.00 | 19,700.00 | 19,700.00 |
| Audit | 3,700.00 | 3,650.00 | 3,650.00 | 3,600.00 |
| Bank & Credit Card Charges | 3,800.00 | 3,604.00 | 2,550.00 | 2,405.00 |
| Balloting & Bylaws / CNW - media advisory | 0.00 | 0.00 | 0.00 | 0.00 |
| CJM Subscriptions | 1,350.00 | 1,678.00 | 1,400.00 | 1,520.00 |
| Membership in the IUMS & Other Organizations | 2,296.00 | 2,141.00 | 1,500.00 | 2,117.00 |
| Liaising & Meetings * (board Travel) | 0.00 | 888.00 | 500.00 | 1,286.00 |
| Telephone, Conference Calls, Email | 550.00 | 534.00 | 600.00 | 463.00 |
| Office Supplies | 0.00 | | 0.00 | 0.00 |
| Office Couriers | 0.00 | 0.00 | 0.00 | 0.00 |
| Office Copies | 0.00 | | 50.00 | 0.00 |
| Storage & Shredding | 180.00 | 162.00 | 162.00 | 162.00 |
| Office Postage | 0.00 | | 50.00 | 0.00 |
| Taxes & Miscellaneous | 30.00 | 30.00 | 30.00 | 60.00 |
| Under Graduate & Ambassador Awards | 500.00 | 5,630.00 | 6,000.00 | |
| Education & Careers Committee | 0.00 | | 200.00 | 0.00 |
| Student Day Support | 500.00 | 5,206.00 | 500.00 | 0.00 |
| Subtotal | 39,656.00 | 56,369.00 | 48,442.00 | 33,124.00 |

EXPENDITURES FOR ANNUAL CONFERENCE

| | | | | |
|---|------------------|-------------------|-------------------|-------------------|
| Annual Conference Expenses Facility, AV, Food & Bev, signage, equipment rental ² | 41,500.00 | 76,046.00 | 77,000 | 73,327.00 |
| Program Book | 562.50 | 4,947.00 | 4,000.00 | 3,704.00 |
| Meeting Planner Services | 0.00 | 21,300.00 | 21,000.00 | 11,560.00 |
| Speakers Expenses | 0.00 | 15,170.00 | 24,000.00 | 15,754.00 |
| Meeting Supplies (Bags) & Other Frames | 220.00 | 1,486.00 | 250.00 | 3,016.00 |
| Awards - Gold (Cangene) Armand Frappier | 2,250.00 | 1,856.00 | 900.00 | 981.00 |
| Awards - Fisher | 2,300.00 | 1,500.00 | 1,500.00 | 1,500.00 |
| Awards - CSM Murray | 1,900.00 | 1,500.00 | 1,500.00 | 1,500.00 |
| Awards - Beveridge Student Awards (Posters) | 1,500.00 | 1,500.00 | 1,500.00 | 2,000.00 |
| Awards - CSM Travel Awards (st symposia & travel) | 2,800.00 | 2,869.00 | 6,000.00 | 5,088.00 |
| Under Graduate & Ambassador Awards | | | | 1,500.00 |
| Credit Card discount fees | 0.00 | 3,179.00 | 3,500.00 | 3,138.00 |
| Website & Alerts | 0.00 | 3,035.00 | 2,500.00 | 112.50 |
| Board Travel & Other | 1,550.00 | 195.00 | 1,000.00 | 561.00 |
| Disbursement to LOC | | | | |
| Subtotal | 54,582.50 | 134,583.00 | 144,650.00 | 123,741.50 |

| | | | |
|-----------------------|-----------------------|--------------------|----------------|
| 2014 | 2013 | 2013 | 2012 |
| July Budget | Audited Budget | June Budget | Audited |
| Estimates to year end | | | |

EXPENDITURES FOR AMR2012 & EDAR SS 2013

| | | | | |
|---|-------------|------------------|------------------|------------------|
| Facility, Food & Beverage & AV & Accommodation | 0.00 | 7,000.00 | 5,949.00 | 34348 |
| Participants Travel & Accommodation | 0.00 | 9,388.00 | 15,000.00 | 23936.5 |
| Shuttle services | 0.00 | | 0.00 | 6007.5 |
| Organizer Service Contract | 0.00 | 2,015.00 | 1,950.00 | 3000 |
| Journal Publication (estimate) / Media Advisory | 0.00 | 766.00 | | |
| web site | 0.00 | 960.00 | 910.00 | |
| Credit card discount fees | 0.00 | 176.00 | | |
| Bank Charges for Wire & Money drafts | 0.00 | | 158.00 | 447 |
| Subtotal ¹ | 0.00 | 20,305.00 | 23,967.00 | 67,739.00 |

EXPENDITURES FOR Plant Vaccine WORKSHOP 2013

| | | | | |
|--|-------------|------------------|--|--|
| Speakers Expenses | 0.00 | 2,500.00 | | |
| Facility, Food & Bev & AV | 0.00 | 20,850.00 | | |
| Secretariat Service Contract | 0.00 | 1,190.00 | | |
| Website Expenses | 0.00 | 1,342.00 | | |
| Journal Publication | 0.00 | 0.00 | | |
| Credit Card Discount Fees & Bank Charges | 0.00 | 919.00 | | |
| Subtotal | 0.00 | 26,801.00 | | |

| | | | | |
|----------------------------------|---------------------|---------------------|---------------------|---------------------|
| TOTAL OF ALL EXPENDITURES | \$94,238.50 | \$238,058.00 | \$217,059.00 | \$224,604.50 |
| SURPLUS (DEFICIT)** | -\$49,902.50 | -\$11,217.00 | \$8,416.00 | \$47,137.50 |
| Net conference Profit | -\$45,282.50 | \$20,665.00 | \$17,050.00 | \$20,834.50 |

Notes to Budget:

- The AMR 2012 Workshop bank account had a balance of \$24,085.28 as of 31 Dec 2012, the EDAR SS 2013 used part of that balance to pay for the expenses. The AMR / EDAR SS Bank account balance is \$9,485.92 as of 31 Dec 2013. The balance of the bank is reported in the Statement of Financial Position (P15). Because of the accounting regulation, the left over profit from the 2012 AMR cannot be entered as revenue in 2013, that is why the AMR/EDAR SS is showing a deficit of \$14,055 in the Audited Financial Statement (P 21) which affected the bottom line for CSM and resulted in a deficit of \$11,217 in the 2013 Audited Column and in the 2013 Audited Financial Statement (P16)
- Prepaid IUMS 2014 down payment of \$7,000 each year starting 2010 - 2014 for a total of \$35,000
The 4 installment of \$28,000 are considered part of 2014 conference expenses

As of July 24, 2014, CSM Investment account balance is \$249,762 and Chequing account: \$26,383.

- 4. Secretary's Treasurer's Report cont'd**
 - b) 2013 Financial Statements Audited by Andrea Poole, CA**

CANADIAN SOCIETY OF MICROBIOLOGISTS
FINANCIAL STATEMENTS
December 31, 2013



Andrea Poole, C.A.
Licensed Public Accountant

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INDEPENDENT AUDITOR'S REPORT

To the Members of
Canadian Society of Microbiologists

I have audited the accompanying financial statements of Canadian Society of Microbiologists, which comprise the statements of financial position as at December 31, 2013 and the statements of operations, and cash flows for the year then ended, and a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

My responsibility is to express an opinion on these financial statements based on my audit. I conducted my audit in accordance with Canadian generally accepted auditing standards. Those standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

I believe that the audit evidence I have obtained in my audits is sufficient and appropriate to provide a basis for my audit opinion.

Opinion

In my opinion these financial statements present fairly, in all material respects, the financial position of the Canadian Society of Microbiologists as at December 31, 2013 and the results of its financial performance for the year then ended in accordance with Canadian accounting standards for not-for-profit organizations.

Andrea Poole, CPA, CA
Licensed Public Accountant

Ottawa, Ontario
July 17, 2014

CANADIAN SOCIETY OF MICROBIOLOGISTS
STATEMENT OF FINANCIAL POSITION
AS AT DECEMBER 31, 2013

| | <u>2013</u> | <u>2012</u> |
|---|-------------------|-------------------|
| ASSETS | | |
| CURRENT | | |
| Cash | \$ 9,267 | \$ 60,332 |
| Short-term investments | 265,488 | 143,635 |
| Accounts receivable | 1,684 | 4,172 |
| Conference deposits | <u>28,180</u> | <u>23,382</u> |
| | <u>\$ 304,619</u> | <u>\$ 231,521</u> |
| LIABILITIES | | |
| CURRENT | | |
| Accounts payable and accrued liabilities | \$ 20,166 | \$ 7,403 |
| Deferred membership and subscription fees | 1,926 | - |
| Deferred conference registrations/grants | 50,000 | 200 |
| Deferred Beveridge Award funds | <u>19,824</u> | <u>-</u> |
| | <u>91,916</u> | <u>7,603</u> |
| UNRESTRICTED NET ASSETS | | |
| Balance, beginning of year | 223,921 | 176,781 |
| Net revenue for the year | <u>(11,218)</u> | <u>47,137</u> |
| Balance, end of year | <u>212,703</u> | <u>223,918</u> |
| | <u>\$ 304,619</u> | <u>\$ 231,521</u> |

Approved on behalf of the Board:

Director

Director

CANADIAN SOCIETY OF MICROBIOLOGISTS

STATEMENT OF OPERATIONS

FOR THE YEAR ENDED DECEMBER 31, 2013

| | <u>2013</u> | <u>2012</u> |
|---|--------------------|------------------|
| REVENUE | | |
| Annual conference (Annex A) | \$ 155,247 | \$ 144,576 |
| Memberships | 31,206 | 32,103 |
| Plant vaccine workshop (Annex B) | 29,970 | - |
| AMR workshop (Annex B) | 6,250 | 92,153 |
| Subscription fees for CJM | 1,190 | 1,250 |
| Advertising and job postings | 1,125 | 200 |
| Investment income | 1,852 | 1,460 |
| | <u>226,840</u> | <u>271,742</u> |
| EXPENDITURE | | |
| Annual conference (Annex A) | 134,583 | 123,742 |
| Plant vaccine workshop (Annex B) | 26,801 | - |
| Secretariat | 22,596 | 19,700 |
| AMR workshop (Annex B) | 20,305 | 67,739 |
| Student day support | 10,835 | - |
| Website | 10,251 | 1,101 |
| Professional fees | 3,650 | 3,600 |
| Bank and credit card fees | 3,604 | 2,405 |
| Membership in other organizations | 2,811 | 2,117 |
| CJM subscription | 1,678 | 1,520 |
| Office | 380 | 2,158 |
| Liaising and advocacy | 534 | 463 |
| Miscellaneous | 30 | 60 |
| | <u>238,058</u> | <u>224,605</u> |
| NET (DEFICIT) SURPLUS FOR THE YEAR | <u>\$ (11,218)</u> | <u>\$ 47,137</u> |

CANADIAN SOCIETY OF MICROBIOLOGISTS

STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED DECEMBER 31, 2013

| | <u>2013</u> | <u>2012</u> |
|---|-------------------|-------------------|
| CASH PROVIDED BY (USED FOR) | | |
| OPERATING ACTIVITIES | | |
| Cash from operations | | |
| Net (deficit) surplus for the year - excluding interest | \$ (13,070) | \$ 45,677 |
| Interest revenue for the year | <u>1,852</u> | <u>1,460</u> |
| | <u>(11,218)</u> | <u>47,137</u> |
| Net change in non-cash working capital balances | | |
| Accounts receivable | 2,490 | 24,710 |
| Conference deposit | (4,798) | (8,382) |
| Accounts payable and accrued liabilities | 12,764 | (7,467) |
| Deferred membership and subscription fees | 1,926 | (1,457) |
| Deferred conference income | 49,800 | (7,647) |
| Deferred Beveridge Award funds | <u>19,824</u> | <u>-</u> |
| | <u>70,788</u> | <u>46,894</u> |
| INVESTING ACTIVITY | | |
| Short term investments | <u>(121,853)</u> | <u>(1,460)</u> |
| (DECREASE) INCREASE IN CASH | (51,065) | 45,434 |
| Cash, beginning of year | <u>60,332</u> | <u>14,898</u> |
| CASH, END OF YEAR | \$ <u>9,267</u> | \$ <u>60,332</u> |
| CASH AND INVESTMENTS POSITION | | |
| Cash | \$ 9,267 | \$ 60,332 |
| Short-term investments | <u>265,488</u> | <u>143,635</u> |
| | \$ <u>274,755</u> | \$ <u>203,967</u> |

CANADIAN SOCIETY OF MICROBIOLOGISTS

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2013

1. PURPOSE OF THE ORGANIZATION

The Canadian Society of Microbiologists was incorporated without share capital in 1958 under Part II of the Canada Corporations Act and is recognized as a not-for-profit organization for income tax purposes. The Canadian Society of Microbiologists seeks to advance microbiology in all its aspects and to facilitate the interchange of ideas between microbiologists. The membership includes honorary, emeritus, ordinary, student, and post doc members.

2. SIGNIFICANT ACCOUNTING POLICIES

The financial statements have been prepared in accordance with Canadian accounting standards for not-for-profit organizations.

(a) Capital assets

Capital assets purchased at a cost of less than \$2,000 are expensed in the year of purchase. The Society does not own capital assets at this time.

(b) Basis of Accounting

Revenue and expenses are recorded on the accrual basis, whereby they are reflected in the period in which they have been earned and incurred respectively, whether or not such transactions have been finally settled by receipt or payment of money.

(c) Revenue Recognition

CSM follows the deferral method of accounting for contributions. Restricted contributions are recognized as revenue in the year in which the related expenditures are incurred. Unrestricted contributions are recognized as revenue when received or receivable if the amount to be received can be reasonably estimated and collection is reasonably assured.

(e) Use of estimates

The preparation of the financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reported period. By their nature, these estimates are subject to measurement uncertainty and the effect on the financial statements of changes in such estimates in future period could be significant.

CANADIAN SOCIETY OF MICROBIOLOGISTS

NOTES TO THE FINANCIAL STATEMENTS

DECEMBER 31, 2013

3. FINANCIAL INSTRUMENTS

CSM's financial instruments consist of cash, short-term investments, accounts receivable, pre-paid expenses, accounts payable and accrued liabilities, and deferred income. The fair value of these financial instruments approximates their carrying values, unless otherwise stated.

Interest Rate Risk

Interest rate risk is the exposure of the Society's earnings that arises from fluctuations in interest rates. The Society is not exposed to significant interest rate risk arising from their financial instruments.

CANADIAN SOCIETY OF MICROBIOLOGISTS

ANNEX A

STATEMENT OF CONFERENCE REVENUE AND EXPENDITURE

FOR THE YEAR ENDED DECEMBER 31, 2013

| | <u>2013</u> | <u>2012</u> |
|---|----------------------|----------------------|
| CONFERENCE REVENUE | | |
| Registration fees | \$ 104,045 | \$ 101,054 |
| Grants | 24,700 | 24,722 |
| Exhibits and other commercial support | 17,203 | 9,700 |
| Awards support | 9,300 | 9,100 |
| | <u>155,248</u> | <u>144,576</u> |
| CONFERENCE EXPENDITURE | | |
| Facility | 76,046 | 73,327 |
| Planner | 21,300 | 11,560 |
| Speakers | 15,170 | 15,754 |
| Awards | | |
| Student symposia | 2,869 | 6,588 |
| Gold, Fisher & CSM | 4,856 | 3,981 |
| Student poster | 1,500 | 2,000 |
| Program book | 4,947 | 3,704 |
| Credit card discount | 3,179 | 3,138 |
| Website and alerts | 3,035 | 113 |
| Conference supplies and other | 1,486 | 3,016 |
| Board travel | 195 | 561 |
| | <u>134,583</u> | <u>123,742</u> |
| CONFERENCE REVENUE FOR THE YEAR PRIOR TO DISBURSEMENTS | 20,665 | 20,834 |
| DISBURSEMENT TO LOCAL ORGANIZING COMMITTEE | <u>-</u> | <u>-</u> |
| NET CONFERENCE REVENUE FOR THE YEAR | <u>\$ 20,665</u> | <u>\$ 20,834</u> |

CANADIAN SOCIETY OF MICROBIOLOGISTS

ANNEX B

STATEMENT OF WORKSHOP/SYMPOSIUM REVENUE AND EXPENDITURE

FOR THE YEAR ENDED DECEMBER 31, 2013

Plant Vaccine Workshop

| | <u>2013</u> |
|-----------------------------------|------------------------|
| REVENUE | |
| Registration fees | \$ 13,358 |
| Accommodation fees | 11,112 |
| Grants | <u>5,500</u> |
| | <u>29,970</u> |
| EXPENDITURE | |
| Facility | 20,850 |
| Speakers | 2,500 |
| Website | 1,343 |
| Secretariat support | 1,190 |
| Credit card fees and bank charges | <u>919</u> |
| | <u>26,802</u> |
| NET WORKSHOP REVENUE | <u><u>\$ 3,168</u></u> |

**Environmental Dimension of Antibiotic Resistance Satellite Symposium (2013)
Antimicrobial Resistance Workshop (2012)**

| | <u>2013</u> | <u>2012</u> |
|------------------------------------|---------------------------|-------------------------|
| REVENUE | | |
| Registration fees | \$ 6,250 | \$ - |
| Grants | <u>-</u> | <u>92,153</u> |
| | <u>6,250</u> | <u>92,153</u> |
| EXPENDITURE | | |
| Facility | 7,000 | 34,348 |
| Speakers | 9,388 | 29,944 |
| Website | 960 | - |
| Organizer service contract | 2,015 | 3,000 |
| Credit card fees and bank charges | 176 | - |
| Conference supplies and other | <u>766</u> | <u>447</u> |
| | <u>20,305</u> | <u>67,739</u> |
| NET WORKSHOP (LOSS) REVENUE | <u><u>\$ (14,055)</u></u> | <u><u>\$ 20,834</u></u> |

4. Secretary's Treasurer's Report – Ayush Kumar
c) Membership Report

As of July 18, 2014

| | 2014 Total | 2014 Renewed | 2014 New | 2013 Total | 2013 Renewed | 2013 New | 2012 Total | 2012 Renewed | 2012 New |
|--------------|---------------|-----------------|-------------|---------------|-----------------|-------------|---------------|-----------------|-------------|
| Ordinary | 245 | 225 | 20 | 274 | 229 | 45 | 283 | 255 | 28 |
| Student | 117 | 71 | 46 | 201 | 55 | 146 | 133 | 67 | 66 |
| Post-Doc | 36 | 33 | 03 | 50 | 34 | 16 | 47 | 32 | 15 |
| Emeritus | 11 | 11 | 0 | 12 | 12 | 0 | 16 | 16 | 0 |
| Honorary | 02 | 02 | 0 | 02 | 02 | 0 | 01 | 01 | 0 |
| Total | 411 | 342 | 69 | 539 | 332 | 207 | 480 | 371 | 109 |

A short historical timeline of year-end membership totals follows:

| | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| New Members | 69 | 207 | 109 | 107 | 239 | 268 | 131 | 135 | 154 | 62 |
| Renewed Members | 342 | 332 | 371 | 364 | 345 | 213 | 274 | 301 | 302 | 313 |
| Total Members | 411 | 539 | 480 | 471 | 584 | 481 | 405 | 436 | 456 | 375 |












| Province/Country | 2012 | 2013 | 2014 | Section | 2012 | 2013 | 2014 |
|-------------------------|-------------|-------------|-------------|---------------------------------------|-------------|-------------|-------------|
| Alberta | 46 | 35 | 37 | Applied & Environmental Microbiology | 191 | 215 | 159 |
| British Columbia | 69 | 40 | 36 | Infection and Immunity | 147 | 157 | 137 |
| Manitoba | 24 | 31 | 23 | Mol. Genetics & Cellular Microbiology | 142 | 167 | 115 |
| New Brunswick | 03 | 0 | 2 | Unspecified | | | |
| Newfoundland | 12 | 11 | 6 | Total | 480 | 539 | 411 |
| Nova Scotia | 10 | 8 | 6 | | | | |
| Ontario | 173 | 249 | 153 | | | | |
| PEI | 02 | 2 | 2 | | | | |
| Quebec | 69 | 103 | 90 | | | | |
| Saskatchewan | 34 | 32 | 25 | | | | |
| USA | 12 | 9 | 10 | | | | |
| Overseas | 26 | 19 | 21 | | | | |
| Total Members | 480 | 539 | 411 | | | | |

4. Secretary's Treasurer's Report
d) CSM Website Report

2013 CSM Website Summary Report

| Report: Summary - csm-scm.org | |
|--|--------------|
| Date Range: 01/01/2013 - 12/31/2013 | |
| Total Sessions | 200,509.00 |
| Total Page views | 793,649.00 |
| Total Hits | 4,131,124.00 |
| Total Bytes Transferred | 76.62 GB |
| Average Sessions Per Day | 549.34 |
| Average Page views Per Day | 2,174.38 |
| Average Hits Per Day | 11,318.15 |
| Average Bytes Transferred Per Day | 214.95 MB |
| Average Page views Per Session | 3.96 |
| Average Hits Per Session | 20.60 |
| Average Bytes Per Session | 400.69 KB |
| Average Length of Session | 00:08:56 |

2013 CSM Website Requested Pages












| Report: Requested Pages - csm-scm.org | | | |
|--|-------------------|----------------|---|
| Date Range: 01/01/2013 - 12/31/2013 | | | |
| Pages (1-10) / 826 | Page views | Percent |  |
| 1. /english/mem_directory_det.asp | 125,546 | 15.82% |  |
| 2. /english/abstracts/public/view_abs.asp | 64,382 | 8.11% |  |
| 3. /français/mem_directory_det.asp | 50,515 | 6.36% |  |
| 4. /index.asp | 48,983 | 6.17% |  |
| 5. /english/stu_studying_det.asp | 25,772 | 3.25% |  |
| 6. /rssfeed/csmEn.xml | 22,774 | 2.87% |  |
| 7. /database/meetscientist/biophotos/Andrea Kirkwood.bmp | 19,017 | 2.40% |  |
| 8. /english/wn_careers_det.asp | 18,397 | 2.32% |  |
| 9. /english/mem_directory.asp | 17,143 | 2.16% |  |
| 10. /english/wn_news_csm_det.asp | 15,170 | 1.91% |  |
| View Total: | 407,699 | 51.37% | |
| Total: | 793,649 | 100.00% | |

4. Secretary's Treasurer's Report cont'd
d) CSM Website Report

2014 CSM Website Summary Report January – July 18, 2014

| Report: Summary - csm-scm.org | |
|--|--------------|
| Date Range: 01/01/2014 - 07/18/2014 | |
| Total Sessions | 118,327.00 |
| Total Page views | 334,753.00 |
| Total Hits | 1,773,810.00 |
| Total Bytes Transferred | 47.84 GB |
| Average Sessions Per Day | 594.61 |
| Average Page views Per Day | 1,682.18 |
| Average Hits Per Day | 8,913.62 |
| Average Bytes Transferred Per Day | 246.19 MB |
| Average Page views Per Session | 2.83 |
| Average Hits Per Session | 14.99 |
| Average Bytes Per Session | 423.97 KB |
| Average Length of Session | 00:06:48 |

Requested Pages January 1 – July 18, 2014

| Report: Requested Pages - csm-scm.org | | | |
|---|-------------------|----------------|---|
| Date Range: 01/01/2014 - 07/18/2014 | | | |
| Pages (1-10) / 513 | Page views | Percent |  |
| 1. /english/mem_directory_det.asp | 53,668 | 16.03% |  |
| 2. /francais/mem_directory_det.asp | 28,900 | 8.63% |  |
| 3. /index.asp | 25,654 | 7.66% |  |
| 4. /english/stu_studying_det.asp | 15,607 | 4.66% |  |
| 5. /english/abstracts/public/view_abs.asp | 14,956 | 4.47% |  |
| 6. /english/wn_news_csm_det.asp | 10,999 | 3.29% |  |
| 7. /english/wn_careers_det.asp | 10,581 | 3.16% |  |
| 8. /english/mem_directory.asp | 8,305 | 2.48% |  |
| 9. /english/conf_registrants_details.asp | 7,759 | 2.32% |  |
| 10. /database/meetscientist/biophotos/Andrea Kirkwood.bmp | 7,255 | 2.17% |  |
| View Total: | 183,684 | 54.87% | |
| Total: | 334,753 | 100.00% | |

5. President's Report – Daniel Dubreuil

First I would like to thank Nancy Martin, Charles Dozois, Christine Szymanski, Russell Hynes, Ayush Kumar, Josie Libertucci and Karen Brassinga who have brilliantly carried out the activities of the CSM throughout the year. I am particularly thankful to have had as Secretary –Treasurer Ayush who could always make sense of numbers in little time. He is stepping down after a 3-year term. Russell Hynes this year rapidly adapted and contributed to the IUMS-CSM interface for the abstract submission and Takuji Tanaka (Tak) Chairperson for Meetings, Conferences and Workshops, was proactive in finding future annual Conference locations. Wafaa Antonious was active in reminding the members of the executive of the tasks ascribed to them as well as the deadlines. I would also like to thank Michael Hynes for revising the CSM's bylaws so the Society could adhere to the new Non for Profit Act. CSM is a successful enterprise as many dedicated members give generously their time to run and improve the Society.

I have to mention that this year was special in many ways. Actually, the annual meeting is the result of a five years financial contribution that was agreed by the executive members as per the 2009 signed contract. I have to stress the fact that the members of the executive had to go through some unexpected and unusual meeting arrangements that required more time and energy from all members of the executive. I would like to again thank all for the timely monthly teleconference calls and the work performed over a period of 14 months. I am convinced that this year's meeting will meet high scientific standards and it will be a great showcase for Canadian microbiology.

July 31st Charles Dozois will take over as president, Christine Szymanski will be moving up to 1st VP, and Chris Yost, University of Regina, has been nominated for the 2nd VP position. Many thanks go to Nancy Martin who is finishing her 4-year term on the Executive. Nancy is greatly devoted to CSM and I am sure we will have the pleasure to meet her at future annual meetings. Josie is also stepping down as CSM's Graduate Student Representative. She will be replaced by Ryan Buensuccesso from McMaster University.

This year we have been contacting written and oral media to indicate that CSM can be in the front line when microbiology is the topic of interest. For this purpose we have indicated to CSM members to make sure they update their profile in the directory. This directory can be a precious tool when it comes to finding a specialist in a precise microbiology domain. Science Media Centre of Canada has contacted us a few times since then.

CSM has been particularly active in promoting microbiology toward students by sponsoring research events in various microbiology departments. The number of request has attained a peak this year. The events sponsored are: International Genetically Engineered Machine (iGEM jamboree)(October, 2013), Toronto;); Institut Armand-Frappier (November 2013); Infection and Immunity Research Forum, London (November 2013); Prairie University Biology Symposium, Regina (February 2014); Département de microbiologie, d'infectiologie et immunologie, Université de Montréal (March 2014); Careers Night, Ryerson University (Planned for September 2014).

Our CSM Graduate Ambassador Award recipients have well represented CSM. Alexander Hynes gave presentations at Dalhousie (November 2013) and Mc Gill (January 2014) Universities. Juliana Yeung has been promoting CSM at the University of Victoria as well as Mc Gill University.

6. 1st Vice President Report – Charles Dozois

Presented orally

7. Past President Report – Nancy Martin

Daniel Dubreuil has effectively carried the Society forward this past year and my role was to offer support, advice, or assistance as necessary. The financial status of the Society is solid, despite a potentially disappointing financial return on this year's joint meeting. In any case, the science at the meeting will be outstanding and that's what we are here to focus on. My participation in The Partnership Group for Science and Engineering PAGSE tapered off this spring with Dr. Thien Fah Mah (U. of Ottawa) taking over this role. We had several interesting and informative meetings with guests such as Marc Saner, Director, Institute for Science, Society & Policy, Ted Hewitt, Executive Vice President, Social Sciences and Humanities Research Council, and Elizabeth Dowdeswell, President and CEO, Council of Canadian Academies, as well as preparing a Parliamentary Brief to Industry Canada's Consultation on Science and Technology. I have continued to participate in the implementation of the Human Pathogens and Toxins Act (HPTA). The 1st edition of the Canadian Biosafety Standards and Guidelines was published in 2013 and this document summarizes the implementation of the HPTA. These regulations have significant impact on how microbiology research is carried out in Canada and it is important for all researchers to continue to be involved.

Moving off the CSM Executive this year brings to a close a 4 year experience that included working with my colleagues on some tough, some exciting, some banal and some more time consuming than one would like issues. However, the aspect of this time that has most impressed me is the willingness of a core group of Canadian Microbiologists to expend a significant effort to see their Society flourish. My hat (or fascinator, actually) is off to this group of people. You know who you are!

8. Meetings Secretary's Report – Russell Hynes

The 2014 annual CSM conference was jointly run with the International Union of Microbiological Societies (IUMS). Abstract management was delegated to a professional meeting service; consequently the CSM meeting secretary duties for this conference were negligible.

9. Meetings Conferences and Workshops

a) Report on 2013 Conference – Ashkan Golshani, 2013 Ottawa Conf. Chair Presented by Wafaa Antonious

The CSM 2013 Annual Conference was held at Carleton University, Ottawa, ON from 17 – 19, 2013. The conference was held at the newly built River building which is a conference facility with 400 theatre capacity lecture hall equipped with the latest audio visual equipment.

The local organizing committee was comprised of members from Carleton, Ottawa Universities, Health Canada, National Research Council and the Canadian Food & Inspection Agency. The conference hired the services of the CSM Secretariat, Mrs. Wafaa Antonious, Rofail Conference and Management Services, to provide support in the conference planning and logistics. I would like to acknowledge the efforts and time of all of those who helped to make the CSM 2013 Carleton University Conference a success.

The CSM 2013 Ottawa meeting was well attended with 413 participants presenting their research with 338 abstracts through oral and poster presentations. A total of 61 abstracts were presented through seven symposia, 3 section symposia, 3 award lectures, 2 student symposia competitions and for the first time a symposium dedicated to the post-doctoral fellows. The 2013 Ottawa conference is proud to be able to invite two keynote speakers, which is not an easy task to accomplish. 27 speakers were invited to present their work of which 18 were Canadian and 9 non Canadian researchers well known in their field of research. The conference followed a satellite symposium on Environmental Dimension of Antibiotic Resistance.

The conference detailed financials are listed in the 2013 financial audited statement that will be presented at the Council and AGM meetings. The 2013 audited statement is showing a total of \$155,248 collected in revenue and \$134,583 paid in expenses providing a net profit of \$20,665 which would support CSM's other operations and initiatives. I would like to thank the CSM for providing me and the Ottawa 2013 Local Organizing Committee the opportunity to show case Canadian science and what the Ottawa research community can offer.

9. Meetings Conferences and Workshops

b) Report on 2014 Conference – Prepared by Pierre Talbot, Presented by Charles Dozois

1. Introductory Remarks

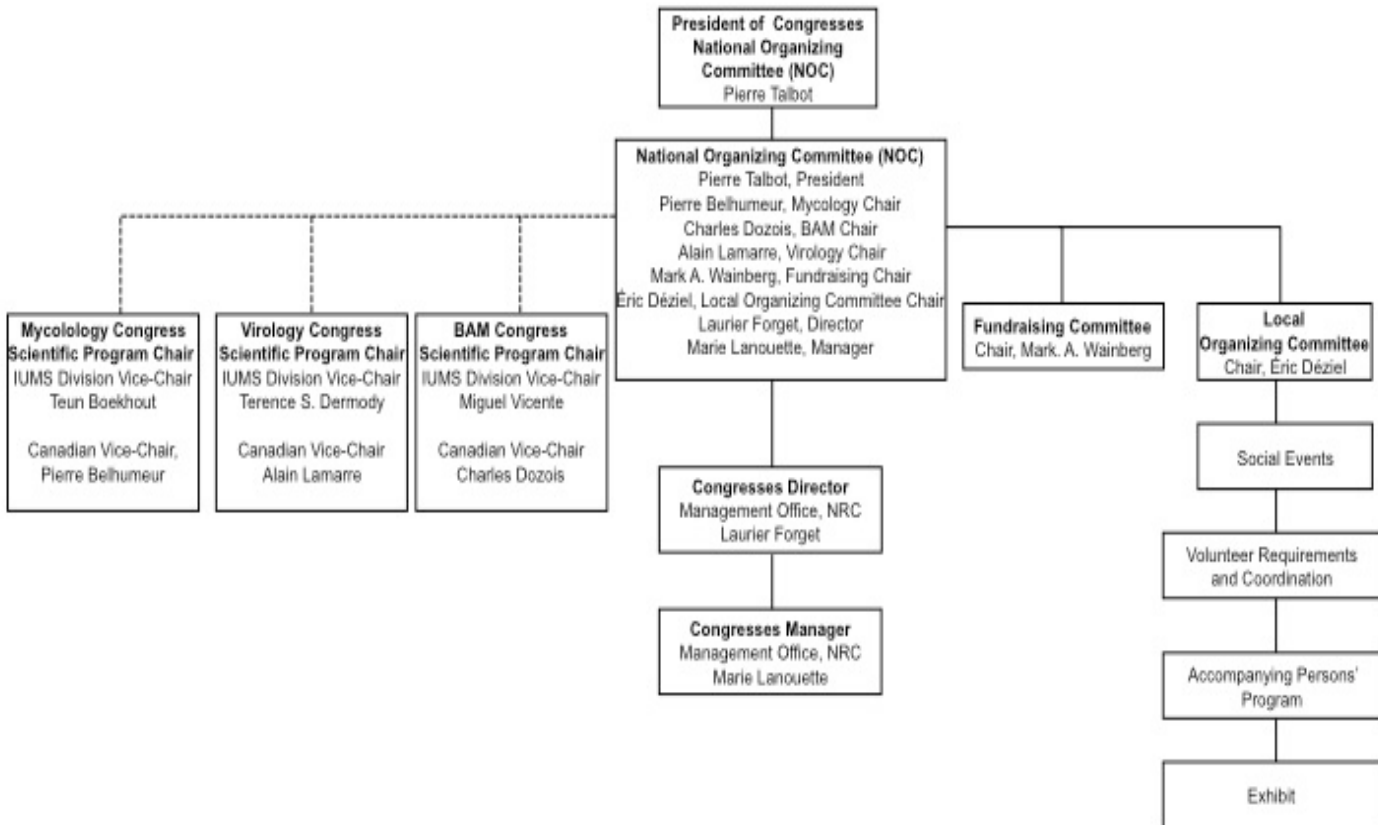
I had the honour to be mandated by the Canadian Society of Microbiologists (CSM), of which I have been a member for more than 30 years and president two decades ago, to prepare and present a bid for holding the three International Union of Microbiological Societies (IUMS) congresses, which are held every three years, in Montréal, in 2014, with CSM as the host society (and member of IUMS) and the help of the National Research Council (NRC) Conference Office. The last time an IUMS congress was held in Canada was the International Congress of Virology in Edmonton in 1987.

Our bid was presented to the IUMS Executive Board in Istanbul, in 2008, where it won the international competition, a clear indication of the outstanding status of microbiology in Canada. Seven years (2007-2014) of detailed planning and hard work by local, national and international microbiologists have led to this week's international event, IUMS 2014, bringing together thousands of delegates to discuss the latest advances in all aspects of microbiology. As Vice-President of IUMS whose main task was to link with the National Organizing Committee, this was rendered overall much easier by my function of President of the National Organizing Committee...

2. National Organizing Committee (NOC)

The National Organizing Committee for IUMS 2014 held twenty-one formal meetings between May 2009 and July 2014, in addition to many meetings and discussions, in person and online, and various activities of Committee members. A reminder of the congress organizational chart follows:

International Union of Microbiological Societies
 July 27, August 1, 2014, Montréal
 Congress Organizational Chart



3. Scientific Program

The three Chairs: Bacteriology and Applied Microbiology (BAM): Miguel Vicente, Mycology and Eukaryotic Microbiology (MEM): Teun Boekhout, Virology (VIR): Terry Dermody, and Vice-chairs (BAM: Charles Dozois, MEM: Pierre Belhumeur, VIR: Alain Lamarre) of the scientific program committees working with Canadian and International Advisory Boards, using roughly the same guidelines, put together an outstanding scientific program for IUMS 2014, with five morning keynote sessions (plenary for each division) and four afternoon concurrent workshop sessions, as well as four all-day poster sessions with viewing time in the presence of authors around lunch time (11 - 12 pm and 12 - 1 pm).

As an acknowledgment that IUMS 2014 does cover all aspects of microbiology we took the following actions: 1) add Eukaryotic Microbiology to Mycology; 2) Trans-disciplinary plenary Bridging Sessions on Monday to Wednesday from 1 to 2:30 pm (Emerging Infectious Diseases and Zoonoses, Vaccines and Anti-Microbials, Host-Pathogen and Host-Cell Interactions). At the same time on Thursday, we have a plenary Nobel Session with Aaron Ciechanover (Ubiquitin proteolytic system) and Rolf Zinkernagel (Immunological recognition of viruses).

On top of that, the NOC arranged for an opening scientific lecture on Sunday by Julian Davies, Canada (“Living in a microbial universe”), and a closing scientific lecture on Friday by Philippe Sansonetti, France (“Gut microbiota: after metagenomics, experimentomics”). This latter conference will also serve as the opening event for a networking event reserved for members of the International Network of Pasteur Institutes, to which belongs my home institution, INRS-Institut Armand-Frappier.

4. Financial Assistance to Students and Post-Doctoral Fellows

Financial assistance consisted in a waiver of registration fees plus an amount of \$500 or \$1000 CAD. Of the 369 applications, we were able to provide 76 financial assistance packages (BAM: 46, MEM: 8, VIR: 22) with a total budget of \$100,000. Of note, more than two-thirds of the financial assistance package went to delegates from developing countries.

5. Marketing

This included a website and presence on social media, electronic mailing lists, visibility and promotion at various scientific meetings, advertisement in scientific journals and a scientific poster distributed to universities worldwide. I take this opportunity to thank CSM for promoting IUMS 2014.

6. Sponsorship and Exhibitors (Chairs: Mark Wainberg and Eric Déziel, respectively)

This aspect of IUMS 2014 was crucial for NOC’s financial health. Even though it was very time-consuming and somewhat difficult, we report fundraising results of close to \$200,000 CAD, as well as the on-site presence of more than 30 exhibitors. Again, the contribution of CSM is gratefully acknowledged.

7. Local Arrangements (Chair: Éric Déziel)

The Local Organizing Committee has largely defined the main aspects of the non-scientific program: social activities (Sunday’s opening ceremony with *Carpe Diem* Circus cultural attraction surrounding welcome speeches, opening scientific lecture, and welcome reception; Thursday’s Banquet dinner; Friday’s closing ceremony, scientific lecture and closing remarks, as well as a promotion of IUMS 2017, Singapore), accompanying persons touristic program (please do note that the latest creation from *Cirque du soleil, Kurios*, has recently left Montreal but does play in Quebec City from July 24 to August 17). Also, more than 70 volunteers are at work and will be visible all week with their red T-shirts on which “Volunteer” will be visible. Each has specific task.

8. Delegates

We can report at this time about 2,000 delegates from 86 countries, with the breakdown as follows:

IUMS 2014 - (as of July 16, 2014)

Participant

Before early-bird registration : 674

After early-bird registration : 116 790

Post-doc

Before early-bird registration : 135

After early-bird registration : 18 153

Student

Before early-bird registration : 427

After early-bird registration : 65 492

Complimentary

Speaker : 199

Other : 2

Postdocs : 22

Student : 48

Volunteer : 74 345

Total: 1780

Social Activities

Welcome Reception : 1780

Banquet : 534

Countries

| | |
|------------|----|
| Algeria | 8 |
| Argentina | 7 |
| Australia | 32 |
| Austria | 2 |
| Bangladesh | 3 |
| Belgium | 4 |
| Brazil | 52 |
| Cambodia | 1 |
| Cameroon | 5 |

| | |
|----------------------------------|-----|
| Canada | 556 |
| <i>Alberta</i> | 26 |
| <i>British Columbia</i> | 32 |
| <i>Manitoba</i> | 21 |
| <i>Newfoundland and Labrador</i> | 4 |
| <i>Nova Scotia</i> | 11 |
| <i>Ontario</i> | 162 |
| <i>Prince Edward Island</i> | 1 |
| <i>Québec</i> | 273 |
| <i>Saskatchewan</i> | 26 |

| | |
|----------------|-----|
| Central Africa | 1 |
| Chile | 6 |
| China | 53 |
| Columbia | 4 |
| Croatia | 1 |
| Cuba | 6 |
| Czech Republic | 10 |
| Denmark | 5 |
| Egypt | 2 |
| Estonia | 3 |
| Ethiopia | 2 |
| Finland | 5 |
| France | 63 |
| French Guiana | 1 |
| Germany | 30 |
| Ghana | 6 |
| Greece | 1 |
| Grenada | 1 |
| Guadeloupe | 1 |
| Honduras | 1 |
| Hong Kong | 2 |
| Hungary | 15 |
| India | 26 |
| Indonesia | 2 |
| Iran | 4 |
| Iraq | 1 |
| Ireland | 3 |
| Israel | 11 |
| Italy | 12 |
| Ivory Coast | 1 |
| Japan | 185 |
| Kazakhstan | 3 |
| Kuwait | 2 |
| Latvia | 2 |
| Lithuania | 1 |
| Madagascar | 1 |
| Malaysia | 2 |
| Mexico | 29 |
| Mongolia | 1 |
| Morocco | 3 |
| Netherlands | 18 |
| New Zealand | 5 |
| Nigeria | 42 |
| Pakistan | 3 |
| Peru | 1 |
| Philippines | 4 |

| | |
|--------------------------|------|
| Poland | 7 |
| Portugal | 3 |
| Puerto Rico | 4 |
| Qatar | 2 |
| Russia | 6 |
| Saudi Arabia | 12 |
| Senegal | 2 |
| Singapore | 12 |
| Slovak Republic | 2 |
| Slovakia | 6 |
| Slovenia | 5 |
| South Africa | 22 |
| South Korea | 63 |
| Spain | 17 |
| Sweden | 10 |
| Switzerland | 12 |
| Taiwan | 40 |
| Thailand | 6 |
| Tunisia | 1 |
| Turkey | 8 |
| Uganda | 1 |
| United Kingdom | 48 |
| United Arab Emirates | 3 |
| Uruguay | 3 |
| United States of America | 229 |
| Uzbekistan | 1 |
| Venezuela | 1 |
| Yemen | 1 |
| Zaire | 1 |
| Zimbabwe | 1 |
| Total countries: | 86 |
| Total delegates: | 1780 |

9. Lessons to be considered for future meetings

When we started working on IUMS 2014, we had a conservative estimate of the number of delegates to be around 4,000 and the fundraising efforts to represent as high as \$400,000 CAD. The following circumstances that we had not anticipated, led to a final result representing half of those two numbers:

- ✓ Funding situation for microbiologists and scientists in general is currently difficult in several countries, limiting attendance to scientific congresses;
- ✓ Notoriety of IUMS for potential delegates, exhibitors and sponsors remains to be much improved: currently, IUMS congresses seem to still remain under the radars for most North American scientists;
- ✓ Having three congresses which are meetings of the three IUMS divisions remains a challenge. We propose that having an “International Congress of Microbiology” without disciplinary

borders might enhance the marketing potential for delegates, exhibitors and sponsors, and might favor cross-fertilization between microbiologists;

- ✓ The ASM situation, this huge association not currently member of IUMS and having their annual congress in May (this year in Boston, within driving distance from Montreal, with several thousands of delegates) currently means that future IUMS congresses should avoid North American destinations (only 229 USA citizens registered for IUMS 2014!). Our experience strongly suggests that coordination between these two generalistic meetings (ASM and IUMS) is obligatory. Although Steve Lerner and myself (as the two Vice-Presidents of IUMS) did try to establish such a partnership with ASM through Jason Rao, ASM Director of international Affairs, there was clear reluctance on the part of ASM and the feeling was that IUMS was not considered in their decision making.

10. Closing remarks

On behalf of the National Organizing Committee, I am very proud and humbled to present this report on IUMS 2014 to CSM. We did face numerous challenges and I strongly feel that the result is impressive and the best anyone could have accomplished in the same situation. Our scientific event has all the ingredients to be a resounding success with high impact on all aspects of microbiology.

Of note, this “International Congress of Microbiology” does provide a unique opportunity to internationally showcase the excellence in microbiology research and related activities done by members of CSM and Canadian microbiologists in general. Incidentally, of the close to 600 Canadians registered in IUMS 2014, it seems that only a third are currently CSM members, which I believe represents an opportunity to significantly increase CSM membership in the future. Moreover, the IUMS 2014 National Organizing Committee has worked hard to satisfy the legitimate wish of CSM to hold a variety of their annual events during IUMS 2014.

In conclusion, this is a special year for CSM, the Canadian host society for this unique international event. Let us make the most of it!

11. Finances

The financial aspects of IUMS 2014 are presented on the next page. Given circumstances described in item 9 above, IUMS 2014 will unfortunately not be the financially profitable event that we all had hoped and even expected, myself included. However, I strongly believe that this is compensated by the unique showcasing of Canadian microbiology to the world, which will surely have lasting impact for years to come. As I mentioned at last year’s CSM banquet, during my presentation of “A short history of Microbiology in Canada”: *“a lot of things will happen”*. I am convinced that Robert G.E. Murray and Armand Frappier would have been very proud.

International Union of Microbiological Societies 2014

The Three Divisions
 XIV International Congress of Bacteriology and Applied Microbiology
 XIV International Congress of Mycology
 XVI International Congress of Virology

July 27 - August 1, 2014

Montreal

Preliminary Budget

(as of July 14, 2014)

Summary

| EXPENDITURES | Feb 7, 2014 | REVISED | NEW PROJECTED | ACTUAL |
|--|------------------|-----------------|------------------|-----------------------|
| Subcontractor | | | | |
| 100 Exhibits | 27,000 | -6,000 | 21,000 | \$0.00 |
| 200 Rentals | 359,000 | -30,000 | 329,000 | \$128,926.95 |
| 300 Shipping (Conference Material to/from) | 3,000 | 0 | 3,000 | \$0.00 |
| 400 Marketing | 61,000 | 0 | 61,000 | \$58,563.61 |
| 500 Contracting Services | 165,000 | -28,000 | 137,000 | \$80,075.89 |
| 600 Media Relations Centre | 10,000 | -8,000 | 2,000 | \$0.00 |
| 700 Graphic Design | 10,000 | 0 | 10,000 | \$5,695.00 |
| 800 Translation | 4,000 | 0 | 4,000 | \$2,140.82 |
| Materials & Supplies | | | | |
| 2000 Publications (Printing) | 42,220 | 0 | 42,220 | \$11,265.25 |
| 2100 Postage | 6,200 | 0 | 6,200 | \$3,265.13 |
| 2200 Signage | 9,500 | -3,000 | 6,500 | \$295.00 |
| 2300 Materials and Supplies | 24,800 | -4,450 | 20,350 | \$6,491.80 |
| Travel & Hospitality | | | | |
| 3000 Social Functions | 336,000 | -32,000 | 304,000 | \$87,455.43 |
| 3100 Tours (self-financing) | 0 | 0 | 0 | \$0.00 |
| 3200 Travel Expenses | 40,000 | -4,000 | 36,000 | \$11,375.23 |
| 3300 Travel Expenses (NRC) | 35,000 | 0 | 35,000 | \$16,956.84 |
| 3400 Accompanying Persons Program (self-financing) | 0 | 0 | 0 | \$0.00 |
| 3500 Student Travel Fellowship | 66,000 | 0 | 66,000 | \$65,500.00 |
| Other Expenses | | | | |
| 4000 IUMS Levy on Registration | 97,500 | -36,950 | 58,150 | \$0.00 |
| 4100 Contingency | 0 | 0 | 0 | \$0.00 |
| Management Fee | | | | |
| 5000 Administrative Assistance | 148,000 | -50,000 | 98,000 | \$46,634.63 |
| 5100 Website Management | 50,500 | 4,263 | 54,763 | \$44,077.78 |
| 5200 CSO Management Fees | 500,000 | -75,000 | 425,000 | \$321,541.50 |
| Total Expenditures | 1,994,720 | -273,137 | 1,719,183 | \$890,260.86 |
| REVENUE | | | | |
| Registrations Fees | 1,530,000 | -594,800 | 935,200 | \$948,616.65 |
| Tours(self-financing) | 0 | 0 | 0 | \$0.00 |
| Commercial Exhibits (30 x \$2750) | 96,250 | -13,750 | 82,500 | \$79,379.33 |
| Sponsorships /Fundraising | 200,000 | -69,000 | 131,000 | \$56,500.00 |
| Banquet (1,000 x \$85) | 85,000 | 0 | 85,000 | \$45,381.00 |
| Tourism Montreal (Rebate) - \$10 per room per night) | 50,000 | 0 | 50,000 | \$0.00 |
| TOTAL REVENUE | 1,961,250 | -677,550 | 1,283,700 | \$1,133,976.98 |
| Surplus (deficit) | -33,470 | -404,413 | -435,483 | \$243,716.12 |

9. Meetings Conferences and Workshops

c) Progress Report on 2015 Conference - Chris Yost

My apologies for not being able to provide this update in person to the CSM Executive however family commitments precluded my attendance at CSM this year. The planning for CSM 2015 annual conference is underway and I have summarized briefly some of our activities to date:

The local organizing committee consists of myself, Andrew Cameron and John Stavrinides. We also have enlisted Aaron White (VIDO and U of Saskatchewan) and David Alexander (Saskatchewan Disease Control Laboratory) to help with the scientific program.

The rooms for the plenary lectures, award lectures, concurrent sessions and student oral competition have been secured. The rooms for the concurrent sessions are in a recently constructed building and the lecture theater to be used for all other events was recently renovated. Therefore we are able to provide excellent audio and visual and seating for participants. The rooms' bookings are free of charge because the conference is locally organized and is therefore considered an internal event by U of R administration. This will provide savings in for our budget.

The poster sessions, vendor booths and lunch will occur in the U of R large main gym. Box lunches will be provided. The large space will provide convenience for both vendors and poster displays. Our model for the poster sessions follows a similar design from the CSM conference in McMaster University. We found this format to be effective in providing maximum exposure for both vendors and poster presenters.

I have attached a draft of the program at a glance to provide an overview of each days' activities. I have also attached a draft of the scientific themes. The content reflects LOC interests and also recognizes the strategic areas of interest to the Saskatchewan government related to agriculture, energy and infectious disease concerns in northern communities (i.e. tuberculosis and need for new antibiotics to combat resistant infections). The LOC hopes to use this to our advantage when leveraging funds from the Saskatchewan Health Research Foundation, Ag Bio-West, Saskatchewan Pulse Growers Association and the Ministry of Agriculture. We have begun to identify potential speakers and to send out our invitations for each session. We plan to keep the final two slots in each session open, providing an opportunity to select speakers from the submitted conference abstracts.

We are currently finalizing our projected budget. Our registration fees will be consistent with CSM conferences in recent history. We will provide a finalized budget projection to the CSM Executive at the end of August.

Similar to the CSM annual conference at Carlton University, we will host a satellite symposium in the topic of microbial plant inoculants. The satellite symposium's organizing committee is Ivan Oresnik (Chair), Trevor Charles, and Chris Yost. The symposium will take place on Sunday June 14, 2015 and a main source of funding from the NSERC Workshop grant.

I hope this provides an adequate progress report for the CSM Executive. I look forward to providing frequent updates to the Executive and if you have any questions please contact me.

Program at a Glance: June 15 to June 18, 2015

| TIME | MONDAY | TUESDAY | | WEDNESDAY | | THURSDAY | |
|-------|--|---------------------------------|----------------------|--------------------------------------|----------------------|---------------------------------------|---------|
| 8:00 | Pre-conf. Workshop cont. | Poster set-up | | | | | |
| 8:30 | | | | | | | |
| 9:00 | CSM Exec meeting- RIC 5th floor board room | Symposium I | Symposium II | Symp III | Symp IV | Symp V | Symp VI |
| 9:30 | | | | | | | |
| 10:00 | | | | | | | |
| 10:35 | | Coffee | | Coffee | | Coffee | |
| 11:00 | CSM Council meeting- RIC 5 th floor | Symposium I | Symposium II | Symp III | Symp IV | Symp V | Symp VI |
| 11:30 | | | | | | | |
| 12:15 | | Lunch | | AGM- Lunch | | Lunch | |
| 12:30 | | | | | | | |
| 13:00 | Registration Begins | | | | | | |
| 13:30 | | | | | | | |
| 14:00 | | Student Award Competition II | | Coffee | | | |
| 14:30 | | | | | | | |
| 15:00 | Opening Welcome | Coffee | | | | | |
| 15:30 | Keynote Lecture | Poster Session I | Vendor Exhibition | Poster Session II | Vendor Exhibition | Fisher Scientific Award Lecture | |
| 16:00 | | | | | | | |
| 16:30 | CSM Murray Award | | | | | Closing and Invitation to Waterloo | |
| 17:00 | | | | | | | |
| 17:30 | Opening reception | Student Evening Event | | <i>Bushwackers Brewery Tour?</i> | | | |
| 18:00 | | | | | | Banquet | |

Draft Scientific Themes

| | |
|-----------------|---|
| Monday, June 14 | Activity |
| 9:00-11:00 | CSM Executive Meeting |
| 11:00-12:00 | CSM Council Meeting |
| 12:00 | Registration Opens |
| 15:00-16:00 | Official Opening and Welcome Keynote Lecture: <i>David Guttman or Nancy Moran?</i> |
| 16:00-17:00 | CSM Murray Award Distinguished Achievement |
| 17:30 | Opening Mixer/Welcome Reception |

| | | |
|------------------|---|---|
| Tuesday, June 15 | MGCM | A&E |
| 9:00 – 10:35 | <p>Symposium I: Gene Regulation: Emerging Topics Chairs: Michael Surrette & Andrew Cameron</p> <p>9:00 Michael Surrette, McMaster <Title></p> <p>9:45 Aaron White, Saskatchewan <Title></p> <p>10:10 name, university <Title></p> | <p>Symposium II: Microbes and Energy? Chairs:</p> <p>9:00 name, university <Title></p> <p>9:45 name, university <Title></p> <p>10:10 name, university <Title></p> |
| 10:35 - 11:00 | Coffee | |
| 11:00 - 12:15 | <p>Symposium I: Gene Regulation: Emerging Topics</p> <p>11:00 name, university <Title></p> <p>11:25 name, university <Title></p> <p>11:50 name, university <Title></p> | <p>Symposium II</p> <p>9:00 name, university <Title></p> <p>9:45 name, university <Title></p> <p>10:10 name, university <Title></p> |
| 12:15 - 13:30 | Lunch | |

| | | |
|--------------------|---|--|
| Wednesday, June 16 | I&I | A&E |
| 9:00 – 10:35 | <p>Symposium III: Tuberculosis Chairs: David Alexander,</p> <p>9:00 <Title></p> <p>9:45 David Alexander, Saskatchewan Disease Control Laboratory <Title></p> <p>10:10 name, university <Title></p> | <p>Rhizosphere Microbiome: Good, Bad and the Ugly Chairs: Chris Yost, Ivan Oresnik</p> <p>9:00 name, university <Title></p> <p>9:45 name, university <Title></p> <p>10:10 name, university <Title></p> |
| 10:35 - 11:00 | Coffee | |
| 11:00 - 12:15 | <p>Symposium III</p> <p>11:00 name, university <Title></p> <p>11:25 name, university <Title></p> <p>11:50 name, university <Title></p> | <p>Symposium IV</p> <p>11:00 name, university <Title></p> <p>11:25 name, university <Title></p> <p>11:50 name, university <Title></p> |
| 12:15 - 13:30 | Lunch | |

| | | |
|-------------------|---|--|
| Thursday, June 17 | MGCM | I&I |
| 9:00 – 10:35 | <p>Symposium V: Mobilome Chairs:</p> <p>9:00 Eva Top?, University of Idaho <Title></p> <p>9:45 name, university <Title></p> <p>10:10 name, university</p> | <p>Symposium VI: New antimicrobial therapies Chairs: John Stavrindes</p> <p>9:00 name, university <Title></p> <p>9:45 name, university <Title></p> <p>10:10</p> |

| | | |
|---------------|--|---|
| | <Title> | name , university <Title> |
| 10:35 - 11:00 | Coffee | |
| 11:00 - 12:15 | Symposium V 11:00 name , university <Title> 11:25 name , university <Title> 11:50 name , university <Title> | Symposium VI 11:00 name , university <Title> 11:25 name , university <Title> 11:50 name , university <Title> |
| 12:15 - 13:30 | Lunch | |

9. Meetings Conferences and Workshops

d) Report on EDAR SS 2013 – Ed Topp

The Environmental Dimension of Antibiotic Resistance Satellite Symposium was held June 16 & 17, 2013 at Carleton University's newly built River building. The EDAR SS preceded the CSM 2013 Annual Conference. The symposium through a series of invited keynote presentations, provided a comprehensive overview of various facets of antibiotic resistance as mediated through the environment. Furthermore, symposium attendees had the opportunity through platform and poster presentations to present the latest Canadian research on environmental AR. The symposium did not discuss AR development in human medicine or veterinary medicine or transmission between these sectors through the food chain, as those aspects are well covered in other venues.

A total of 86 registered for the EDAR SS of which 56 were students and 30 regular members. 14 speakers were invited to give presentations, 6 were Canadian and 8 non Canadian. A total of 27 abstracts were presented 14 from the invited speakers, 8 poster presentations and 13 presented orally from the submitted abstracts. Financial information are included in the 2013 Audited financial statement.

e) Report on Plant Made Vaccine Workshop – Ed Topp

The Plant Made Vaccine Workshop was held at the Ivey Spencer Leadership Centre, London, ON from September 22 – 25, 2013. This workshop was by invitation only. Around 40 were invited to participate in the workshop. The workshop was composed of 5 sessions: 1) Antimicrobial resistance and alternatives in food animal production; 2) Regulation and commercialization of vaccines; 3) Vaccine efficacy and administration method; 4) Plants for the production of vaccines; 5) Protein purification and vaccine formulation.

Financial information are included in the 2013 Audited financial statement.

9. Meetings, Conferences and Workshops

f) Future Conferences – Takuji Tanaka

In the last year's meeting, we encouraged Dr. Saleh to seek more extent of microbiologist network in Northern Ontario to host the meeting in Sudbury in 2016. Unfortunately the network has not been completed by the spring of 2014, and I ask him to continue constructing the network and further pushed the meeting in Sudbury for an unspecified future year.

Instead I initiated to talk the possibility with University of Toronto. Drs. Trevor Moraes and Alex Ensminger agreed to host the meeting in 2016 at, St George Campus (Downtown Toronto). I encourage them to seek the collaboration with Ryerson and two other campuses of U of T for this opportunity. They are currently developing the proposal of the meeting 2016.

The sites for the Annual General Meeting for the Canadian Society of Microbiologists have been set through to 2018.

2014 – Montreal in conjunction with the IUMS Conference July 27-August 1.

Pierre Talbot, President of Congresses National Organizing Committee (NOC)

(Pierre.Talbot@iaf.inrs.ca)

Pierre Belhumeur, Chair of NOC, International Congress of Mycology

(Pierre.Belhumeur@umontreal.ca)

Charles Dozois, Chair of NOC, International Congress of Bacteriology and Applied Microbiology

(Charles.Dozois@iaf.inrs.ca)

2015 – University of Regina, Regina, Saskatchewan, LOC chairperson Dr. Chris Yost

(chris.yost@uregina.ca)

2016 - University of Toronto, Toronto, Ontario, LOC Chairpersons Drs. Trevor Moraes

(trevor.moraes@utoronto.ca) and Alex Ensminger

2017 - University of Waterloo, Waterloo, Ontario, LOC Chairperson Dr. Josh D. Neufeld

(jneufeld@uwaterloo.ca)

2018 – University of Manitoba, Winnipeg, Manitoba, contact parson, Dr. Ivan Orsenik,

ivan.oresnik@umanitoba.ca

For 2019, I will seek a willing group in the Ontario-Québec corridor area between Québec City and Windsor, and potentially we can consider Laurentian University for 2020.

10. Student Representative Report – Josie Libertucci

Graduate Student Representative

This year I have been working on an initiative with graduate students from Ryerson University, (Toronto, Ontario) which focuses on creating an event for microbiology graduate students to learn more about careers in microbiology outside of academia. The aim of this event is twofold. First, we want to provide resources about different careers to Canadian microbiology graduate students and secondly, we wish to provide a casual platform to promote networking with industry leaders in microbiology. This event is tentatively planned to take place in the fall and may potentially move to a web-based format that would allow for all graduate CSM members across Canada to participate. This past year was also my last year as the National Graduate Student Representative for the CSM. After a

three-year term, Ryan Buensuceso from McMaster University will be filling the position as graduate student representative. I wish Ryan all the best, and a great term with the CSM! I would also like to take this opportunity to thank the CSM executive for a wonderful three years and for providing me with the opportunity to meet and work with microbiologists from across Canada.

11. New Members of the Executive & Council

Christopher Yost 2nd Vice President:

Christopher K. Yost, PhD is a Professor with the Biology Department at the University of Regina. He received his PhD. in the Biological Sciences Department at the University of Calgary in 1998, and has experience as a research scientist with Agriculture and Agri-food Canada (Lacombe Research Centre, Lacombe, Alberta) and as a research associate at the University of Aarhus (Aarhus, Denmark). Dr. Yost is a Tier II Canada Research Chair in Microbes, The Environment and Food Safety. His research interests are focused on agricultural topics and include plant-bacteria interactions and the movement of enteric pathogens from the environment to food. His current research activities in plant-bacteria interactions include the characterization of genetic networks involved in the cell envelope development in *Rhizobium* and genetic networks involved in rhizosphere colonization. His research interests in food safety include fecal source tracking for irrigation water protection and improving fresh produce food safety. Dr. Yost is an active, engaged member of the CSM. He has contributed previously as section Co-Chair and Chair for the Applied and Environmental Microbiology division. He has also frequently volunteered as a judge for the student oral and poster competitions.



Ryan Buensuceso Student Rep:

Ryan Buensuceso is a PhD student at McMaster University in the department of Biochemistry and Biomedical Sciences, under Dr. Lori Burrows. His research focuses on the chemotactic regulation of twitching motility in *Pseudomonas aeruginosa*.

Ryan was born in the small town of Pincourt, Quebec, west of Montreal. He graduated with a BSc in Microbiology and Immunology from McGill University in 2008. Following this, he moved to London, ON and received his MSc in Microbiology and Immunology from The University of Western Ontario in 2011. In September of that year, he began his PhD studies in the Burrows Lab at McMaster University.



Outside the laboratory, Ryan is a board game enthusiast and avid Ultimate Frisbee player, having represented both the Hamilton Ultimate Club and McMaster University Ultimate Frisbee.

12. Reports from the Section

a) Applied & Environmental Microbiology (AEM) – Peter Dunfield, Chair & Josh Neufeld, Vice Chair

Unlike previous years, the AEM Chair and Incoming Chair did not receive or evaluate abstracts. The Chair and Incoming Chair evaluated extended abstracts this year for inclusion in the poster competition. Although these were an improvement over simple abstract submissions in previous years, the structure and content were highly variable; the quality of posters was deemed very poor overall. We recommend inclusion of at least three data displays (figures and/or tables) that would be suitable for publication in the Canadian Journal of Microbiology (i.e., following instructions to authors), to help evaluate data that will be included in the poster. This suggestion would be beneficial for the student oral competition as well.

Josh Neufeld will begin his term as Chair for two years. We have recruited Andrea Kirkwood from the University of Ontario Institute of Technology as the new incoming chair of AEM.

12. Reports from the Section

b) Infections and Immunity (II) – Samantha Gruenheid, Chair & Mario Jacques, Vice Chair

Due to the fusion of the annual CSM conference with the IUMS meeting, the CSM section chairs were less involved in the annual conference planning than usual, and there were no specific CSM section symposiums. 14 abstracts from II section members were submitted for the Student Symposium Competition, 4 of which were selected for the symposium by the education committee. 14 abstracts from II section members were considered for the poster competition, of which 8 were selected by the II section chairs for the competition. Notably, the II section had on average the same number of abstracts submitted this year for the student symposium compared to previous years, but the abstracts for the poster competition were considerably lower. The reasons for this are not known, but may be either due to the low student participation at this year's conference or the fact that we had requested an extended abstract (~1000 words) for this year's poster competition. As of the executive meeting this year, Mario Jacques will become the section chair and a new vice-chair will be recruited. Samantha Gruenheid will continue her association with CSM as the faculty representative for McGill University.

12. Reports from the Section

c) Molecular Genetics and Cellular Microbiology (MGCM) – Deborah Court, Chair & Marie Elliot, Vice-Chair

This year, the CSM meeting will be held in conjunction with the IUMS meeting in August 2014; the CSM student competitions are being held within the meeting. Originally, there were 4 poster abstracts and 10 for the oral symposium. Four abstracts were selected for the oral symposium, and the remaining 6 abstracts were added to the pool of the poster abstracts. In total, 10 abstracts initially were under consideration for the poster competition. One student withdrew before and one after the evaluation by the section chair and vice-chair. All 8 remaining abstracts were strong and therefore all 8 students were included in the poster competition. The number of student abstracts was much lower than last year (23), possibly due to the high cost of the meeting for students under the IUMS umbrella.

13. Reports from Committees

a) Education and Career Committee – Ann Karen Brassinga

Co-Chairs

Dr. Ann Karen Brassinga and Dr. Rafael Garduno

Members:

Dr. Denice Bay, Dr. Martin Chenier, Dr. Naowarat Cheephatham

For this year's joint IUMS/CSM conference, the organization and selection of candidates for the student competition and award events were particularly complicated. Abstracts in a 300-word format were submitted using the IUMS registration/abstract submission portal. Students interested in participating in the CSM student competition events must toggle the appropriate box to notify IUMS conference management of their interest and also follow additional instructions of submitting extended abstract directly to the Education and Careers Committee Co-chair Karen Brassinga. To facilitate email communication, an email system for set up for the express purpose for contacting and receiving abstracts/poster PDF files. Abstract submission deadline was originally set for Jan 30, 2014 and

extended once to Feb 24, 2014. IUMS provided a list of students who indicated that they would like to participate in the CSM student events; however, the number of students far exceeded the number of extended abstracts received indicating that students did not follow through with the additional instructions of submitting an extended abstract to the Education and Careers Committee. Thus, in an effort to bolster the numbers of participating students, a decision was made by Executive Council to contact the interested students to encourage them to submit extended abstracts – approximately 100 Canadian students were contacted to submit an extended abstract by April 28, 2014. Six abstracts (3 poster/3 symposium) were rejected immediately due to incomplete registration/non-payment of CSM membership fees despite multiple reminder emails sent by Wafaa Antonious. The remaining abstracts were compiled for review by Section Chairs/Vice-chairs as well as members of the committee and notification (accepted/rejected) emails were sent out in the last week of May/first week of June 2014. It should be noted that a high number of emails were received by students who were not clear on the distinction between IUMS- and CSM-organized student events. Approximately 8 students (7 poster and 1 symposium) withdrew while the abstracts were considered/selected.

For the **2014 poster competition**, there were initially a total of 19 entries which is significantly lower in comparison to 72 entries last year. For this year only, we included 22 rejected abstracts from the 2014 oral symposium with the pool of 19 entries bringing the final total to 41. Chairs and Vice-chairs accepted 8 out of 12 of the AE submissions, 8 of 14 of the II submissions, and 8 of 9 of the MC submissions to make up a full set of posters for the competition. The numbers were down from last year's total of 72 (8/29 AEM, 8/20 II, 8/23 MC). This year, we implemented a 1000-word extended abstract format for the poster competition as per request by the section chair/vice-chair from the previous year to facilitate judging and selection of abstracts. The deadline for receipt of the PDF files of posters as it will be presented at the conference was set for July 11, 2014 of which only 15 have been received at this time of the report (July 15, 2014). Of the remaining expected 9 posters, 3 have withdrawn with 6 pending.

We would like to thank the chairs and the vice-chairs of each of the sections that carried out all the judging in a timely and efficient manner. In addition to the 6 section judges, **three judges** will be assigned to judge the poster competition during the Annual Conference. The **judges** for the poster competition will be CSM members (faculty) selected from the IUMS registrant list. In the memory of **Terry Beveridge**, three poster prizes in the amount of \$500 will be handed out for each section: II, MGCM and AEM. In addition, an **ASM award** comprising an ASM student membership and a book or journal will be handed out for best poster layout.

For the **2014 oral symposium competition**, 37 entries were originally received and three were rejected for incomplete registration/non-payment of CSM membership fees leaving 34 entries for consideration - 11 from AE, 13 from II and 10 from MC. In comparison to last year, the numbers are up from 22 students (8 AEM, 7 II, 79 MC). Martin Chenier, Denice Bay, Teresa de Kievit judged the extended abstracts and selected 12 for the competition.

The **judges** for the symposium will be CSM members (faculty) selected from the IUMS registrant list. We are grateful for the willingness of these individuals to contribute to the judging process. Three awards sponsored by **CCM, Cedarlane and ISME-8** will be handed out to the top three oral presentations.

For the **CSM Undergraduate Award competition** this year, one nomination was received and awarded to:

1. Ashley Ross (nominated by Dr. Barbara J. Butler, University of Waterloo)

For the **CSM Graduate Ambassador award**, no applications were received this year.

Three **ISME-8 travel awards** will be offered for the first time this year to students to help offset travel-associated costs of students whose research lies in microbial ecology (at least one student must be from the Atlantic Canada provinces) Because no applications for the CSM Graduate Ambassador Award were received from graduate students in the area of microbial ecology, there will be **two additional travel awards** available from the reallocated funds. The students will be selected from the list provided by IUMS and with the assistance of IUMS liaison Charles Dozois.

Committee membership change – this year, Rafael Garduño has stepped down as co-chair as of this year's conference. Karen Brassinga will stay on for another year to train the incoming chair or co-chair. Dr. Teresa de Kievit (University of Manitoba) has indicated interest to be a chair or co-chair. The committee members (Martin, Denice, Naowarat) has been asked if they are interested in transitioning from member to co-chair.

Final suggestion

This year's joint conference with IUMS was unique with respect to abstract management and organization/selection of candidates for CSM student competition events. Suggestions for future joint conferences of this magnitude include clearer instructions and distinction to students with respect to participation in CSM student events. Furthermore, closer communication between Education and Careers committee and Conference management team will aid in categorizing students in undergraduate/graduate and research area divisions.

In future CSM conferences, we strongly suggest that the role of the Education & Careers Committee be clarified to the LOC responsible for the conference. We recommend that early in the preparations for the Annual Conference (Fall), the LOC have a teleconference with the Meetings Secretary and the Education Committee to detail their respective roles regarding organization of the section symposia, student competitions, post-doc symposium (if applicable) as well as abstract management.

13. Reports from Committees

b) Awards Report

CSM Murray Award for Career Achievement – Daniel Dubreuil

This year the committee was constituted of Richard Villemur, Chris Whitfield and George Chaconas. Keith Poole of Queen's University is the recipient of the Murray Award.

Fisher Scientific Award – Nancy Martin

The Fisher Scientific Award Committee is chaired by CSM Past President, Nancy Martin. The committee is composed of Russell Hynes (Meetings Secretary), Ann Karen Brassinga (Education Committee Chair), Jim Germida & Anthony Clark (CJM Co-Editors). Dr. Catherine Paradis-Bleau, University of Montreal is the 2014 Fisher Scientific Award recipient.

Armand-Frappier Outstanding Student Award – Daniel Dubreuil

This year the committee was constituted of Gerrit Voordouw, Ken Jarrell and Ivan Oresnik. Mr. Ragnath Singaravelu of University of Ottawa has been granted the Armand-Frappier Award.

14. Reports from Representatives to outside organizations

a) Canadian Journal of Microbiology, 2013/14

Jim Germida and Anthony Clark, Co-Editors

The *Canadian Journal of Microbiology* (CJM), published by Canadian Science Publishing (CSP), is the only journal in Canada publishing original research in general microbiology and maintains a close association with the Canadian Society of Microbiologists. This update covers the period of 2013-2014:

- After many years of service Harry Deener stepped down as co-editor of CJM on July 31, 2013.
- Anthony Clark, long-time Associate Editor for the journal accepted a term as co-editor effective August 1, 2013.
- We welcomed three new Associate Editors to the Editorial Board in 2013-14: Dr. Keith Warriner from the University of Guelph; Dr. Emma Allen-Vercoe from the University of Guelph and Dr. Sébastien Faucher from McGill University. All Associate Editors are now appointed to renewable 2-3 year terms so it is conceivable that we will see some turnover on the Editorial Board as we go forward. We continue to look at an overall expansion of the Editorial Board and will be focusing our efforts on increasing the number of Associate Editors located outside of Canada.

Publication and general readership statistics for 2013-14:

886 manuscripts were received for review, of which 603 were rejected without review (429 by co-editors and 174 by the AE's); of the remaining 283 manuscripts 130 were published.

Average time from manuscript submission to first decision was 36 days (in comparison, a recent survey of 105 related journals found a median of 38 days from submission to decision).

The vast majority of the Journal's content is now accessed electronically through the website maintained by CSP. Full-text downloads of articles (HTML and PDF) have steadily increased over the past five years.

On going association with the CSM/SCM:

The CJM and CSP were pleased to sponsor the CSM-Murray Award for Career Achievement presented to Dr. Gerard Wright at the 2013 CSM/SCM meeting in Ottawa. A review article based on Dr. Wright's lecture was published in the CJM in March 2014. We also committed to continued sponsorship of the CSM-Murray award.

We also extended an invitation for manuscripts based on the two other major CSM award lectures – the Armand-Frappier Outstanding Student Award given to Salim Islam, and the Fisher Scientific Award given to Josh D. Neufeld. In the past, review articles based on CSM award lectures have been very well received by the readership of the Journal, consistently ranking among the most-read papers of the year.

CJM and CSP continue to be strong sponsors of the CSM and are providing \$12,000 in 2014 to support travel of selected authors who will publish their IUMS presentation in a special issue of CJM.

The journal continues to explore opportunities to publish a limited number "special issues" encompassing a specific topic or theme. For example, this year Associate Editor Chris Yost is leading a discussion on a possible special issue devoted to food microbiology and food safety.

The Editorial Board continues to look to recruit more international Associate Editors. This will further highlight the international scope of the Journal and potentially help to improve the quality of manuscripts received from these areas.

The Editorial Board is engaged in a discussion on possible changes to the scope of the journal to ensure a broad audience and open avenues for new high-impact research papers, especially from the Canadian microbiology community.

14. Reports from Representatives to outside organizations

b) International Union of Microbiological Societies Representative – Eric B Carstens

The International Union of Microbiological Societies ([IUMS](http://www.iums.org/)) is one of the 31 Scientific Unions of the International Council of Scientific Unions ([ICSU](http://www.icsu.org/)). IUMS consists of three Divisions: Bacteriology and Applied Microbiology, Mycology and Virology. Within these Divisions are 6 Committees, 9 Commissions and 2 Federations (COMCOFs), under which are subgroups consisting of working groups concerned with bacteriological, mycological and virological research. IUMS acts as an umbrella organization for these scientific research activities. The International Union of Microbiological Societies was founded in 1927 as the International Society for Microbiology. Its first President was Nobel Laureate and Director of the Pasteur Institute in Brussels (Belgium), Jules Bordet. The first International Congress for Microbiology was held in Paris in 1930. At the time of the 10th International Congress of Microbiology held in Mexico in 1970, the Executive Committee decided to create three sections covering the fields of Bacteriology, Virology and Mycology. Subsequently these sections became three separate divisions of IUMS possessing complete autonomy in the conduct of their affairs and the organization of their International Congresses. Complete information about IUMS may be found on its updated web site (<http://www.iums.org/>). The CSM is a full member of IUMS and is, along with the National Research Council of Canada, organizing the Congresses.

The IUMS congresses were last held in Sapporo, Japan in 2011. This year, the congresses will be held concurrently in Montreal July 27 - August 1 2014.

The National Organizing Committee consists of Dr. Pierre Talbot (President), Dr. Pierre Belhumeur (Chair, XIV International Congress of Mycology and Eukaryotic Microbiology [MEM]), Dr. Charles Dozois (Chair, XIV International Congress of Bacteriology and Applied Microbiology [BAM]) and Dr. Alain Lemarre (Chair, XVI International Congress of Virology [ICV]). The next IUMS General Assembly will take place on July 27 2014 at 11:00 hr in the Montreal Convention Centre (room 518A-B). All members of CSM are invited to attend.

14. Reports from Representatives to outside organizations

c) International Committee on Taxonomy of Viruses – Peter Krell

The ICTV is a committee of the Division of Virology of the International Union of Microbiological Societies (IUMS). National members of the Virology Division are nominated by member Societies, like the CSM/SCM, up to a maximum of 5 members per country, one for each independent national body if more than one. Peter Krell was nominated in 2005 as the national member for Canada first by Richard Sparling and then by John Smit representing the CSM/SCM. The terms are open ended, but the ICTV is encouraging national societies to elect for terms of 3 or 6 years to allow for better turnover. The national representatives and the 18 executive committee members are the only members of the ICTV. The ICTV, including the national representative is responsible for voting to ratify or not, virus taxonomic proposals vetted and recommended by the ICTV Executive Committee and to vote on

elections to the ICTV executive. These sessions are held at the triennial meetings of the Virology Division through the triennial IUMS meetings. The upcoming meeting of the Virology Division, and hence the ICTV, is July 27 to Aug 01 in Montréal. More specifically the ICTV Plenary Session (to which national members are expected to attend, as I will) will take place at 11:30-12:45 on Tuesday 29 July 2014.

Since the ICTV does not meet until this year's CSM/SCM (in conjunction with the IUMS), there is not much to report as the National Representative of Canada over the past 2013/2014 year. However as I near the end of my last term as National Representative of Canada (officially at the conclusion of the ICTV meeting in Montréal in July 29, 2014) it is time for the CSM/SCM to choose and nominate a replacement. This should take place sometime immediately after the IUMS meeting.

The process of nomination of the National Member for Canada would be for the President of CSM/SCM to present the society's nomination to the President of the ICTV (in my case both the outgoing and incoming CSM/SCM Presidents sent the nomination). The nomination should be sent to the incoming ICTV President, Dr Andrew Davison, MRC-University of Glasgow Centre for Virus Research, 8 Church Street Glasgow G11 5JR, United Kingdom (email is andrew.davison@glasgow.ac.uk)

As indicated in my report last year, I would like to nominate Dr Andrew Lang of Memorial University of Newfoundland (aslang@mun.ca) as an ideal candidate to be the next National Representative of Canada for the ICTV. Andrew has been a long serving and active member of the CSM/SCM and would represent the society and Canadian virologists well. Of equal importance is his contribution to virology, particularly virus taxonomy. Andrew is currently the Chair of the *Marnaviridae* Study Group for the Fungal Viruses. In this capacity he is already familiar with the ICTV and its inner workings. Also, Andrew had indicated to me his interest in being considered for the position of National Representative for Canada of the ICTV. I would of course be available as mentor should that be requested.

The ICTV members are expected to meet during the ICV (IUMS) meetings every three years and will vote to ratify (or not) taxonomic proposals recommended by the executive and to vote on ICTV executive committee membership. A note of caution, the representative is expected to attend the triennial ICTV meeting (held in conjunction with the International Congress of Virology of the IUMS). Also there is no remuneration and the ICTV members are expected to cover their own travel costs. The rationale (other than lack of a budget) is that the member would be going to the ICV anyway.

Report regarding Peter Krell's position on the executive committee of the ICTV (this is independent of his position as the National Representative of Canada).

Incidental to his role as National Representative for Canada at the ICTV, Peter Krell was elected to the ICTV executive as one of eight "elected members" in addition to the Executive Committee President, Vice President, Proposals Secretary, Business Secretary and Chairs of the six Virus Sub Committees. This role is independent of Peter Krell's role as National Member, but generally only National Members are elected to the ICTV Executive Committee (EC). Since then he was elected to Chair of the Invertebrate Virus Subcommittee for a three year term 2008 to 2011 and then a second (and last) three year term for 2011-2014. The Executive meets yearly (members pay their own travel costs) to review taxonomic proposals, mostly from Study Groups and either accepts, rejects or suggests modification and to nominate/appoint members of the ICTV executive. Over the past recent years, the Executive has met in Paris France (2010), Sapporo Japan (with the ICTV, 2011), Leuven the

Netherland (2012), and last year in Edinburgh Scotland (2013). The meeting of the ICTV Executive Committee this year will be in Kingston Canada (July 24-26, 2014) and I will finish my term on the executive at the end of the ICTV meeting, July 29, 2014.

Final thoughts:

It has been a pleasure for me to represent the Canadian Virology community at the international level of the ICTV as a representative of Canada and of the CSM/SCM. Though not an onerous task, it is important for the national representatives to express the views of their country in dealing with the myriad taxonomic proposals and approaches to taxonomy to ensure international acceptability of the final decisions.

14. Reports from Representatives to outside organizations

d) Biological & Chemical Defense Review Committee of DND – Julia Foght

I am happy to report to the CSM on the activities of the Biological and Chemical Defence Review Committee (BCDRC) comprising Dr. Pierre Potvin (York University, chemistry; Committee Chair), Dr. Sheldon Roth (University of Calgary, toxicologist), and Dr. Julia Foght (University of Alberta, microbiologist). The Executive Officer is Brigadier General (retired) James Selbie. Our arm's-length website can be found at <http://www.bcdrc.ca/> with a link to our formal, public report for 2013 activities, published in March 2104.

The BCDRC mandate is to provide an independent, third-party review of the Biological and Chemical Defence (BCD) research, development and training activities undertaken by the Department of National Defence (DND) and the Canadian Forces (CF) with a view to assessing whether these activities are defensive in nature and conducted in a professional manner with no threat to public safety or the environment. Recent conflicts reported in the news involving the use of biological toxins, documented use of chemical weapons in 2013, and potential use of biological agents makes the Committee's work ever more important and relevant.

Between April 2013 and March 2014, the BCDRC completed three rounds of visits and inspections at DND establishments, Defence Research and Development Canada (DRDC) sites and other institutions involved in BCD research. Among the Committee's diverse activities, those particularly relevant to microbiology included:

- Four days at DRDC – Suffield Research Centre, including numerous briefings and tours, inspection of the Bio-Safety Level II lab; the annual inspection of bacterial and viral stocks (BSL III laboratory) and toxin holdings; briefings by two research contractors; and meetings with the chair of the Biohazard Safety Committee;
- A visit to the CF Fire and Chemical, Biological, Radiological and Nuclear (CBRN) Academy at Canadian Forces Base (CFB) Borden to discuss BCD doctrine, tactics, techniques and procedures; training courses, curricula, training audiences and graduates; practical training activities and exercises;
- Visits with Canadian Special Operations Regiment and 427 Special Operations Aviation Regiment at CFB Petawawa;
- Three days in Ottawa for briefings by the Chief of Defence Intelligence, the Centre for Security Science, DRDC Corporate Office, CF Health Services Group Headquarters, and several others;
- Participation of two committee members as observers at Exercise Fire Drake at CFB Suffield, a live agent exercise conducted annually at the Counter-Terrorism Technology Centre in support of the National Chemical, Biological, Radiological, Nuclear and Explosives Response Team.

During its 2013 visits the Committee was satisfied that DND and the CF are maintaining a policy of purely defensive research in biological and chemical warfare countermeasures and training; that such research is compliant with Canada's obligations as a signatory state to the Biological Weapons Convention and Chemical Weapons Convention; and that such research does not pose a threat to public safety or the environment. Based on observations during the course of its visits, the Committee made several recommendations itemized in the 2013 Annual Report on the BCDRC website.

In late 2013 the Committee underwent a 5-year programme evaluation by DND Chief of Review Services (CRS) to determine its effectiveness and relevance; although the final report has not yet been made public, the Draft Report confirmed that the BCDRC continues to serve the Canadian public well by constituting an independent panel of experts able to assimilate highly technical briefings, make informed observations, ask appropriate questions and provide knowledgeable feedback to the DND and CF personnel and units that we visit. I am proud to be associated with this professional, competent and vigilant Committee and to represent the Canadian Society of Microbiologists as a BCDRC member and, as of April 1, 2014, serve as its Chair.

Dr. Jonathan van Hamme has agreed to stand as a nominee to replace me as a member of the BCDRC in April 2017. **We look forward to the CSM executive ratifying his nomination at this year's AGM.** In anticipation of this, Jon has already begun the process of applying for Level II security clearance with the CF, completion of which can take up to two years. I believe he will be an excellent representative of the CSM on the Committee.

14. Reports from Representatives to outside organizations

e) ASM International Membership Committee and Ambassador to Canada – Trevor Charles

This is my second year as ASM Ambassador to Canada. ASM continues to develop a very active International Affairs office. They are attempting to assume a leadership role around the world, interacting with the various national microbiological societies, and in some cases participating in national meetings. I was a member of the Ambassador Leadership Circle Task Force, which met by web conference and in person at the ASM meeting in Boston, and worked to produce the Ambassador Leadership Circle White Paper. This report has apparently been well received by ASM, and the Ambassador Leadership Circle of 8-9 members is expected to be launched in the coming months, with a call for applications. The role of this body will be to increase international representation in ASM governance and improve coordination of international programs and collective initiatives.

This year, ASM continues its tradition of supporting the CSM student competitions. An award consisting of ASM student membership and an ASM book or journal will be presented to the best layout poster. I had intended to facilitate involvement of ASM in the IUMS meeting, to the mutual benefit of CSM and ASM. I applied for and was successful in obtaining funding to run an ASM Virtual Speaker session and a writing workshop, but in the end they could not be accommodated in the IUMS program. We plan to work with the organizers of the 2015 CSM meeting with a view towards incorporating some ASM sponsored activities in the program.

We were unsuccessful in getting sponsorship from ASM for the very successful iGEM Americas Regional Jamboree that took place last fall in Toronto. However, I am pleased that CSM came through with sponsorship for this event – it was very much appreciated by the organizers. I represented CSM at the iGEM event, along with my Ph.D. student Maya D'Alessio, where we had a table during the poster session, where we distributed information about the CSM and the upcoming IUMS meeting.

We welcome any suggestions or feedback related to enhancing the relationship between CSM and ASM.

14. Reports from Representatives to outside organizations

f) ASM Young Ambassador to Canada - Subba Rao Chaganti

This is the second year for me as ASM young Ambassador to Canada. Recently I was elected as upcoming Chair for the ASM Young Ambassador program, which currently represents 40 countries. I have initiated ASM student chapter with five executive members at University of Windsor, Canada as well a Bio-resource center with the support of Dr. Trevor Charles (ASM ambassador). For Bio-resource Center, University of Windsor has provided \$5,000 and ASM has provided \$2,500 and online access to ASM Journals \$ 4,200/year. The Bio-resource Center will be opening first week of Sep 2014. The main purpose of this center is to enhance the student leadership skills and interaction with various national microbiologists by providing various virtual training programs. In the next 6 months we plan to develop the network between the student chapters worldwide using the existing Facebooks accounts of the student chapters. I have discussed networking with Young Ambassadors worldwide and they all agreed. I believe this network will enhance the student interactions and opportunities worldwide. I have approached the CSM Executive through the Secretariat for CSM contribution to the Bio-resource Center. Any suggestions for enhancing the CSM and ASM relationship are most welcome.