

Fewer infections.
Fewer outbreaks.
Healthy Canadians.



Association of Medical Microbiology
and Infectious Disease Canada
Preventing and Treating Infectious Diseases

L'Association pour la microbiologie
médicale et l'infectiologie Canada
Prévenir et traiter les infections

Annual Report

2016

Who we are

AMMI Canada is the national specialty association that represents physicians, clinical microbiologists and researchers specializing in the fields of medical microbiology and infectious diseases.

Through promotion of the diagnosis, prevention and treatment of human infectious diseases and by our involvement in education, research, clinical practice and advocacy, AMMI Canada aims to serve and educate the public and

also to enhance the career opportunities of its members through professional development and advocacy initiatives.

Vision Statement

Fewer infections. Fewer outbreaks. Healthy Canadians.

Mission Statement

We advance the prevention, diagnosis, and treatment of infections.

Strategic Planning Goals and Initiatives

Antimicrobial Stewardship and Resistance

The goal is to reduce the incidence and prevalence of antimicrobial resistant microorganisms through strategies that monitor antimicrobial resistance and improve antimicrobial use.

Infection Prevention and Control

The goal is to reduce the impact of healthcare-associated infections through infection prevention and control.

Education and Knowledge Translation

The goal is to reduce the impact of infections and antimicrobial resistance through guideline development, networking, and education.

Advocacy

The goal is to support efforts to reduce the impact of infectious diseases world-wide, achieved by equitable access to health care and immunization, through advocacy and strategic collaboration.

Human Health Resources Planning

The goal is to ensure the sustainability of clinical microbiology, infectious diseases, and medical microbiology in Canada.

Research

The goal is to promote and support research in infectious diseases and microbiology in Canada.

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AMMI Canada Council

President

Caroline Quach

President-Elect

Todd Hatchette

Past President

Daniel B. Gregson

Treasurer

Andrew Simor

Secretary

Deborah Yamamura

Medical Microbiology

Section Chair

Susan Poutanen

Infectious Disease

Section Chair

Jennifer Grant

Members of Council

Christian Lavallée

Romina Reyes

Stephen Sanche

Yoko Schreiber

Daniel Smyth

Mark Tyndall

AMMI Canada Committee Chairs and Vice-Chairs

Antimicrobial Stewardship and Resistance Committee

Andrew Morris and Edith Blondel-Hill

Canadian Hospital Epidemiology Committee (CHEC)

Charles Frenette and Joanne Langley

Communications and Public Relations Committee

Daniel B. Gregson

Education / Continuing Professional Development Committee

Anupma Wadhwa and Isabelle Chiu

Finance Committee

Andrew Simor

Grants and Awards Committee

Donald Vinh

Guidelines Committee

Gerald Evans and Nicole Le Saux

JAMMI Management Committee

Daniel B. Gregson

Members-in-Training Committee

Nancy Matic

Nomination Committee

Daniel B. Gregson

Paediatric Committee

Earl Rubin

Program Planning Committee

Isabelle Chiu and Titus Wong

Indigenous Health Interest Group

Yoko Schreiber

Liaison Representatives

The Royal College of Physicians and Surgeons of Canada (Infectious Diseases)

Cheryl Main

The Royal College of Physicians and Surgeons of Canada

(Medical Microbiology)

David Haldane

AMMI Canada Representatives on External Committees

Antimicrobial Resistance (AMR) Task Group on Infection Prevention and Control

Caroline Quach

Canadian Alliance of Laboratory Medicine (CALM)

Tony Mazzulli and Paul Van Caesele

Canadian Medical Association – Specialist Forum

Daniel B. Gregson

Canadian Paediatric Society (CPS) Infectious Diseases and Immunization Committee

Jane McDonald

Canadian Pandemic Influenza Plan – Task Group

Soren Gantt

Canadian Public Health Network – Working Group on Lyme Disease or other Tick-borne Diseases

Allan Ronald

Canadian Standards Association – Technical Committee on Transplantation

Deepali Kumar

CanTravNet

Michael Libman

Expert Advisory Group on Antimicrobial Resistance (EAGAR)

Caroline Quach

Immunize Canada

Jennie Johnstone

Public Health Agency of Canada (PHAC) – Committee to Advise on Tropical Medicine and Travel (CATMAT)

Jeffrey Pernica

Public Health Agency of Canada (PHAC) – Infection Prevention & Control Working Group

Nisha Thampi

Public Health Agency of Canada (PHAC) – National Advisory Committee on Immunization (NACI)

Anne Pham-Huy

Public Health Agency of Canada (PHAC) – Pandemic Influenza Committee – Antiviral Clinical Care Task Group

Gerald Evans and Todd Hatchette

Society for Healthcare Epidemiology of America (SHEA) – Guidelines Committee Liaison Member

Jennifer Grant

President's Report

Caroline Quach – Montréal, QC

The Association of Medical Microbiology and Infectious Disease Canada is the national association representing Canadian physicians, clinical microbiologists, laboratory technologists, and other members, whose roles are to prevent, diagnose, and treat infections. As we aim to be inclusive of the entire community we represent, a new category of membership was created in 2016: the [Supporter](#) category. The goal in creating the Supporter category was to enable nurses, non-ID/MM physicians (e.g., specialists in public health or family physicians), laboratory technologists, PhDs working in microbiology research or clinical laboratories, pharmacists, and other professionals involved in the prevention, diagnosis and treatment of infectious diseases to benefit from AMMI Canada's membership, participate in working groups and obtain discounted registration to our annual conference, at a reasonable cost and thus, to be part of the Family.

Aiming to be the “one-stop-shop” on all issues pertaining to infectious diseases in Canada, the Association has continued to develop and foster relationships that have been built progressively over the years with organizations, such as the Public Health Agency of Canada (PHAC), and has developed new collaborations. In the past year, antimicrobial resistance (AMR) and patient safety have been on the forefront of AMMI Canada's activities: we were invited to participate in the National Patient Safety Consortium, which was comprised of presidents,

CEOs, and key decision-makers from national, provincial, and territorial patient safety and quality organizations, governments, professional associations, and patient representatives. We also worked with PHAC's Canadian Nosocomial Infections Surveillance Program (CNISP), IPAC Canada and the Canadian Institute for Health Information (CIHI) to promote scientifically valid and representative healthcare associated infection surveillance. We have been asked to take an active role in the Federal, Provincial and Territorial AMR Task Group on Infection Prevention and Control and the Stewardship Task Group. As AMMI Canada's President, I have also been invited to represent AMMI Canada on PHAC's Expert Advisory Group on Antimicrobial Resistance. We were part of the Canadian Roundtable on Antimicrobial Stewardship, coordinated by HealthCareCAN, the National Collaboration Centre for Infectious Diseases and PHAC. We were invited to participate in the Canadian Institutes of Health Research (CIHR) Antimicrobial Stewardship Workshop “Current and Future Directions for Innovation and Research in Antimicrobial Stewardship in Canada” that was held last November. At the Association level, there has been incredible work done by our Antimicrobial Stewardship and Resistance Committee (ASRC) with a Business Case for Health Care Institution Antimicrobial Stewardship Programs and the “Symptom-Free Pee, Let it be!” campaign on asymptomatic bacteriuria, under Andrew Morris

and Edith Blondel-Hill's leadership. This campaign was distributed nationally, with international uptake. We are currently working with the Society for Healthcare Epidemiology of America (SHEA), having requested their endorsement with distribution of these resources to their membership. AMMI Canada is currently aiming to increase its visibility on the international scene. As showcased on our annual conference section of the website, both SHEA and the Infectious Disease Society of America (IDSA) have been collaborating societies to our annual conference. We are working on developing increased partnership: I am a member of SHEA's External Affairs Committee and of SHEA's Pediatric Leadership Council and Dr. Jennifer Grant is the AMMI Canada liaison member to the SHEA guidelines committee.

The Association is proud to see grass-root initiatives becoming formal committees. Our members have ideas, are active and aim to improve knowledge and care for Canadians. Dr. Yoko Schreiber has started an Indigenous Health Working Group that has already been recognized as important: Dr. Schreiber was invited to represent AMMI Canada at a half-day workshop organized by the National Research Council on the research and development of a *H. influenzae* type a vaccine because of the increased incidence of this emerging invasive disease in Inuit and circumpolar populations. The Association is committed to supporting projects and ideas that will make a difference. To that extent, we have

also created a paediatric committee, led by Dr. Earl Rubin. This committee aims to give paediatric ID and MM a home where issues specific to children will be discussed. I also invite you to review the work accomplished for the AMMI Canada Choosing Wisely Campaign: the second set of Declarative Statements (MM) have been published recently and the third set (paediatrics) is currently in development.

The Association has been actively involved in the meetings leading to the organization of a Conference to Develop a Federal Framework on Lyme Disease, held in May 2016 in Ottawa and will remain involved through its Lyme Disease Working group.

The Journal of AMMI Canada (JAMMI) has had a year of transition. JAMMI was launched in January 2016 after our previous journal (the Canadian Journal of Infectious Diseases and Medical Microbiology, CJIDMM), which did not belong to the Association, was sold. Wanting to maintain a good-quality Canadian-owned journal, we parted from CJIDMM and started JAMMI. JAMMI, proprietary to AMMI Canada, was published by Pulsus until this fall when Pulsus was sold as well. We have since then been working on identifying a new Canadian publisher that better aligns with the Association's values, and takes our membership's interests to heart. With much work from AMMI Canada's team,

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Dr. Dan Gregson and Council, a new contract has been signed. We are proud that our journal will now be published by the University of Toronto Press. All articles previously published in JAMMI (by Pulsus) will be published in 2017, under the new platform, at no additional cost to authors. We are eager to launch our first issue in 2017!

Research is the one area where more activities are needed. AMMI Canada has acted as the knowledge user for grants submitted to CIHR by Canadian research teams and has provided letters of support. A more formal way to collaborate for research in ID/MM will be developed in the coming year to increase our members' ability to network and, hopefully get funded. To this end, Dr. Marc Ouellette, scientific director of CIHR, Institute of Infection and Immunity, will be attending AMMI Canada's 2017 annual general meeting to discuss research in infectious diseases and medical microbiology.

Finally, I want to personally thank Dr. Dan Gregson (past-president) and Dr. Todd Hatchette (president-elect) without whom AMMI Canada's accomplishments for the past year would not have been as brilliant. Working as a team, with our individual strengths, and all leaning in, has made my first year as president possible. Thank you both for your input and responsiveness. The same can be said for our Council members: thank you for your responsiveness. The

entire Council and executive is working on a voluntary basis – yet, everyone has given thoughtful input in a timely manner, allowing AMMI Canada to move forward for our membership. I would also like to sincerely thank all the committees' chairs who have taken their task to heart, with dedication and vision: under their leadership, we can now look back over the past year and see that things got done! Committee members must also be thanked – in the end, they were doing the work! A special thank you to our annual conference Program Planning Committee: if we have a conference, it is because of your hard work. I invite you to read through each of the committee's reports contained herein.

AMMI Canada only has three permanent staff members who should be recognized and whose work should be fully acknowledged. Natalee Rubec, our newest recruit, has vividly animated our committees and supported them. I have rarely seen someone type up minutes for a meeting that quickly! Paul Glover has now become the heart and soul of our conference planning. Paul is calm and rigorous in his work, is attentive to details and has a heart of gold. He also oversees the membership and website. Working with Paul has been a blessing. But... what would I have done without Riccarda Galioto, our Executive Director? Riccarda keeps me straight and on top of files, has the

corporate memory, answers me at all times of day and night (depending on when a question arises in my brain), and is dedicated to the Association and our membership. We are lucky to have

her, her values represent ours: honesty, integrity and hard work, among other things. Dear Riccarda, thank you so much for being there – I am looking forward to my second year... ●

Secretary's Report

Deborah Yamamura – Hamilton, ON

2016 was a year that marked some important changes to the membership process. An online registration process was implemented that increased the efficiency of submission and approval. With the addition of the new Supporter category, 10 individuals received this status and 2 were recategorized to this status in 2016. The Supporter category highlights the multi-disciplinary nature of infectious disease and medical microbiology.

At the end of 2016, we had 629 members – an increase of 28 members from 2015. Member categories are as follows: 491 Active members, 67 Members-in-Training, 56 Retired members, 12 Supporter members, and 3 Honorary Members. Dr. Michael Mulvey was granted Honorary Member status in 2015; how-

ever, the database was not updated until 2016. Membership category by specialty consists of 257 in infectious diseases, 126 in medical microbiology, 157 in both infectious diseases and medical microbiology, 65 in paediatric infectious diseases and/or medical microbiology and 24 with other specialties including Pharm D, infection control practitioners, and research scientists.

This will be my last year as Secretary as my two terms are now completed. It has been an honour to work with the Secretariat and support AMMI Canada. I would like to thank Mr. Paul Glover and Ms. Riccarda Galioto and members of Council. Dr. Terence Wuerz will be taking over as Secretary and I welcome him to the role. ●

Membership Report

Paul Glover, CMP

Meetings and Membership Coordinator – Ottawa, ON

The following members recently completed their training and advanced from Member-in-Training to Active membership in 2016.

Byron Berenger – Edmonton, AB
Khalifa Binkhamis – Halifax, NS
Aaron Campigotto – London, ON
Yan Chen – Toronto, ON
Matthew P. Cheng – Montréal, QC
Jeannette Comeau – Halifax, NS
William Connors – Miami Beach, FL
Cora Constantinescu – Calgary, AB
Megan K.B. Devlin – Toronto, ON
Tatiana Dragan – Edmonton, AB
Jessica K.E. Dunn – Ottawa, ON
Rachel Dwilow – Winnipeg, MB
Chelsey Ellis – Moncton, NB
Yannick Emond – Hamilton, ON
Cheryl Foo – Winnipeg, MB
Bahareh Ghadaki – St. Catharines, ON
David Harris – Hamilton, ON
Thomas Havey – Toronto, ON
Christopher Kandel – Toronto, ON

Jessica Keen – Montréal, QC
Siddharth Kogilwaimath – Winnipeg, MB
Derek R. MacFadden – Toronto, ON
Lauren J. MacKenzie – Winnipeg, MB
Sarah Mansour – Edmonton, AB
Vanessa Meier-Stephenson – Calgary, AB
Caroline Nott – Toronto, ON
Michael Payne – Vancouver, BC
Shaqil Peermohamed – Saskatoon, SK
Kristin Popiel – Gatineau, QC
Tamara Leah Remington – Edmonton, AB
Elissa D. Rennert-May – Edmonton, AB
Stephen Robinson – Saint John, NB
Karan Sharma – Ottawa, ON
Adrienne Showler – Washington, DC
Evan W. Wilson – Victoria, BC
Yang Yu – Hamilton, ON
Nathan Zelyas – Edmonton, AB
Hong Yuan Zhou – Edmonton, AB

New Members

Active

Hema Gupta – Ottawa, ON
Abuobeida Hamour – Prince George, BC
Tim T.Y. Lau – Vancouver, BC

Hoan N. Le – Toronto, ON
Theodore S. Steiner – Vancouver, BC

Members-in-Training

Idowu Joy Adekanmbi – Edmonton, AB
Bandar Albaradi – Hamilton, ON
Maher I. Alharbi – Winnipeg, MB
Ana C. Blanchard – Toronto, ON
Chloë Bogaty – Winnipeg, MB
Gaëlle A. DeLisle – Montréal, QC
Megan K.B. Devlin – Toronto, ON
Lee W. Goneau – Toronto, ON
Simon Grandjean Lapierre – Montréal, QC
Thomas P. Griener – Calgary, AB
Amila C. Heendeniya – Saskatoon, SK
Dale R. Kalina – Saskatoon, SK
Sameer Kassim – Winnipeg, MB
Hannah Kraicer-Melamed – Montréal, QC

Philip Lam – Toronto, ON
Chris J. Lata – Edmonton, AB
Sylvain Lother – Vancouver, BC
Sarah Mansour – Edmonton, AB
Nancy A. Matic – Toronto, ON
Trong Tien Nguyen – Montréal, QC
Conar R. O'Neil – Calgary, AB
Elissa D. Rennert-May – Edmonton, AB
Medina Saffie – Hamilton, ON
Bohdan P. Savaryn – Edmonton, AB
David J.W. Smith – Edmonton, AB
Brian Whiteside – Calgary, AB
Victor T. Yuen – Vancouver, BC

Supporter

Kim A. Abbass – Sydney, NS
Piera T. Calissi – West Kelowna, BC
Joseph Cox – Montréal, QC
Linda Dresser – Toronto, ON
Joel D. Kettner – Winnipeg, MB

Bradley Langford – Toronto, ON
Jaime L. McDonald – Ottawa, ON
Paula C. Stagg – Corner Brook, NL
Daniel J.G. Thirion – Montréal, QC
Marina Ulanova – Thunder Bay, ON

	2016	2015	2014	2013	2012
Active	491	464	451	436	435
Member-in-Training (formerly "Associate")	67	84	122	130	107
Retired	56	52	48	38	34
Deceased	0	-1	-1	-1	0
Supporter category	12	0	n/a	n/a	n/a
Sustaining	n/a	0	5	6	6
Honorary	3	2	2	2	2
Total	629	601	627	611	584

Canadian Hospital Epidemiology Committee (CHEC)

Co-Chair: Charles Frenette – Saint-Lambert, QC

Co-Chair: Joanne Langley – Halifax, NS

Committee Members:

Elizabeth Ann Bryce – Vancouver, BC

John Conly – Calgary, AB

Ian Davis – Halifax, NS

Chelsey Ellis – Moncton, NB

John Embil – Winnipeg, MB

Joanne Embree – Winnipeg, MB

Gerald Evans – Kingston, ON

Greg German – Charlottetown, PE

Elizabeth Henderson – Calgary, AB

Michael John – London, ON

B. Lynn Johnston – Halifax, NS

Kevin Katz – Toronto, ON

Pamela Kibsey – Victoria, BC

Nicole Le Saux – Ottawa, ON

Bonita Lee – Edmonton, AB

Marie-Astrid Lefebvre – Montréal, QC

Camille Lemieux – Toronto, ON

Mark Bertram Loeb – Hamilton, ON

Yves Longtin – Montréal, QC

Allison McGeer – Toronto, ON

Dominik Mertz – Hamilton, ON

Jessica Minion – Regina, ON

Dorothy Moore – Montréal, QC

Caroline Quach – Montréal, QC

Susan Richardson – Toronto, ON

Virginia Roth – Ottawa, ON

Andrew Simor – Toronto, ON

Stephanie Smith – Edmonton, AB

Jocelyn Strigley – Vancouver, BC

Paula Stagg – Corner Brook, NL

Kathryn Suh – Ottawa, ON

Geoffrey Taylor – Edmonton, AB

Nisha Thampi – Ottawa, ON

Nathalie Turgeon – Québec City, QC

Joseph Vayalunkal – Calgary, AB

Mary Vearncombe – Toronto, ON

Karl Weiss – Montréal, QC

Alice Wong – Saskatoon, SK

Titus Wong – Vancouver, BC

The Canadian Hospital Epidemiology Committee (CHEC) in collaboration with the Public Health Agency of Canada (PHAC) conducts surveillance on healthcare-associated infections (HAIs) in 65 acute-care hospitals in 10 Canadian provinces through the Canadian Nosocomial Infection Surveillance Program (CNISP). Current CNISP surveillance programs include CLABSI, CDI, antibiotic resistant organisms including MRSA, VRE and CRGN and select surgical site infections (SSIs) including hip and knee replacements, CSF shunt and pediatric cardiac surgery. In addition, CNISP collects data on antimicrobial utilization in CNISP hospitals. CNISP surveillance protocols were update yearly and rates can be found on the AMMI Canada website (<https://www.ammi.ca/cnisp-updates/>) and also the Government of Canada, (<https://www.canada.ca/en/public-health/services/publications/drugs-health-products/antimicrobial-resistant-organisms-aro-surveillance-summary-report-data-january-1-2009-december-31-2014.html>), CNISP, PHAC (<http://www.phac-aspc.gc.ca/nois-sinp/survprog-eng.php>) and IPAC (<http://ipac-canada.org/>) websites.

For the first time in 4 years, the Canadian Hospital Epidemiology Committee and PHAC held much needed in-person meetings in Ottawa:

- February 22 & 23 2016: Meeting of CNISP hospital members, (CHEC members and their primary ICPs or Epis) and PHAC Epi & lab (NML). This was the first face-to-face meeting of the CNISP program held since 2012.

Meeting highlights include:

- Commemoration of over 20 years of collaboration – CNISP history (timeline) infographic produced
- CNISP Surveillance Projects reviewed, new projects discussed that could help to reduce transmission of/prevent hospital acquired infections. Program results were presented, analyzed and significant changes proposed for the coming years. The dominant theme was AMU/AMR and several projects were drafted in the event of available funding.
- November 7 & 8, 2017: Annual CNISP face-to-face meeting (CHEC members and their primary ICPs or Epis and PHAC Epi & lab (NML) staff) held in Ottawa, ON.

Meeting highlights include:

- CNISP surveillance protocols updated and finalized for 2017
- Point Prevalence study (protocol development) initiated
- *M.chimaera* working group formed

CHEC has completed the following work

- All CNISP surveillance protocols for 2017 have been updated including MRSA, CDI, VRE, CRGN, CLABSI, and SSIs (Hip & knee, CSF shunt & Pediatric cardiac surgery). The 2017 protocols are available on both the AMMI Canada and IPAC websites
- In terms of new projects, the highest priority was given to repeating a Point Prevalence study of HAIs. This will be conducted in February 2017, as CNISP has conducted two previous point prevalence studies in 2002 and 2009.
- The second priority was given to nosocomial Blood Stream Infections which might include Hematology – Oncology and hemodialysis.
- The CNISP *M.chimaera* working group developed a retrospective survey (currently in progress) to identify practices at CNISP hospitals regarding heater-cooler device management, patient look back, patient notification and patient consent, and available laboratory capacity for detecting these organisms. Results from this survey are anticipated to be ready by summer/fall 2017.
- NML's collaboration has been exceptional in studying the evolution of resistance through molecular epidemiology for *C.difficile*, MRSA, VRE and CRGN.

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Grants and Awards Committee

Chair: Donald Vinh – Montréal, QC

Committee Members:

Jeff Fuller – London, ON

Jim Kellner – Calgary, AB

Annie-Claude Labbé – Montréal, QC

Donald Sheppard – Montréal, QC
(Ex-officio, Past Chair)

Andrew Simor – Toronto, ON

Caroline Quach – Montréal, QC
(Ex-Officio, President)

In April 2016, Dr. Donald Vinh transitioned from Vice-Chair to Chair of the Committee. The Committee would like to recognize and thank the outgoing Chair, Dr. Don Sheppard, for his direction and contributions to this Committee since 2011.

In February 2016, the candidates for the AMMI Canada awards 2015 were selected. The winners were announced at the Awards Ceremony of the AMMI Canada – CACMID Annual Conference, on Saturday, April 2, 2016, at the Sheraton Vancouver Wall Centre, in

Vancouver, BC. The 2015 AMMI Canada Medical Student Research Awards were presented to Charlie Tan (University of Toronto and McMaster University) for his project entitled “*Variability in antibiotic use across Ontario acute care hospitals*”

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Continued from previous page (CHEC)

- The CNISP CRGN working group developed a survey on ‘Laboratory Detection and Infection Control Practices for Carbapenem-resistant Gram-negative (CRGN) organisms’ that was sent to all CNISP hospitals and also posted on the AMMI Canada and IPAC websites in order to encourage non-CNISP hospitals to participate in the survey. Results from this survey are anticipated to be ready by summer/fall 2017. NML has strongly supported the CRGN with molecular analysis of strains and epidemiological links through usage of WGS.
- CNISP completed and will be publicly releasing its annual summary of surveillance of antimicrobial resistant organism surveillance which includes data on MRSA, VRE, CPOs and CDI. Newly added this year, the report will now include data on stain types and antimicrobial resistance. Anticipated date of release is March or April 2017
- The report is entitled ‘Antimicrobial Resistant Organisms Surveillance, Canadian Nosocomial Infection Sur-

veillance Program (CNISP) summary report for ARO data from January 1, 2011 to December 31, 2015’. Currently the last report with data from 2009–2014 is posted on the following website and will be replaced with 2011–2015 data. URL: <https://www.canada.ca/en/public-health/services/publications/drugs-health-products/antimicrobial-resistant-organisms-aro-surveillance-summary-report-data-january-1-2009-december-31-2014.html>

- CHEC terms of reference currently under review/revision
- Each working group added an official member from IPAC Canada in an effort to expand surveillance of nosocomial infections throughout Canada. We have agreed to share common definitions; protocols have been shared and we are exploring the possibility of sharing the PHAC website for summary data entry and reporting.
- Three publications were completed in 2016, see below.
- Six abstracts were submitted for presentation to the 2017 AMMI Canada – CACMID Annual Conference.

The following manuscripts were published.

- Simor AE, Pelude L, Golding G, Fernandes R, Bryce E, Frenette C, Gravel D, Katz K, McGeer A, Mulvey MR, Smith S, Weiss K. Determinants of Outcome in Hospitalized Patients With Methicillin-Resistant Staphylococcus aureus Bloodstream Infection: Results From National Surveillance in Canada, 2008–2012. *Infection Control & Hospital Epidemiology*. 2016 Apr;37(4):390–7. URL: http://journals.cambridge.org/abstract_S0899823X15003232
- Mataseje LF, Abdesselam K, Vachon J, Mitchel R, Bryce E, Roscoe D, Boyd DA, Embree J, Katz K, Kibsey P, Simor AE, Taylor G, Turgeon N, Langley J, Gravel D, Amaratunga K, Mulvey MR; members of the Canadian Nosocomial Infection Surveillance Program. Carbapenem-Producing Enterobacteriaceae in Canada: Results from the Canadian Nosocomial Infection Surveillance Program, 2010–2014. *Antimicrobial Agents Chemotherapy*. 2016 Sep 6. pii: AAC.01359–16. URL: <http://aac.asm.org/content/early/2016/08/30/AAC.01359-16.full.pdf>
- Roth VR, Mitchell R, Vachon J, Alexandre S, Amaratunga K, Smith S, Vearncombe M, Davis I, Mertz D, Henderson E, John M, Johnston L, Lemieux C, Pelude L, Gravel D and The Canadian Nosocomial Infection Surveillance Program. Periprosthetic Infection following Primary Hip and Knee Arthroplasty: The Impact of Limiting the Post-Operative Surveillance Period. *In Press Infection Control & Hospital Epidemiology*, 2017; 38: 147–153. URL: <https://www.cambridge.org/core/services/aop-cambridge-core/content/view/21CoB597CFF25207073DFBE09B4FoEAE/So899823X16002567a.pdf/periprosthetic-infection-following-primary-hip-and-knee-arthroplasty-the-impact-of-limiting-the-postoperative-surveillance-period.pdf>

JAMMI (Journal of the Association of Medical Microbiology and Infectious Disease Canada) Management Committee

Chair: Daniel B. Gregson – Calgary, AB

Committee Members:

Vikas Chaubey – Kelowna, BC

Isabelle Chiu – Edmonton, AB

Matthew Cheng – Montréal, QC

Andrew Simor – Toronto, ON

Anupma Wadhwa – Toronto, ON

In early 2016, AMMI Canada launched JAMMI (Journal of the Association of Medical Microbiology and Infectious Disease Canada). JAMMI is solely owned by AMMI Canada and serves as the official publication for the Society.

During the 2016 Council Meeting a decision was made to create the JAMMI Management Committee. This committee would serve to manage all journal matters, unrelated to the specific tasks of the Editorial Board. Council consensus was that JAMMI would be

best served to follow a board structure and the members of the committee were selected.

In late August 2016, the Pulsus Group was sold, which result in JAMMI needing to look for a new publisher.

The JAMMI Management Committee held regular teleconferences throughout the year, especially in light of the need to find a new publisher.

The Management Committee developed and launched a request for proposal in early October, which included an analysis of alternative publishers and self-publishing service agencies. As of December 2016, the AMMI Canada Council decided on a publisher and entered into contract negotiations, with the aim to announce the new publisher in early 2017.

Special thanks go to all authors and AMMI Canada members for their patience through this exhaustive process. We look forward to a successful

re-launch of JAMMI in the spring of 2017 and to continued high-quality submissions from our members. ●

Journal of the Association of Medical Microbiology and Infectious Disease Canada (JAMMI) Editor-in-Chief

John Conly – Calgary, AB

The Canadian Journal of Infectious Diseases and Medical Microbiology (CJIDMM) ceased to be the official journal of the Association of Medical Microbiology and Infectious Disease Canada (AMMI) Canada as of December 31, 2015. In early 2016, the association undertook to create a new journal – JAMMI (Journal of the Association of Medical Microbiology and Infectious Disease Canada) that was owned by the

Society and that would serve as the official publication of AMMI Canada.

The current Editor-in-Chief and Associate Editors worked on JAMMI, the new Society journal, for its initial launch in 2016 but the Journal found itself in need of a new publisher after 6 months due to an unexpected sale by Pulsus. It has taken some time but a new publisher has been found and we expect the next issues of JAMMI to appear in the first quarter of 2017. ●

Continued from previous page (Grants & Awards)

(supervisor: Dr. Nick Daneman), and to Jeremy Soo (University of Alberta) for his project “Biomarkers of inflammation and endothelial activation in vertically HIV-1 infected children” (supervisor: Dr. Michael Hawkes). The Canadian Journal of Infectious Diseases and Medical Microbiology (CJIDMM) Trainee Review Article Award was presented to Dr. Philip Lam, for his article “*Pasteurella multocida* non-native joint infection after a dog lick: A case report describing a complicated two-stage revision and a comprehensive review of the literature”. The recipient of the 2015 AMMI Canada

Trainee Research Award was Dr. Ilan Schwartz, for his manuscript entitled “Clinical characteristics, diagnosis, management and outcomes of disseminated emmonsiosis: a retrospective case series”. The inaugural 2015 AMMI Canada Young Investigator Award was presented to Dr. Donald Vinh, in recognition of his contributions to research in the fields of Infectious Diseases and Medical Microbiology. The recipient of the AMMI Canada Distinguished Service Award was Dr. Fred Aoki, for his longstanding professional achievements and dedicated service to AMMI

Canada. Dr. Mark Wainberg was the recipient of the AMMI Canada Lifetime Achievement Award.

The call for proposals for the 2016-17 grants and awards competition was posted on the AMMI Canada website in December 2016, as well as distributed to all Canadian program directors. There were changes in the grants and awards offered for this cycle, notably, the removal of the CJIDMM Trainee Review Article Award (with JAMMI's transition to a new journal and publisher), as well as the inclusion of Ph.D.-trained Clinical Microbiology

trainees in the eligibility for the bioMérieux post-residency fellowship in microbial diagnostics award. Terms of reference for all awards were revised and accepted, as were criteria for standardization of application packages and evaluation.

In the upcoming year, the Committee will be exploring different avenues of industry-sponsored trainee/fellowship grants. As well, new members will be invited to replace those who have completed their terms. The Committee thanks these latter individuals for their diligent contributions. ●

Education/Continuing Professional Development Committee

Chair: Anupma Wadhwa – Toronto, ON

Vice-Chair (accreditation): Isabelle Chiu – Edmonton, AB

Committee Members:

Julie Carson – Calgary, AB

Yoko Schreiber – Ottawa, ON

Joanne Salmon – Vancouver, BC

Malika Sharma – Toronto, ON

Stephanie Smith – Edmonton, AB

Karen Doucette – Edmonton, AB

Ashley Roberts – Vancouver, AB

Karina Top – Halifax, NS

Caroline Quach – Montréal, QC
(Ex-Officio, President)

1. In collaboration with the Guidelines Committee, a needs assessment was developed and sent out to the AMMI Canada membership. The focus of this needs assessment was AMMI Canada guidelines (format, content, usefulness). The survey received 110 responses from membership. The data has been analyzed and a report has been presented to the guidelines committee.
2. A call for new membership to the committee was undertaken. The existing membership and regions of Canada represented were reviewed. After gaining one new member through this process, targeted requests were sent to people who were felt to be particularly well-suited for the committee. As a result, the committee now has 3 new enthusiastic members.
3. Isabelle Chiu and Riccarda Galioto attended the RCPSC national annual CPD conference. New standards of educational accreditation were released.
4. A face to face meeting is being planned for early 2017. The purpose

of this meeting will be to train our committee members on the new accreditation standards and processes as well as to set the direction for new projects for the committee. This meeting will include a workshop on, 'how to accredit educational offerings' and 'how to write effective learning objectives'. One expected outcome of this meeting will be to have a well-trained committee with the ability to conduct high quality accreditation reviews efficiently.

5. Isabelle Chiu worked closely with the Members-in-Training Committee in the curriculum development of the 2017 Trainees' Day.
6. AMMI Canada once again assisted the Canadian Paediatric Society with the co-development of industry symposia at the Canadian Immunization Conference. AMMI Canada was responsible for three programs.
7. A University Health Network Safety and Quality 3-day workshop was accredited for the RCPSC. This was a physician's organization accreditation.
8. After completion of the pilot, Stephanie Smith and Malika Sharma have taken over the lead of the AMMI Canada online remote mentorship program.
9. The EdCPDC has reviewed all objectives of the 2017 AMMI Canada – CACMID Annual Conference and the committee is starting to accredit the co-developed presentations.

10. An interim report addressing partially adherent standards was submitted to the RCPSC to maintain AMMI Canada as an Accredited CPD provider.
11. Sarah Forgie has stepped down as Chair of the committee. The enthusiasm, innovation, and expertise that she has brought to the committee is greatly appreciated. Anu Wadhwa

has taken over the role of Chair. Isabelle Chiu has agreed to continue in the role of Vice Chair (accreditation). The committee is planning to appoint a second Vice Chair and to send out a call to membership for one or more members-in-training to join the committee.

CPD Activities Accredited and co-developed by AMMI Canada in 2016.

- **AMMI Canada – CACMID Annual Conference 2016**
March 31 – April 2 Sheraton Vancouver Wall Centre, Vancouver, BC
- **25th Annual Canadian Conference in HIV/AIDS Research – CAHR 2016**
May 12 – 15 RBC Convention Centre, Winnipeg, MB
- **Quality Clinical Investigator Practices (QCIP) Training Program**
- **Canadian Immunization Conference (CIC) 2016:**
Co-developed Session: Vaccine-preventable disability
co-developed by AMMI Canada and Sanofi Pasteur
December 6 – 8 Shaw Centre, Ottawa, ON
- **Workshops (part of the AMMI Canada – CACMID Annual Conference 2016):**
 - **STIs on the fringe: what we know and don't know about Trichomonas vaginalis and Mycoplasma genitalium in Canada**
co-developed by AMMI Canada and Hologic, Inc. (March 31)
 - **Antimicrobial Susceptibility Challenges and Opportunities in the Treatment of Patients with Bloodstream Infections**
co-developed by AMMI Canada and Accelerate Diagnostics (April 1)
 - **Debate: Single versus Combination Antibiotic Therapy for Serious Gram-Positive Infections**
co-developed by AMMI Canada and Sunovion Pharmaceuticals Canada (April 2)
- **Integrated Symposia (part of the AMMI Canada – CACMID Annual Conference: 2016):**
 - **C. difficile: Both Sides of the Story**
co-developed by AMMI Canada and Merck Canada Inc. (March 31st)
 - **Back to the Patient: Refocusing Antimicrobial Stewardship**
co-developed by AMMI Canada and Merck Canada Inc. (April 1st)

Communications and Public Relations Committee

Chair: Daniel B. Gregson – Calgary, AB

Committee Members:

Byron Berenger – Edmonton, AB
John Embil – Winnipeg, MB
Gerald Evans – Kingston, ON
Todd Hatchette – Halifax, NS
Bayan Missaghi – Calgary AB
Lynroa Saxinger – Edmonton, AB
Caroline Quach – Montréal, QC
(Ex-Officio, President)

2016 was a year of change. Dr. Mark Joffe's term as Chair of the Communications and Public Relations Committee ended at the March 31st, 2016 Annual General Meeting. The committee is now under the leadership of Dr. Dan Gregson. The Communications Committee held teleconferences in October and December. The focus of the committee in 2016 was to continue to build on the projects launched in 2015, mainly the website.

Website

Phase one of the new website was launched in July 2015. As membership and the secretariat use the website, modifications and revisions are being made to make the website more user-friendly and functional and easy to navigate. In 2016, the website saw upgrades to integrate the membership database with the website, along with making the member section more robust and interactive and we moved to an online membership application platform and real time updating to membership files.

Campaigns

AMMI Canada's Antimicrobial Stewardship and Resistance Committee (ASRC) developed resources to stop inappropriate antibiotic use for asymptomatic bacteriuria in long-term care residents. The campaign aims to reach nurses, nurse practitioners, physicians, pharmacists, front-line healthcare providers, patients, and families involved with long-term care facilities with the view to reduce unnecessary antibiotic use and promote antimicrobial stewardship in Canada.

The ASRC also authored a Business Case document package for Antimicrobial Stewardship Programs. The intent of this initiative was to facilitate healthcare leaders in acquiring the necessary resources from healthcare administrators to launch or improve their own antimicrobial stewardship programs.

All resources for the campaigns were shared with media, healthcare stakeholders and are available [publicly](#) on the AMMI Canada website.

Position Papers / Media

In 2016, AMMI Canada began crafting position papers on specific topics and continues to develop a spokesperson roster to try to facilitate a more streamlined connection between the association and the media.

Press Activities focused on the ASRC – [Symptom Free Pee: Let It Be](#) Campaign, which focused on curbing the use of antibiotics to treat asymptomatic bacteriuria.

Newsletter

Last year the newsletter stopped getting produced and the president's monthly email update has replaced it. A survey was crafted for membership on communications formats going forward (for 2017 circulation).

Twitter

AMMI Canada entered the world of online social media, through the promotion of the ASRC Symptom-Free Pee: Let it be campaign. The twitter hashtag #symptomfreeletitbe had a reasonable degree of success and has bolstered our online presence – by the end of 2016, the Association had 75 twitter followers. The committee developed an internal process with the Secretariat to monitor and respond to social media inquiries in an efficient and timely fashion. ●

Guidelines Committee

Chair: Gerald Evans – Kingston, ON

Committee Members:

Rabia Ahmed – Edmonton, AB
William Bowie – Vancouver, BC
Isabelle Chiu – Edmonton, AB
Jennifer Grant – Vancouver, BC
Todd Lee – Montréal, QC
Atreji Mukherji – Hamilton, ON
Samir Patel – Toronto, ON
Caroline Quach – Montréal, QC
(Ex-Officio President)
Deana Sabuda – Calgary, AB
Abdu Sharkawy – Toronto, ON
Ranjani Somayaji – Calgary, AB
Don Vinh – Montréal, QC
Valerie Waters – Toronto, ON

Mandate of the Committee: to oversee and guide the development and dissemination of guidelines and position statements on behalf of AMMI Canada.

Committee Activities: Two meetings of the full committee have taken place: a face-to-face meeting during the annual conference in Vancouver, BC, April 1 and July 15. Multiple working group teleconferences took place between April and September to develop the Guidelines Committee Needs Assessment. The needs assessment was sent to membership in late 2016. The committee will be reviewing the data from the survey in early 2017.

Continued on next page

Antimicrobial Stewardship and Resistance Committee (ASRC)

Chair: Andrew Morris – Toronto, ON

Vice-Chair: Edith Blondel-Hill – Kelowna, BC

Committee Members:

Kim Abbass – Sydney, NS

John Conly – Calgary, AB

Bruce Dalton – Calgary, AB

Nick Daneman – Toronto, ON

Linda Dresser – Toronto, ON

Sergio Fanella – Winnipeg, MB

Greg German – Charlottetown, PE

Jennifer Grant – Vancouver, BC

Yoav Keynan – Winnipeg, MB

Tim Lau – Vancouver, BC

Nicole Le Saux – Ottawa, ON

Jaime McDonald – Ottawa, ON

Caroline Nott – Ottawa, ON

David Patrick – Vancouver, BC

Caroline Quach – Montréal, QC
(Ex-officio, President)

Yvonne Shevchuk – Saskatoon, SK

Geneviève Soucy – Québec City, QC

Daniel Thirion – Montréal, QC

The ASRC has had a busy year. At the 2016 annual conference, the ASRC met and arrived at two priority projects: an educational toolkit for an approach to asymptomatic bacteriuria, and a business case template for healthcare leaders seeking funding for an antimicrobial stewardship program. The ASRC functioned by dividing into two

separate subcommittees, chaired by Drs. Blondel-Hill (asymptomatic bacteriuria) and Morris (Business Case for ASPs), who met regularly via teleconference and a face-to-face meeting in Ottawa (generously supported by AMMI Canada) on September 29-30, 2016. That meeting included meeting with Canadian Institutes of Health Research (CIHR), Institute for Infection and Immunity and the Public Health Agency of Canada (PHAC), to ensure that the mandate of the ASRC aligned with priorities of these two important federal bodies. The ASRC's final

products on this work were posted on AMMI Canada's website, disseminated with the assistance of many of AMMI Canada's organizational partners (e.g. Accreditation Canada, PHAC, Canadian Nurses Association), and via social media as well.

The ASRC looks forward to continuing to expand its role in leading antimicrobial stewardship efforts across Canada, and will choose at least two more high-priority initiatives in the coming year. ●

Continued from previous page (Guidelines)

Status of Guidelines and Position Statements

Completed

1. AMMI Canada Position Statement – [The Use of Early Antiretroviral Therapy in HIV-infected Persons](#).
2. Joint Consensus Statement between AMMI Canada, the Canadian Orthopedic Association and the Canadian Dental Association: [Dental Patients with Total Joint Replacement](#).
3. Choosing Wisely: As a follow up to the 2015 [infectious disease recommendation](#), a new working group chaired by Dr. Wayne Gold and Dr. Jerome Leis was created to develop a second set of recommendations, this time

focused on medical microbiology. The medical microbiology recommendations were reviewed and commented on by membership on several occasions including a face to face meeting during the annual conference. The final recommendations received council approved in late 2016 and were distributed by Choosing Wisely in early 2017. [Choosing Wisely Canada MM Recommendations](#)

4. A new working group chaired by Dr. Earl Rubin, co-chaired by Dr. Wayne Gold and Dr. Jerome Leis was created in 2016, to develop a third set of recommendations, this time focused on paediatric infectious disease. The goal is to release the recommendations in late 2017.

Documents in Development

1. CPG for the Treatment of CDI – Lead: Dr. Vivian Loo – A working group was established early in 2016. The group met by teleconference twice and started to draft a document. The goal is to release the document in spring 2017.
2. Joint IDSA – AMMI Canada Guideline on the management of Lyme disease. (AMMI Canada Rep. Dr. William Bowie) – In development; expected date of completion 2018
3. Guidelines on HIV PrEP/nPEP – Final Draft from author group completed. Awaiting Council endorsement.

4. Update on The Management of Chronic HCV: 2017 Consensus Guidelines in collaboration with CASL – Final revision from author group completed. Awaiting Council endorsement.
5. Position statement on Direct to Consumer Advertising of Antimicrobials – Lead Dr. Jennifer Grant

Proposed Documents not yet Underway

- Update on CAP – Leads Drs. Gregory German and Ranjani Somayaji
- CMV Diagnostics – Lead Dr. Don Vinh
- Bartonella Diagnostics – Leads Drs. Samir Patel and Valerie Waters ●

Indigenous Health Interest Group (IHIG)

Chair: Yoko Schreiber – Ottawa, ON

Members:

Tom Wong – Ottawa, ON
Robert Parker – Kelowna, BC
Adekunle Sanyaolu – Calgary, AB
Marina Ulanova – Thunder Bay, ON
Stuart Skinner – Saskatoon, SK
Pam Orr – Winnipeg, MB
Wendy Wobeser – Kingston, ON
Sam Wong – Edmonton, AB
Malika Sharma – Toronto, ON
Anna Majury – Kingston, ON
Shannon Turvey – Edmonton, AB
Jesse Papenburg – Montréal, QC

Following an offer by Dr. Quach of an “open door” to discuss new ideas for AMMI Canada, Yoko Schreiber proposed the creation of an Indigenous Health Interest Group to better address infec-

tious diseases encountered by Canada’s First Nations, Métis and Inuit People.

The purpose of the IHIG is to:

1. Serve as a national forum for members to share knowledge, experience and resources related to Indigenous Health and Infectious Diseases
2. Provide the opportunity to collaborate on initiatives
3. Develop, in consultation and partnership with Indigenous leadership, a national framework for preventing and managing infectious diseases
4. Inform and educate AMMI Canada members and committees on the unique needs of Indigenous People

Since its inception and much brainstorming, the IHIG has undertaken the following activities:

1. Members have reached out to Indigenous leadership including the Assembly of First Nations, the Métis National Council, and Inuit Tapiriit Kanatami, BC First Nations Health Authority, regional Medical Officers of Health, and other stakeholders to solicit input on community priorities related to infectious diseases. Knowledge garnered through these discussions will inform a national framework for preventing and managing infectious diseases in Indigenous communities that seeks to include Indigenous perspectives on health and well-being.

2. The IHIG plans to assess for unmet and/or unperceived needs with respect to Indigenous knowledge among its membership through a needs assessment. Based on identified knowledge gaps, the IHIG will develop educational tools or events. This may occur in collaboration with the Education Committee as part of a “National curriculum.”
3. Members have created and contributed to a repository of relevant research and resources

The IHIG is in the process of drafting Terms of Reference to change into an Indigenous Health Committee. This will provide group members with an opportunity to work closely with other AMMI Canada committees to promote awareness about the unique needs of Indigenous populations. ●

Nominations Committee

Chair: Daniel B. Gregson – Calgary, AB

Committee Members:

B. Lynn Johnston – Halifax, NS
Mel Krajden – Vancouver, BC

The 2016 Nominations Committee was appointed at the 2016 AMMI Canada Annual General Meeting. The committee was comprised of Past-President Daniel Gregson as Chair, and two members-at-large: B. Lynn Johnston (Halifax, NS) and Mel Krajden (Vancouver, BC).

The committee held teleconferences and communicated by email in the fall

of 2016 to identify positions that would be vacant following the 2017 Annual General Meeting and to recruit individuals who would be willing to serve.

The following Board Members’ terms will expire at the 2017 Annual General Meeting (AGM):

Deborah Yamamura,
Secretary (Hamilton, ON)
Mark Tyndall,
Director (Vancouver, BC)
Romina Reyes,
Director (Burnaby, BC)

The following AMMI Canada members have agreed to be named to the Board for the 2017–2019 term.

Terence Wuerz,
Secretary (Winnipeg, MB)
Isabelle Chiu,
Director (Edmonton, AB)
LeeAnne Luft,
Director (Kelowna, BC)

The Nominating Committee’s slate of candidates for AMMI Canada Council positions was sent to membership for review and consideration on February 1, 2017. At that time membership was provided the opportunity to nominate alternative candidates. The deadline for submitting alternate candidates passed with no additional nominations put forward. ●

Program Planning Committee

Chair: Isabelle Chiu – Edmonton, AB

Vice-Chair: Titus Wong – Vancouver, BC

Committee Members:

Edith Blondel-Hill – Kelowna, BC
William Connors – Miami Beach, FL
Gerald Evans – Kingston, ON
Todd Hatchette – Halifax, NS
Jennie Johnstone – Toronto, ON
Nancy Matic – Toronto, ON
Matthew Oughton – Montréal, QC
David Patrick – Vancouver, BC
Susan Poutanen – Toronto, ON
Caroline Quach – Montréal, QC
(Ex-officio, President)
Earl Rubin – Montréal, QC
Anupma Wadhwa – Toronto, ON

Thanks to all those who attended, AMMI Canada enjoyed a very successful meeting this year in Vancouver! The weather cooperated and attendees were treated to some beautiful West Coast sunshine. Almost 500 delegates descended on Vancouver to attend the conference and were rewarded with a top notch scientific meeting as well as great culinary and shopping experiences that Vancity is famous for. Evaluations from conference attendees were extremely positive – citing high caliber speakers and relevant topics, giving the Conference another “thumbs up”. The Sheraton Wall Center, once again, did a great job hosting our conference. Thank you to the delegates who stayed at the Wall Center, enabling us to fill our room block, thus keeping our conference cost down, which benefits all of us.

As soon as the 2016 meeting wrapped up, members of your Program Planning Committee started planning the 2017 meeting, which will be held in Toronto, ON May 3 – 6, 2017. Through the summer, fall and winter, the Committee held many

teleconferences, exchanged numerous emails and volunteered countless hours to put the 2017 program together. As this report goes to press, we are still hard at work, putting the final touches on the sponsored symposia and workshops. I would like to welcome our new members to the Program Planning Committee and thank all our members (old and new) who work so tirelessly, donating their time so generously to ensure every meeting is of the highest caliber.

Through collaboration with the Education and Continuing Education Committee, we, once again, incorporated the findings from AMMI Canada’s Needs Assessment into the program planning process. We also listened to our attendees’ feedback. As a result, we believe we have developed a program that reflects the needs of our members and conference attendees of various backgrounds. There will be something for everyone – Public Health, Adult and Paediatric Infectious Diseases, Infection Control and Prevention, Clinical Microbiology, Laboratory Technologists, Bench Scientists, Trainees etc. New this year, we have added “Quality Improvement” to our What’s Hot Plenary. We trust this hot topic will be of interest to everyone.

The Conference will begin with the ever-popular Trainees’ Day and CCM Workshop on May 3, 2017. The formal program will start on May 4, 2017 and will feature three Plenary Sessions and two State of the Art Clinical Lectures. You can look forward to a Resurgent Infectious Diseases Plenary where measles, mumps, Zika and other viruses will be featured.

The increasing threat of antimicrobial resistance and the role of the laboratory in testing and reporting will be discussed in the second Plenary, together with updates on treatment options for these multidrug resistant organisms. The What’s Hot Plenary will round out the plenaries on Sat May 6, 2017. We will feature speakers on Quality Improvement as well as Adult and Paediatric Infectious Diseases. The State of the Art lecture sponsored by the Canadian Foundation for Infectious Diseases (CFID) will provide an update on Hepatitis C care in Canada. The other State of the Art lecture will be a review of Novel Technologies in Microbiology and their benefits beyond the lab. The Incubator had a fantastic debut in Vancouver 2016 and therefore, will be back for Toronto 2017! Come and decide for yourself who has “incubated” the best idea. This year’s Special Lecture is entitled “Sex and Infection – Is it Better to be a Woman?”. Now, who would want to miss that? Poster and oral presentations will continue, as will the ever-popular Clinical Vignettes, albeit with a new format.

Co-developed Integrated Symposia and workshops will round out the outstanding lineup of presentations this year, many of which will incorporate case studies, debates and panel discussions in their formats. This move away from didactic lectures towards increased audience participation is not only encouraged, but is required, by the Royal College of Physicians and Surgeons of Canada for accreditation. There will also be time to

reconnect with your colleagues from across the country and abroad at our Exhibit Hall, Welcome Reception and throughout the 4-day conference.

New this year, instead of a formal Closing Dinner, the Central Planning Committee decided to try something different. We have reserved spots at several local downtown eateries for the evening of Saturday, May 6, 2017. Delegates are encouraged to book your dinners there as a group & use this as a chance to mix and mingle with friends and colleagues. See Preliminary & Final Programs for details. So please join us in May 2017 in Toronto for a very exciting meeting.

The work for the Program Planning Committee continues to increase. In addition to taking over the planning of all the sponsored symposia and workshops to meet Royal College of Physicians and Surgeons of Canada’s requirement, we have also co-developed programs for other physician organizations such as the Canadian Immunization Conference held this year in December 2016.

I would like to thank those members of the Program Planning Committee as well as our counterparts at CACMID who have volunteered so much of their time to put together such a great meeting for you. Finally, none of our work would be possible if it weren’t for the amazing team at the AMMI Canada Secretariat – thank you for keeping us on track – Riccarda, Paul and Natalee! ●

See you all in Toronto!

Infectious Disease (ID) Section

Chair: Jennifer Grant – Vancouver, BC

This year is my first year as representative for ID at AMMI Canada and I have spent the time learning the ropes, and following up on the many projects that Dr. Libman managed so well during his tenure. This year we have seen many exciting developments with AMMI Canada in the field of infectious diseases including revisions of the Royal College objectives, review of documents with the guidelines committee and participation the Lyme disease senate hearings.

With respect to training programs, the issue of competency based assessment

for residents has been pushed back due to concerns from training programs, the projected start date has not been announced, but is likely 2019 or later for infectious diseases. The Infectious Diseases Specialty Group has reviewed and submitted revisions on standards documents, which were accepted by the Royal College. Changes to the training program include making Stewardship, Infection Control and Public Health mandatory rotations for all ID trainees. Also, new to all internal medicine specialties is that entering residents will

do their Royal College exams at the end of third year allowing them to concentrate more fully on their specialty training from the outset of fellowship.

Follow-up for Lyme disease initiatives with the federal government were carried on by other members of AMMI Canada, to help support evidence based management of Lyme surveillance and guidance recommendations.

I have had the opportunity to participate as the liaison for AMMI Canada to the Society for Health Care Epidemiol-

ogy (SHEA) guidelines committee. This group has been working on several initiatives including guidance for infection control in anaesthesia, duration of precautions guidelines, initiation of antibiotics in long term care, guidance for emerging pathogens and infection control, as well as a handbook to guide SHEA sponsored guidance documents.

As my tenure moves forward I am looking forward to being able to continue to participate in all the wonderful activities of all AMMI Canada members. ●

Medical Microbiology (MM) Section

Chair: Susan Poutanen – Toronto, ON

Education/Training: The Royal College Specialty Committee in Medical Microbiology led by David Haldane has reviewed and updated the Goals and Objectives for training in Medical Microbiology and the Final in-Training Evaluation Report which are awaiting approval by the Royal College prior to being released. The Examination Committee led by Debbie Yamamura reported that the pass rate of the 2016 exam was very satisfactory (average pass rates of fully Canadian trained first-attempt candidates from 2014 through 2016 is reported as 95.8%); the most challenging part of the 2016 exam for most trainees was noted to be in basic microbiology identification – a lost art given the move to MALDI-TOF. Residents

also noted weakness in training in biosafety. Programs are encouraged to include traditional microbiology training and biosafety for all enrolled trainees. The implementation of a Competence by Design program for medical microbiology is scheduled to be in Cohort 6 expected to go live in July 2021.

Career/Employment Opportunities: Job opportunities for both Medical and Clinical Microbiologists continue to be posted across the country.

Choosing Wisely: The Medical Microbiology Choosing Wisely Working Group completed consultations regarding their recommendations at the AMMI Canada – CACMID meeting and through online feedback on the AMMI Canada website. Recommendations were accepted by

Council and were published online at <http://www.choosingwiselycanada.org> on February 1, 2017. A paediatric specific set of Choosing Wisely recommendations for infectious diseases and medical microbiology are in the process of being created.

The Canadian Leadership Council on Laboratory Medicine (CLCLM) and the Canadian Alliance of Laboratory Medicine (CALM): CLCLM was organized by the RCPSC in 2011 to address issues such as quality management, workload, and new technologies and education within laboratory medicine. This is a broad-based group which includes many interested groups beyond just physicians practicing laboratory medicine. CALM was formed at the same

time with the mandate to cooperate on issues of mutual interest in laboratory medicine, including but not limited to quality assurance, resources and education; to create working groups to address particular issues; and to advocate for Laboratory Medicine. Both groups meet at the annual meeting of the Canadian Association of Pathologists. Both CLCLM and CALM will be contacted to confirm ongoing medical/clinical microbiology representation at their meetings.

Biosafety Practices related to Specimens with Query Prions in the Diagnostic Laboratories: The Public Health Agency of Canada (PHAC) has

Continued on next page

Paediatric Committee

Chair: Earl Rubin – Montréal, QC

Committee Members:

Julie Autmizguine – Montréal, QC
Jeanette Comeau – Halifax, NS
Soren Gantt – Vancouver, BC
Marie-Astrid Lefebvre – Montréal, QC
Christian Renaud – Laval, QC
Susan Richardson – Toronto, ON
Anupma Wadhwa – Toronto, ON
Caroline Quach – Montréal, QC (Ex-Officio, President)

This newly created committee has a purpose to serve as a national resource for the members of AMMI Canada who are Paediatric Infectious Diseases Specialists and/or Microbiologists for the ongoing optimization of Continuing Medical Education as it pertains to paediatric topics; to follow the Royal College mandates as they pertain to training programs in Paediatric ID; to facilitate communication between Canadian Paediatric Infectious Disease and Microbiology specialists; to help publicize scientific advancement and contributions of our Canadian Paediatric Infectious Disease and Microbiology communities; to ensure adequate representation of the paediatric population on all AMMI Canada committees. Since the last Annual Meeting held in April 2016 in Vancouver, this committee met once by teleconference on Friday, October 21st. Earl Rubin attended and presented on behalf of this committee to

the Spring Council Meeting in Montréal, Quebec, on Saturday December 10, 2016. The Paediatric Committee is currently working on 3 main initiatives:

Terms of Reference

The committee reviewed and modified the Terms of Reference Document, that was ratified and approved at the December council meeting.

Membership

The committee is currently made up of a core group of members with an outreach to all the paediatric specialists in the association. They are in the process of determining how to be more inclusive of paediatric medical microbiology specialists.

Susan Richardson and Christian Renaud are on this committee to ensure adequate and fair representation of the people involved with Paediatric Microbiology, either as a Medical or Clinical Microbiologist. The members were chosen to represent different geographic areas, as well as other roles.

As of submission of this annual report, there are three potential candidates to fill the post of the Trainee on the committee. A final decision is forthcoming.

Choosing Wisely Canada Recommendations

The committee reached out to AMMI Canada members in November 2016 to solicit input on Paediatric-specific Choosing Wisely recommendations. As well, all committee members submitted their own recommendations for the 5 (five) Choosing Wisely statements. There were 17 possibilities put forward, and the committee decided on 8. In preparation of the face-to-face meeting taking place on May 6th as part of the annual conference, the recommen-

dations will be put forward to the AMMI Canada membership for review, consideration and comment. These comments will help inform the discussion and approval process.

After the meeting, the group will finalize the recommendations which will be submitted to council for final approval and then submitted to the Choosing Wisely Canada group. They in turn, will then send out the recommendations of AMMI Canada to all Choosing Wisely delegates for input, and following that will choose to approve the statements. ●

Continued from previous page (MM)

archived guidance related to specific biosafety practices as they related to specimens with query prion disease. These are very conservative and are not necessarily in keeping with infection control practices or practices in other areas of the world. PHAC is interested in updating this guidance with input from medical and clinical microbiology representatives. A general call to membership will be forthcoming inviting AMMI Canada members to participate in a prion working group to review documents and provide advice to PHAC.

Online Forum/Email Listserv for Microbiology-related Q&A: A discussion forum currently exists on the AMMI Canada website and it was used widely by members during the consultation process of the draft Medical Microbiology Choosing Wisely Recommendations. An informal poll of medical and clinical microbiologists suggests that there is a demand for an informal forum/email listserv to facilitate asking questions and sharing ideas among AMMI Canada members. Look out for communication in the near future for further details regarding accessing the forum/email listserv. ●

Royal College Specialty Nucleus Committee in Medical Microbiology

Chair: David Haldane – Halifax, NS

Vice Chair: Tony Mazzulli – Toronto, ON

Committee members:

Romina Reyes (Region 1)

Paul Van Caesele (Region 2)

Cheryl Main (Region 3)

Danielle Rouleau (Region 4)

Peter Daley (Region 5)

Ex-officio members:

Deborah Yamamura (Chair, Examination Board in MM)

Cheryl Main (Chair, Specialty Committee in Infectious Diseases)

Susan Poutanen is our representative at the National Specialty Society, starting in 2017. We thank the committee members for their ongoing participation.

The committee met twice in face to face meetings (at the AMMI Canada meeting in Vancouver and at the Royal

College in November). David Haldane, as Chair, attended a workshop for Specialty Committee Chairs in November at the Royal College. Work continues on the suite of documents. The Objectives of Training were addressed and were updated to the CanMEDS 2015 format. Most of the competencies were completed in the spring and the Medical Expert section was completed in November. The philosophy of these documents is slightly different from the 2012 version. Rather than spell out every detail, if residents have questions it is felt the program director will be able to interpret the objectives for them. Now that these documents have been sent for approval, we are now working on the

FITER. A draft of a new FITER corresponding to the new Objectives of Training has been created and is being reviewed by the full committee, which includes the program directors. Medical Microbiology is in the 2019 cohort for the implementation of Competency by Design, so this is the last time the documents will be updated before that 3-year process of implementation begins. The Chairs' Workshop included discussions about the experience of specialties that are in the process of implementing Competence by Design (CBD) and thoughts about how to prepare. It also included proposed changes to accreditation of programs, and information on sources for human health resources for the

specialty. A report of that meeting was sent to the program directors.

One program, Université de Sherbrooke, was surveyed this year and received full approval. There are now 12 programs across the country.

Deborah Yamamura continues in the position of Chair of the Examination Board in Medical Microbiology. The format of the exam will change with the practical component subsumed into the OSCE that is used to replace the Oral component. We are grateful for the work of the Chair, Vice Chair and all the members of the Examination Board, for this important contribution to the specialty. ●

Royal College Specialty Nucleus Committee in Infectious Disease

Chair: Cheryl Main – Hamilton, ON

Vice Chair: William Ciccotelli – Kitchener, ON

Committee Members:

Alissa Wright (Region 1)

Marissa Becker (Region 2)

Anu Wadhwa (Region 3)

Marty Teltscher (Region 4)

Daniel Smyth (Region 5)

The mandate of this committee is to steward the specialty of Infectious Diseases.

The committee held one face-to-face meeting in 2016.

This committee has completed the following work in 2016:

1. Appointment of new members for all positions, except a region 2 representative.
2. Royal College approval and implementation of updated Standards for Training (STR) for Infectious Diseases.
3. Appointment of Dr. Anu Wadhwa as the new chair for the Infectious Diseases Examination Board. She has implemented a new, innovative, and evidence-informed approach of 'peer review' for exam development. The psychometric review of the 2016 exam has shown that all exam questions performed well with good discrimination indices.
4. Accreditation of 3 training programs (Université de Sherbrooke – Adult, University of Ottawa-Adult, and University of Ottawa-Paediatrics)
5. Provided feedback to CanRAC on the draft of General Accreditation Standards for Residency Programs and General Accreditation Standards for Residency Institutions.
6. Approval of the Review of Infectious Diseases report by the Royal College Committee of Specialties.

Work for the coming 12 months include

Work on revising Objectives of Training (OTR) need to be updated to match the revised STR and be put into CanMEDS 2015 framework. This will help to position us for the transition to Competence by Design (CBD).

Start preparing the Specialty Committee for the transition to CBD. The Subspecialty of Infectious Diseases is slated to begin transitioning in July 2019. The first CBD cohorts will go live in July 2017 and we will continue to learn from their experiences. ●

Members-in-Training Committee

Chair: Nancy Matic – Toronto, ON

Committee Members:

Hilal Al Sidairi – Halifax, NS

Justin Chen – Edmonton, AB

Sarah Cherian – Vancouver, BC

Eric Gaudreault – Québec City, QC

Lee Goneau – Toronto, ON

Lisa Li – Vancouver, BC

Inna Sekirov – Vancouver, BC

William Stokes – Calgary, AB

Shazia Masud – Vancouver, BC

Anupma Wadhwa – Toronto, ON

(Ex-officio Education and Continuing Professional Development Chair)

Isabelle Chiu – Edmonton, AB

(Ex-officio Program Planning Chair and Annual Conference Scientific Planning Committee Co-Chair)

This committee aims to represent the Members-in-Training membership of AMMI Canada by encouraging their participation in the development of future conferences and strategic planning of

the Association and to encourage future involvement in the governance of the Society.

Trainees' Day 2016 was held in Vancouver, British Columbia as part of the AMMI Canada – CACMID Annual Conference. Sessions included: Strategies and Resources for Exam Preparation, Finding an Optimal Practice Model, Surviving During the First Few Years of Practice and Things I Wish I Knew During Residency. In addition to networking opportunities, trainees were given opportunity to express interest in becoming involved in future Members-in-Training Committees. Attendees also provided feedback via an on-line survey, indicating that the topics were well-received and generating ideas for sessions at future Trainees' Days.

A call was sent to membership on June 28th and a total of nine (9) current Members-in-Training responded to express or re-affirm their interest in participating in the committee. Seven were ratified by Council to serve on the committee on July 25th, 2016.

The first teleconference of the 2017 Members-in-Training Committee was held on August 5th, 2016. Items of discussion included: General overview of Trainees' Day, brainstorm of topics for Trainees' Day 2017, and formation of working groups. Topics were selected based on input from current committee members as well as feedback from last year's survey. Members of the committee subsequently communicated by e-mail to plan topic objectives and invite potential speakers. Efforts were made to include speakers from across

Canada with diverse academic backgrounds to appeal to a broad audience of trainees. To date, nearly all invited speakers have confirmed their session objectives.

Trainee's Day 2017 will focus on Professional, Leader, and Scholar CanMEDs roles. We plan to feature the following sessions: Navigating Relations with the Pharmaceutical Industry, Job Opportunities Panel Discussion, How to Give a Fun/Outstanding ID Presentation, and Academic Writing Skills. We will continue to work with speakers to confirm session content and finalize objectives.

We sincerely thank the AMMI Canada staff and all the Members-in-Training Committee members who have worked so diligently to plan this year's Trainees' Day. ●

Treasurer's Report

Andrew E. Simor – Toronto, ON

The 2016 AMMI Canada budget has been finalized and reviewed by our auditor. The year-end budget closed with a deficit of \$54,858, and net assets of \$945,938.

Most of the revenues in the past year came from membership dues and revenues generated from the joint AMMI Canada – CACMID Annual Conference. Membership dues in the past year generated total revenues of \$128,901, although \$38,268 of this amount represent dues paid in 2016 for prior years. Thus, revenues for mem-

bership for 2016 amounted to \$90,633. However, the major reason for the budgetary deficit in 2016 is attributable to decreased net income derived from the annual conference held in Vancouver (\$159,508 in 2016, as compared to \$219,973 in 2015). The primary reason for this shortfall is due to decreased income from corporate sponsorships (only \$290,435 in 2016). It is clear that there will be fewer opportunities for generating conference income from sponsorship fees for the foreseeable future, and this will need to

be taken into account when planning future conference budgets.

An agreement has now been finalized between AMMI Canada and the University of Toronto Press (UTP) to publish our association's journal, Journal of the Association of Medical Microbiology and Infectious Disease Canada (JAMMI). Naturally, there have been expenses in the past year associated with this change away from Pulsus, including legal fees and page charges (approximately \$41,645). It may take a few years before the "new" journal becomes

cost-neutral or generates net revenues for the association.

There have recently been changes at the association's Secretariat that will have budgetary implications. In recognition of her skills, expertise, and evolving role profile, Riccarda Galioto has been promoted to the position of Executive Director (with an associated increase in her salary and benefits). Natalee Rubec is no longer on the Secretariat, and a search for her replacement is about to get underway. ●

Auditor's Report



INDEPENDENT AUDITORS' REPORT ON 2016 SUMMARIZED FINANCIAL STATEMENTS

To the Members of the Association of Medical Microbiology and Infectious Disease Canada (AMMI Canada)

The accompanying summarized statement of financial position and summarized statements of revenue and expenses and cash flows are derived from the complete financial statements of the Association of Medical Microbiology and Infectious Disease Canada (AMMI Canada) as at December 31, 2016 and for the year then ended on which we expressed an opinion without reservation in our report dated April 10, 2017. The fair summarization of the complete financial statements is the responsibility of management. Our responsibility, in accordance with the applicable Assurance Guidelines of the Canadian Auditing Standards, is to report on the summarized financial statements.

In our opinion, the accompanying financial statements fairly summarize, in all material respects, the related complete financial statements in accordance with the criteria described in the Guideline referred to above.

These summarized financial statements do not contain all the disclosures required by Canadian accounting standards for not-for-profit organizations. Readers are cautioned that these statements may not be appropriate for their purposes. For more information related to the organization's financial position, results of operations and cash flows, reference should be made to the related complete financial statements.

Frouin Group Professional Corporation
Licensed Public Accountants

Ottawa, Ontario
April 10, 2017

FROUIN GROUP PROFESSIONAL CORPORATION
CHARTERED PROFESSIONAL ACCOUNTANTS
2301 Carling Avenue, Suite 101, Ottawa, ON K2B 7G3
Tel: 613-230-1022 Fax: 613-230-2954

Financial Statements

ASSOCIATION OF MEDICAL MICROBIOLOGY AND INFECTIOUS DISEASE CANADA (AMMI CANADA)

STATEMENT OF FINANCIAL POSITION AS AT DECEMBER 31, 2016

	2016	2015
ASSETS		
Cash	\$ 89,406	\$ 229,616
Investments	782,257	772,081
Accounts receivable	20,926	27,927
Other assets	53,349	77,894
	\$ 945,938	\$ 1,107,518
LIABILITIES		
Accounts payable and accrued liabilities	\$ 34,150	\$ 25,314
Deferred revenue and deferred contributions	135,641	251,199
	169,791	276,513
NET ASSETS		
Internally restricted and invested in capital assets	378,905	389,301
Unrestricted	397,242	441,704
	776,147	831,005
	\$ 945,938	\$ 1,107,518

STATEMENT OF REVENUE AND EXPENSES FOR THE YEAR ENDED DECEMBER 31, 2016

	2016	2015
REVENUE		
Fellowship	\$ 70,000	\$ 70,000
Membership dues	90,633	82,224
Conference	526,400	572,406
Accreditation	39,088	23,766
Other	35,856	32,706
JAMMI/CJIDMM and advertising	5,945	44,481
	767,922	825,583
EXPENSES		
Accreditation	20,997	23,016
Awards	8,652	5,485
JAMMI/CJIDMM	41,645	14,777
Conference	366,892	352,433
Fellowship	70,000	70,000
Meetings	47,189	22,761
Office administration	46,603	55,306
Professional fees	32,462	23,248
Rent & services	29,516	30,211
Salaries and benefits	154,400	153,861
Travel	4,424	3,073
	822,780	754,171
EXCESS OF REVENUE OVER EXPENSES FOR THE YEAR	\$ (54,858)	\$ 71,412

STATEMENT OF CASH FLOWS FOR THE YEAR ENDED DECEMBER 31, 2016

	2016	2015
Provided by (used in) operating activities	\$ (130,034)	\$ (117,625)
Investing activities	(10,176)	13,717
Cash, beginning of year	229,616	333,524
CASH, END OF YEAR	\$ 89,406	\$ 229,616