

**Analytical Chemistry Division of the CIC
2018 Annual General Meeting**

Shaw Conference Center, Salon 5, Edmonton, AB

Tuesday, May 29, 2018, 6:00 pm

Executive:

Chair – Kevin Thurbide (Calgary)

Vice Chair/Secretary – Jean-Francois Masson (Montreal)

Treasurer – Christina Bottaro (Memorial)

Past Chair – Ken Yeung (UWO)

Members at large:

Christa Brosseau (St. Mary's)

Denis Boudreau (Laval)

Alan Doucette (Dalhousie)

Michael Serpe (Alberta)

Russ Algar (UBC)

Chris Flinn (Memorial, honorary member/financial verifier) – Absent

Conference Analytical Program Chairs:

2018 – James Harynuk (Alberta)

2019 – Zhifeng Ding (UWO) - Absent

Agenda

1. Approval of Agenda
2. Approval of Minutes from 2017 ACD Executive Meeting (Toronto)
3. Business Arising from Minutes
4. Chair's Report (KT)
 - A) Acknowledgement of CSC 2018 organizer
 - B) Award Update
 - C) CSC/CIC Awards, Student Awards, Regional Conference Awards
 - D) Subject Division Update and Motion
5. Treasurer's Report (CB)
6. Conference Report for CSC 2018, Analytical Division (JH)
7. Analytical Sessions for CSC 2019 in Quebec City (KT for ZD)
8. Other Business
9. Adjournment

Start Time: 6:07 PM

1. Approval of Agenda. Motion: JH , second: RO
2. Approval of Minutes from 2017 ACD AGM (Toronto). Motion: RA , second: MM
3. Business arising from minutes.

No comments.

4. Chair's Reports

- A) The Chair acknowledges the hard work and dedication in the organization and fund raising of the analytical program by our local organizer, James Harynuk. He expressed appreciation in particular to his efforts in organizing the Exec dinner, the annual ACD dinner and fund raising for the division. He also acknowledges his organization of a very successful conference and all members who agreed to serve as poster judges.

Members all thanked JH for organizing the analytical program.

- B) The Chair formerly announced changes to some divisional awards in the last year. First was the renaming of the Undergraduate Student Travel Award to the Undergraduate Student Travel Award in Honor of Dr. Nick Toltl, as agreed to at last year's AGM. The first winner of this renamed award is Jonathan Wong (2018).

Next the Chair announced that Maxxam Analytics terminated their support for the Maxxam Award in this last year due to financial concerns. He gratefully acknowledged their support for this award going back several years and reported that due to the loss of funding, the award was terminated.

As per the directive at last year's AGM, the Chair solicited help from the division for those who may know of a potential new sponsor to support a major analytical award in its void. The Chair gratefully acknowledged the support of Michael Siu and Janusz Pawliszyn in approaching potential donors for a new award. After much searching and discussion, a new sponsor for a major analytical award was identified. The University of Windsor is sponsoring a new major analytical award, The Ricardo Aroca Award, effective 2018. Same terms and mandate as former Maxxam Award, effectively replacing it. The sponsor is enthusiastically supporting the award and the division with a long term vision that will add a great portion of much needed stability for this important distinction. The Chair gratefully acknowledges their willingness to fund this effort. Rather than year to year as before, we now have 5 year blocks secured and on hold. The inaugural winner of the award is Lars Konermann. 2019 appears to be restricted to Government/Industry, so get the word out and solicit nominations.

Members thanked the University of Windsor for sponsoring the Ricardo Aroca Award. KT presented the work and career of Ricardo Aroca to answer a question of KW.

C) CSC/CIC Awards, Student Awards, Undergraduate Regional Conferences

We acknowledge the continuous support of our award sponsors: Sciex (McBryde), University of Windsor (Ricardo Aroca) and Thermo Fisher Scientific (Beamish). We are hopeful for their continued support of these important awards.

Thanks also to the ACD MALs for serving on the evaluation committee of these awards:
Ricardo Aroca, Beamish
Ryan
Undergraduate Student Travel Award in Honor of Dr. Nick Toltl

See Appendix A for a list of awardees. Congratulations to all winners!

Christa Brosseau presented the Ryan award to Audrey Picard-Lafond.

Alan Doucette presented the Undergraduate Student Travel Award in Honor of Dr. Nick Toltl to Jonathan Wong.

The members congratulated the 2018 analytical chemistry division award winners.

These are also posted in our newsletters. We also thank Russ Algar for his excellent work in producing these newsletters.

ACD poster competition for CSC 2018 will be held on Wednesday, May 30. Poster Judges Needed (~22 or more). Please see James Harynuk. There are 30 and 6 entries for the graduate and undergraduate competitions, respectively. Two awards will be given out for each of the graduate (\$200 and \$100) and undergraduate posters (\$150 and \$50). Poster award winners will be presented at the CSC Student Awards Reception on Thursday, May 31 at 12:00-12:30 in the Shaw Assembly Foyer.

- D) At the subject division meetings this year, there was continued discussion on a new conference model for the CSC meetings. One was a national model, where members were elected for terms (e.g. 2-3 yrs) to help organize the meeting, the other was to have remote schools across Canada organize the meeting in one of the now 10 decided locales. Others suggested a blended model. A decision is coming.

KT presented the different models that are currently being evaluated by the CIC.

There is a continued press for all divisions to remove large equity/committed funds from their books. In the ACD's case, we have a \$69 708 pool of funds that is dedicated to supporting our annual funding of the Ryan-Harris award, the UGTA, and conference support (regional/national awards). The CIC is asking us for a plan to deal with it. The Chair presented items for consideration/discussion.

KT explained that the GIC funds are dedicated to the division's awards and activities. However, the CSC would prefer that the division keeps balance close to operating budget.

MSiu asked if the funds are a formal endowment and KT explained that the division has access to the funds but this is not a formal endowment; the same issue raised by the CSC.

KT presented motion 1. He explained that the return we currently get from the GIC is less than the cost of the awards they are intended for. The CSC endowment is having a better interest rate. The division could transfer the funds to CSC and create a TOR for how the division wants to spend the funds. CSC or division cannot spend funds for other purposes. The transfer of the GIC funds is irreversible; once handed to CSC the division cannot reclaim the funds. CBottaro asked for clarifications. The division will not have control of the funds and they will be managed by the CSC endowment fund.

KT asked the division for a mandate for the executive to transfer the funds to CSC.

RA mentioned that a 10-year gift is considered an endowment according to his sources. He suggested that we could endow the funds for 10 years in this way.

JM asked if the division or CSC are not-for-profit and if a trust could be used instead.

KY said that CIC and the division are not-for-profit. CIC and the divisions are audited by the government as a single entity. The funds in our books thus reflect on the society.

AE mentioned that we would otherwise need to spend the funds if we don't transfer them. KT confirmed this was the case.

DWilson asked if the CSC could object to the TOR. KT stated that we need to have them approved first with the CSC before transferring the funds.

RO asked if we could endow part of the funds, rather than all. CBottaro answered that we are already at the desired balance and the proposed transfer is accounting for that.

KWaldron asked if we talked to the inorganic division. KT mentioned that they (and others) seem happy with having transferred their funds similarly. KT explained the context. KW mentioned that we are under the CIC and that we have members in the technologist and engineers, which is unique to our division.

MM asked if we have a paper trail of the donations to show the intention of the donors to the division. MM mentioned that we are liable to our donors. KT answered that we would keep the amounts in our books, with the interest compounded amount showing up once a year in our books.

SMurch said that another board received a notification that they were liable for an amount not transferred and mismanaged, and mentioned that it is in the best interest, for the division, to transfer liability to the CSC.

CBottaro mentioned that we need to make sure that we take into account the higher interest rate that would help the division. She said she feels better about the transfer, now that we have more information.

KWaldron mentioned that the analytical division typically has a healthy financial outlook.

JSmith said that the end result is the same in both cases and could protect the division.

KT mentioned that we could wait possibly 1-2 years to finalize a plan if division wanted. ADoucette said that we would be paying for that time, due to lower interest rates.

JMarshall asked about the structure. CBottaro said we follow the same rules as in our universities. We ask for the receipts and keep a paper trail of all transactions.

KT said that if we get the funds off our books, it protects them for the future. CBottaro said that they are the signing authority on the account.

KT asked for a motion, according to motion 1 below.

KY motioned (JH second) to transfer the funds from the GIC to the CIC. Unanimously agreed by the members. Motion carried.

Motion 1: The ACD transfer the award funds from their GICs (due July '18) to the CSC for management.

KT mentioned that we need a TOR for the funds we transfer. The TOR in Appendix E is based on the current TOR for the various residual awards and activities targeted by the funds. The TOR presented captures the current activities of the division.

KWaldron presented an example of the ACD support towards prizes for an international conference held in Canada and asked whether this is included in the TOR. KT agreed that this is in the TOR.

JMarshall asked whether the money can only go to the entities listed to avoid that funds be directed to non-ACD activities. The TOR dictate that the ACD intentions for the funds will only be targeted.

Discussion was held on if the division has criteria on the term we hand out the awards. KT mentioned that the terms are dictated in the TOR.

KT put a motion for approval of the TOR in Appendix E. JH seconds. Unanimously agreed. Motion carried.

Motion 2: The ACD approve the new TOR for our conference support awards to include them.
See Appendix E.

5. Treasurer's Report (CB). CB to present the annual budget highlights.
See Appendix B

CB presented the financial report in appendix B. No question from the members.

6. Conference Report for CSC 2018, Analytical Division (JH). JH to present the overview of the 2018 CSC conference, citing some 13 full symposia, 238 oral presentations and 53 posters all well attended.
See Appendix C

JH presented the CSC 2018 report. JH explained the procedure to judge posters for May 30th 2018 competition for graduate and undergraduate students. He also explained the sponsorship model and how the division could benefit from approaching sponsors. MM asked the number of total conferees. JH mentioned about 2300 abstracts accepted, but did not have the final tally of registrations.

7. Analytical Sessions for CSC 2019 in Quebec City (KT for ZD). Zhifeng Ding, 2019 organizer of the analytical symposium sent the overview of the 2019 CSC conference, which thus far has some 9 different symposia proposed.
See Appendix D

KT presented the preliminary program for Quebec city. No questions from members

8. Other Business

The Chair gratefully acknowledged the generous support of Thermo-Fisher, AGAT, and the UofA Nanofab facility for contributing to the hosting of the annual ACD dinner at this year's CSC meeting. Such support is very helpful in bringing the analytical community together and we are very thankful to these partners for supporting analytical events like these.

KT asked for members to contact him if they want to be on the email list.

KT thanked CBrosseau for maintaining the facebook account of the ACD. CB asked members to send their news to her for posting on facebook.

9. Adjournment

Time: 7:25 PM Motion: RO , second: DB .

Appendix A

CSC/CIC Awards, ACD Student Awards, Regional Conference Awards

CSC/CIC Awards:

Ricardo Aroca Award 2018 (Sponsor: University of Windsor)

Lars Konermann, The University of Western Ontario

Lecture: Tuesday May 29th at 14:30 in Hall B – Partition 1

W.A.E. McBryde Medal 2018 (Sponsor: Sciex)

Juewen Liu, University of Waterloo

Lecture: Tuesday May 29th at 16:10 in Hall B – Partition 1

Fred Beamish Award 2018 (Sponsor: Thermo Fisher Scientific)

No recipient declared this year

ACD Student Awards:

2018 Undergraduate Student Travel Award in Honor of Dr. Nick Tolti

Winner: **Jonathan Wong** (Western University, Supervisor: Zhifeng Ding)

Lecture: Tuesday May 29th at 17:10 in Hall B – Partition 1

2018 Graduate Student Award in Honour of Douglas Ryan

Winner: **Audrey Picard-Lafond** (Université Laval, Supervisor: Denis Boudreau)

Lecture: Tuesday May 29th at 15:10 in Hall B – Partition 1

CSC 2017 Conference (Toronto) – ACD Graduate Student Poster Awards:

1st: **CR Nemr**, University of Toronto (supervisor: S. Kelley)

2nd: **IO Oganessian**, York University (supervisor: D. Wilson)

Honorable Mention: **DJ Simon**, Queen's University (supervisor: R. Oleschuk)

CSC 2017 Conference (Toronto) – ACD Undergraduate Student Poster Awards:

1st: **AE Parajas**, University of Winnipeg, (supervisor: C. Wong)

2nd: **MA Wihlidal**, Thompson Rivers University, (supervisor: K. Donkor)

2017-2018 Regional Conference Awards:

SOUCSS 2018 – The 46th Annual Southern Ontario Undergraduate Student Chemistry Conference
Wilfrid Laurier University – March 24, 2018 (\$200 donated by ACD).

2018 Winners in Analytical/Inorganic Division:

1st place: Baian Almused (Western University) – The Role of Molybdenum in the Passivity of Ni-Cr-Mo Alloys in Chloride Containing Environments

2nd place: Alexandra Deckert (UOIT) – Selective Molecular Receptor for the Detection and Removal of Mercury Ions from Solutions

3rd place: Abhilash Kavuru (York) – Understanding Conformational Dynamics of Substrate Binding to GST M2-2 Using TRESI-HDX

WCUCS 2018 - The 32nd Annual Western Canadian Undergraduate Chemistry Conference
University of Winnipeg – April 30 - May 3, 2018 (\$ 200 donated by ACD)

2018 Winner in Analytical Division:

1st place Poster presentation: Gabriel Cohen, University of Manitoba

ChemCon 2018 - Science Atlantic - CIC Chemistry Conference
St. Mary's University – June 7-9, 2018 (\$200 donated by ACD)

2018 Analytical Division Winners

Best overall oral presentation - Najwan Albarghouthi

Second best overall oral presentation - Melanie Davidson

Best graduate poster - Katherine Miller

Best undergraduate poster - Kathleen Allen

Second best undergraduate poster - Philip Jakubec

30e Colloque de chimie

Département de chimie, Université de Sherbrooke October 2018 (\$200 donated by ACD)

2018 winners TBA after the conference

Appendix B
Analytical Chemistry Division of the Chemical Institute of Canada
Financial Statement 2017 (Jan 1 - Dec 31, 2017)

Prepared by Christina Bottaro, Treasurer ACD-CIC

Presented at CSC 2018 Conference - Edmonton, AB

Balance (Dec 31, 2016)	79186.55
Income (2017)	
Symposia sponsorship	4978.92
CIC Grant 2016	1,876.80
CIC 2016 Surplus	2,195.62
Investment Interest from GICs	1707.85
Interest from Checking Account	0.00
Total Income	10759.19
Expenses (2017)	
Awards	
Maxxam Award (Division Fee)	500.00
ACD U.Grad Travel (Courtney Laprise)	500.00
Ryan-Harris (Felix Lussier)	1250.00
CSC Graduate Poster Session (by Chem Ed)	400.00
CSC Awards (Steacie endowment 3 of 8)	500.00
Conferences	
Undergrad Conference (ChemCon 2017) Memorial University	200.00
Undergrad Conference (ChemCon 2018) St. Mary's University	200.00
CAC2018 (Chemometrics in Analytical Chemistry) Dalhousie	300.00
Grad student Conferences (CBGRC 2017) Concordia	200.00
Undergrad Conference (WCUCC)	200.00
CSC Conference	
AGM and Exec Mtg Expenses (2017 Toronto)	3323.69
Speaker Reimbursements	1244.00
Administrative	
office supplies, mailing, etc.	137.00
Total Expenses	8954.69
Net (Income - Expenses)	1804.50
Total Balance (Dec 31, 2017)	80991.05
* Outstanding Expense (uncashed cheque)	-250.00
	80991.05
Disposal of Assets	
GIC	
Ryan-Harris (original)	17500.00
Ryan-Harris (2009)	12000.00
Undergrad Travel Award	10000.00
Undergrad Conferences	8000.00
Grad Poster, Saving Acc Award Trust	8900.00
ACD Travel Funds	13308.00
Checking Account (Dec 31, 2017)	11283.05
	80991.05

Appendix C

Summary report of Analytical Symposia for CSC 2018

1. Number of oral presentations for each symposium:

Analytical Chemistry in Industry

Analytical Environmental Chemistry

Separations

Chemometrics

Electrochemistry

Analytical applications of nanomaterials

Analytical Awards

Metabolomics

Analytical Mass Spec

Next Generation of Analytical Chemists

AN General

Chemistry of Cannabis

Stingy with Sample: Microfluidics Symposium

13 symposia

Total number of presentations: 238

2. Total number of AN student poster presentations: 53

3. Sponsorship: ~\$10,600 (including in-kind)

Organizer: James Harynuk, University of Alberta

Appendix D

Preliminary List of Analytical Symposia for CSC 2019 in Quebec City

Monday June 3- Friday June 7, 2019 (Note the Monday start)

Analytical, Physical and Interfacial Electrochemistry (Joint with PHY/MAT/SURF)

Analytical Chemistry/Applications of Nanomaterials (Joint with IN/MAT)

Bioanalytical Chemistry (We overlap with ASMS so likely not much MassSpec) (John G Marshall at Ryerson)

Microfluidics in Analytical Chemistry (Katherine Elvira and Mohsen Akbari at UVic)

Analytical Chemistry in Industry

Analytical Chemistry Education (Stephen MacNeil; Russ Algar; Jean-François Masson, Charles Lucy)

General Analytical

Separations - fundamentals and applications

Canada-China Symposium in Analytical Chemistry

Organizer: Zhifeng Ding, Western University

Appendix E

Analytical Conference Activity Grant

Sponsored by The Analytical Chemistry Division of the CIC

TERMS OF REFERENCE

The intent of an Analytical Conference Activity Grant is to support activities that foster the promotion of Analytical Chemistry in Canada. These activities may take on various forms but are generally considered in the following categories:

1. Regional Conference Grant for Analytical Chemistry Presentation Awards

Normally these offer up financial support for awards for analytical chemistry presentations in oral or poster format at a regional conference in Canada. Judging is the responsibility of designated faculty members in attendance at the meeting. Organizers must later notify the ACD Chair of the award winners for posting.

2. National Conference Grant for Analytical Chemistry Presentation Awards

Normally these offer up financial support for awards for analytical chemistry presentations in oral or poster format at a national conference in Canada. Judging is the responsibility of designated faculty members in attendance at the meeting. Organizers must later notify the ACD Chair of the award winners for posting.

3. National Conference Grant for Analytical Community Activities

Normally these offer up financial support for the organization of analytical chemistry functions and gatherings that promote divisional unity, interaction of national and international colleagues, and the exchange of ideas and discussions regarding analytical chemistry at a national conference in Canada. Organizers must later notify the ACD Chair of the activity outcome for posting.

A request from the conference organizers for a grant should be made to the ACD Chair (chair@ANchem.ca) along with a brief proposal that details how the funds will be used. Awards are made (or not made) based upon the availability of funds in any given year and the merit of the proposal for using them. The ACD executive will consider and decide upon all requests in a given year and the amount available to be awarded.