

Analytical Chemistry Division of the CIC 2019 Annual General Meeting

Conference Center, Room 205A, Québec City, QC

Wednesday, June 5, 2019, 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)

Conference Analytical Program Chairs:

2019 – Zhifeng Ding (UWO)

2020 – Hélène Perreault (U. Manitoba)

Agenda

1. Approval of Agenda
2. Approval of Minutes from 2018 ACD AGM Meeting (Edmonton)
3. Business Arising from Minutes
4. Chair's Report (KT)
 - A) Acknowledgement of CSC 2019 organizers
 - B) Divisional Business Update
 - C) CSC Awards Update
 - D) CSC/CIC Awards, Student Awards, Regional Conference Awards
5. Treasurer's Report (CB)
6. Conference Report for CSC 2019, Analytical Division (KT)
7. Analytical Sessions for CSC 2020 in Winnipeg (KT)
8. Other Business
9. Adjournment

Start Time: 6:07 PM

1. Approval of Agenda. Motion: R.Oleschuk , second: M.Serpe
2. Approval of Minutes from 2018 ACD AGM Meeting (Edmonton) Motion: D.Boudreau , second: R.Algar
3. Business arising from minutes.

4. Chair's Reports

- A) The Chair acknowledges and thanks Zhifeng Ding for his efforts in the organization of the analytical program for the 2019 meeting. He also noted his organization of a successful conference and thanked all members who agreed to serve as poster judges. The chair also expressed appreciation to Denis Boudreau for his extra work in helping to organize the Exec meeting and annual ACD gathering for the division.

KT and division applaud the efforts of D.Boudreau in organizing the social gathering to be held after the AGM.

- B) The Chair announced that the \$69 708 core funds that the ACD has used the interest on to support its various divisional level awards has officially been handed over to the CIC for them to manage it in a formal endowment, as agreed upon at the 2018 AGM. The correspondence describing this transfer and its terms will be added to the minutes as an Appendix E for future executive committee reference.

KT announces that the GIC has been transferred and that correspondence and TOR will be left in the minutes, and to the future exec, of the endowed funds so they can be accounted for.

The Chair also mentioned that the CSC conference poster competition was now changing. The \$100 of funding conventionally provided by the CIC has been terminated due to 'lack of available funds'. The Chem. Ed. Division is also no longer organizing things. As a result, the ACD will now supply the full prize money of \$500 (vs. \$400 ACD and \$100 CIC previously) and will write/send cheques to winners after the conference.

The members are surprised by the lack of funds from the CIC to support the student prizes. The division will try to inquire the reasons in the divisional meetings going forward.

The Chair announced that the CIC has changed the manner in which it calculates the divisional grants each year. Previously this has been based 100% on primary membership designation. Going forward this will now be based upon 60% primary and 40% secondary membership designation to accommodate other minor divisional representation. The CIC

cited this as the least impactful on all divisions. As a result, the ACD grant will be reduced by about \$195 per year based on current numbers.

KT reports that the division grant has dropped steadily in the past years. We will find out soon how the new model will affect the grant to the ACD. KT reminds that members should make sure they opt in of the ACD when renewing their membership.

The Chair stated that the CIC is looking to potentially streamline divisional organization. The ACD is one of only a few that have CIC and CSC designations. They are questioning if both are needed for divisions and are asking if we prefer the CSC, or should they potentially seek a CIC subject division manager, or are we fine with the status quo. This is only under discussion at present and they are seeking input on if all divisions should be under the same (e.g. CSC) governing body.

The chair reports that there may be changes sought in the designation in the coming years.

- C) The Chair announced that the CSC is launching new changes with regard to how they administer divisional awards. With some 27 different awards to manage (much more than other societies) it is becoming unsustainable. As a result there is a new process to launch new CSC level awards that requires all divisions to go through the CSC director of awards to justify the need and discuss the terms of reference.

The chair reports that the number of awards is overwhelming for the small team in place. New awards will need to be discussed with CSC in the future with the TOR.

Also due to the large numbers to manage, the CSC has decided that any awards that have 2 or less nominations in any given year will not be given out, effective for the 2020 award cycle (i.e. July 2019 nominations). The rationale is to ease burden on managing awards, stress on committees who are uncomfortable with small candidate pools, and to encourage more nominations. In the event of a cancellation, all nominations will be carried forward to the next year of competition.

This has happened in the ACD, i.e. the Beamish in 2018. KT encourages more nominations to the ACD awards. In the case that an award is not given out, the candidate will be moved forward in the next competition.

They are also finding that the same people are winning most of the awards. The CSC is now adding language to TOR that requires nominations to specifically explain why a candidate should win another major award for the same body of work (e.g. early and mid-career achievement), or how that work can be distinguished from the current nomination.

The CSC also asked if divisions need all of their awards. The ACD responded yes we do.

The Chair announced that Thermo Fisher has terminated their support of the Beamish Award due to restructuring of sponsorship. He gratefully acknowledged their support for this award over the past 3 years and reported that due to the loss of funding, the award

will be without cash prize until another sponsor can be secured. In the meantime, the ACD will pay the \$500 scroll fee issued by the CSC to award the plaque. Members are encouraged to contact industrial partners for their interest in sponsoring this major award.

KT mentions that the Beamish currently does not have a cash prize until the ACD finds another sponsor. The ACD will be actively seeking the support of a sponsorship for the long term. The division actively promotes the awards and offers good publicity to sponsors.

D. Chen mentions that a representative of Thermo global is a former student of UBC and offers to contact them directly to inquire about sponsorship.

K. Waldron asks if CIC covers registration, KT responds that the CIC stopped sponsoring the registration cost.

KT mentions that the Beamish is important, but renaming the award could be considered if the appropriate sponsor is found.

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

We acknowledge the continuous support of our existing award sponsors: Sciex (McBryde) and University of Windsor (Ricardo Aroca). 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, McBryde, Beamish Ryan/Harris, Undergraduate Student Travel Award in Honor of Dr. Nick Toltl

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

The members applaud the award winners.

These are also normally posted in our newsletters. We thank Russ Algar for his excellent work in producing these newsletters and Christa Brosseau for maintaining the social network accounts of the ACD.

ACD poster competition for CSC 2019 will be held on Thursday, June 6. Poster judges are needed when the call comes out. Please see Zhifeng Ding. There are 89 and 14 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 contacted after the conference.

KT invites members to help in judging the posters.

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

No questions from the members.

6. Conference Report for CSC 2019, Analytical Division (KT). KT present the overview of the 2019 CSC conference, citing some 10 full symposia, about 220 oral presentations (about 35 invited) and 139 posters all well attended.

See Appendix C

KT mentions that the unofficial number of attendees is about 2500 participants.

7. Analytical Sessions for CSC 2020 in Winnipeg (KT). KT reports on the behalf of H  l  ne Perreault. H  l  ne Perreault, 2020 organizer of the analytical symposium said the overview of the 2020 CSC conference is shaping up and a greater number of offerings are still welcome. More help is needed in organizing sessions and the program. Please contact her if you are interested.

See Appendix D

KT invites members to contribute to the organization of symposia and to contact H  l  ne directly.

R. Oleschuck ask about the overlap with ASMS. C. Bottaro mentions that the ASMS conference is the following week.

8. Other Business

The Chair gratefully acknowledged the hard work and dedication of the ACD executive members for all of their efforts in their various roles that support the functions of the division. As per the regular duty cycle of the board, K. Thurbide will finish as Chair at the 2019 meeting. J.F. Masson will be the incoming Chair, C. Bottaro will be the incoming Vice-Chair, and a new treasurer will be required. Mike Serpe has agreed to put his name forward for consideration for this role. A new MAL may be needed to replace him on the board. The remaining MAL will retain their current duty roles for another cycle. The future of the newsletter format and its duties should be reviewed.

KT invites nominations from the members for the treasurer position. No candidates have come forward

KT motions for the nomination of M.Serpe as treasurer. R. Algar seconds. Unanimous in favor vote

KT welcomes nominations for a new members-at-large from members. Katherine Elvira and Samuel Mugo were proposed. KT motions for their nomination, C. Bottaro seconds. Unanimous in favor vote.

KT reports on the status of the newsletter. With the advent of social media, the purpose of the newsletter is questioned. One of the functions of the newsletter is to archive activities of the division, but there are other means to do that. One of the difficult task is to track the award winners from regional conferences.

K. Elvira ask about the articles in the newsletter. R. Algar mentions that the content is good, but it is getting inceasingly difficult to find volunteers to provide content. There is no evidence of a large readership. One way to change the newsletter, would be to have a blog or different online venues. Members agree that a different format would be found to disseminate the information to the ACD members.

JFM thanks KT for his service to the ACD. KT bids farewell to the ACD as chair. JFM addresses members about his objectives going forward.

9. Adjournment

Time: 6:55 PM

Motion: R.O , second: M.Serpe .

Appendix A

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

CSC/CIC Awards:

Ricardo Aroca Award 2019 (Sponsor: University of Windsor)

John Headley, Environment Canada

Lecture: Thursday, June 06 at 13:20 in Room 2104B

W.A.E. McBryde Medal 2019 (Sponsor: Sciex)

Jean-François Masson, Université de Montréal

Lecture: Thursday, June 06 at 14:40 in Room 2102AB

Fred Beamish Award 2019 (Sponsor: none; ACD supported)

Jennifer I-Ling Chen, York University

Lecture: On maternity leave; to be presented in 2020

ACD Student Awards:

2019 Undergraduate Student Travel Award in Honor of Dr. Nick Toltl

Winner: **Benjamin Schmidt** (U. Alberta-Augustana, Supervisor: James Kariuki)

Poster presentation: Tuesday, June 04, Room 2000ABCD Poster 201 (joint materials session)

2019 Graduate Student Award in Honour of Walter Harris

Winner: **Kevin Kovalchik** (UBC, Supervisor: David Chen)

Lecture: Wednesday, June 05 at 2:40 pm in Room 205A

CSC 2018 Conference (Edmonton) - ACD Graduate Student Poster Awards:

1st: David Simon, Queen's University (supervisor: R. Oleschuk)

2nd: Isaac Omari, University of Victoria (supervisor: S. McIndoe)

Honorable Mention: Rio Wilkie, University of Toronto (supervisor: J. Abbatt)

CSC 2018 Conference (Edmonton) - ACD Undergraduate Student Poster Awards:

1st: Tyson Bodor, Thompson Rivers University (supervisor: K. Donkor)

2nd: Benjamin Schmidt, U. Alberta-Augustana (supervisor: J. Kariuki)

2018-2019 Regional Conference Awards:

SOUCSS 2019 – The 47th Annual Southern Ontario Undergraduate Student Chemistry Conference, March 30th 2019, University of Toronto Scarborough (ACD sponsored \$200)

1st place (oral)	Jacob Bothen	Trent University
2nd place (oral)	Talia Ho	University of Toronto Scarborough
3rd place (oral)	Helen Chen	McMaster University

WCUCC 2019 - The 33rd Annual Western Canadian Undergraduate Chemistry Conference
T.B.A.

ChemCon 2019 - Science Atlantic - CIC Chemistry Conference
T.B.A.

31e Colloque de chimie
Département de chimie, Université de Sherbrooke October 2019

T.B.A.

Appendix B: 2019 ACD Financial Summary

Analytical Chemistry Division of the Chemical Institute of Canada Financial Statement 2018 (Jan 1 - Dec 31, 2018)

Prepared by Christina Bottaro, Treasurer ACD-CIC
Presented at CSC 2019 Conference - Quebec City, QC

Balance (Dec 31, 2017)	80991.05
Income (2018)	
Symposia sponsorship	11100.00
CIC Grant 2018	1552.31
CIC 2018 Surplus	4537.02
Investment Interest from GICs	3311.13
Interest from Checking Account	0.00
Total Income	20500.46
Expenses (2018)	
Awards	
ACD U.Grad Travel (Jonathan Wong)	500.00
Ryan-Harris (Audrey Pickard-Lafond)	1466.30
CSC Awards (Steacie endowment 4 of 8)	500.00
Conferences	
Undergrad Conference SOUSCC 2018 (Laurier)	200.00
Undergrad Conference CECUS 2018 (Sherbrooke)	200.00
Undergrad Conference SOUSCC 2019 (Univerisity of Toronto Scarborough)	200.00
Undergrad Conference WCUCC 2018 (Winnipeg)	200.00
Graduate Student Conference CBGSA 2018 (Concordia)	200.00
CSC Conference (2018 Edmonton)	
AGM and Exec Mtg Expenses	2833.13
Speaker Reimbursements	7872.82
Administrative	
office supplies, mailing, etc.	
Total Expenses	14172.25
Net (Income - Expenses)	6328.21
Transfer of GICs to CIC	69708.00
Total Balance (Dec 31, 2018) + division grant funds	17611.26
Disposal of Assets	
* 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, 2018)	17611.26
Total assests	87319.26
* Held in trust by the CIC for the ACD	

Appendix C

Summary report of Analytical Symposia for CSC 2019

1. Line up of symposia:

Analytical Chemistry/Applications of Nanomaterials - joint with IN, MT

Analytical Chemistry in Industry

Analytical Tools for the Organic Chemist - joint with OR

Analytical, Physical and Interfacial Electrochemistry in honour of Jacek Lipkowski - joint with MT, PTC, SS

Analytical Platforms and Functional Materials (General Session)

Bioanalytical Chemistry

Canada-China Symposium in Analytical Chemistry

Metabolomics: Applications and Techniques

Smaller is Better: Emerging Applications of Microfluidics in Analytical Chemistry and Biology

Teaching Analytical Chemistry - joint with CE

10 symposia, 35 invited speakers

Total number of Analytical oral presentations: 220

2. Total number of AN student poster presentations: 139

3. Sponsorship: \$8600

Organizer: Zhifeng Ding, Western University

Appendix D

Preliminary List of Analytical Symposia for CSC 2020 in Winnipeg: May 24-28, 2020.

Bioelectrochemistry	Sabine Kuss	
Electrochemical sensors	Sabine Kuss	possibly joint with Phys Chem
Proteomics applied to biosystems	Vince Chen	
Separation techniques in omics techniques	Oleg Krokhin	
Applications of nanomaterials	Russ Algar	Joint with Materials
Teaching of Analytical Chemistry	Russ Algar and Charles Lucy	Joint with Education
Microfluidics	Rick Oleschuk	
Advanced methods for analysis of agricultural food and environmental products	Renata Raina	
Mass spectrometry imaging	Rick Oleschuk	

Organizer: H  l  ne Perreault, University of Manitoba

Appendix E

Correspondence and TOR for GIC Transfers

SUPPLEMENTARY INFORMATION ON ACD FUNDS

NOTE ON ACD Awards Endowment:

At the May 2018 AGM meeting of the ACD in Edmonton, the division approved the transfer of our award endowment funds (\$69 708) to the CIC for them to manage on our behalf. This was part of an initiative of the CIC and at their request. The basic terms for this transfer follow.

The funds were transferred in late 2018.

ACD Funds Transferred to Endowment		
Ryan-Harris (original)	17500	
Ryan-Harris (2009)	12000	
Undergrad Travel Award	10000	
Undergrad Conferences	8000	
Grad Poster, Saving Acc Award Trust	8900	
ACD Travel Funds	13308	
TOTAL	69708	

From: Joan Kingston [mailto:JKingston@ChemInst.ca]
Sent: Monday, June 11, 2018 5:17 AM
To: Kevin Thurbide
Cc: Gale Thirlwall
Subject: RE: ACD endowment

You are correct in all your points. The TOR should be sent to Gale Thirlwall and she can assist with them and when they are ready she will send them to the Board for their approval.

Joan Kingston

Director, Finance and Operations/Directrice, finances et opérations
Chemical Institute of Canada | www.cheminst.ca
222 rue Queen Street, Suite/bureau 400, Ottawa, Ontario, Canada K1P 5V9

From: Kevin Thurbide [mailto:thurbide@ucalgary.ca]
Sent: June 8, 2018 2:08 PM
To: Joan Kingston <JKingston@ChemInst.ca>
Subject: ACD endowment

Hi Joan,

Hope all is well with you!

I'm writing about the potential transfer of our GIC award funds from the ACD to the CIC endowment for management. We have been going over this as a division and are trying to plan what to do about the funds. Its been a while since you and I last discussed this over the phone, and I just wanted to clarify a few things based on our last conversation so I can better inform our executive and members.

From my notes of our last discussion, its our understanding that if we transfer the funds

1. The funds will become the property of the CIC, but they will be designated as an endowment created for use by the ACD.
2. All interest from the endowed funds will go back into the endowment.
3. The funds can only be used for the award activities of the ACD as outlined in the terms of reference (TOR) for the awards.
4. The TOR for the awards can be altered in the future by the ACD (if potentially needed) and resubmitted back to the CIC.
5. The ACD will continue to vet the awards as normal and request funds for the winner from the endowment through the CIC office.
6. The ACD will receive an annual update on the balance of the endowment to help guide our decisions on awards for the upcoming year.
7. To initiate the process we must send our TOR for the awards to the CIC for approval and then arrange for the funds to be transferred.

Are we correct in these things Joan? If so, how would we initiate the TOR approval and funds transfer process if we wanted to proceed in this direction?

Thanks very much for all of your help and guidance in this!

Best regards,

Kevin Thurbide, ACD Chair

From: Gale Thirlwall [mailto:GThirlwall@ChemInst.ca]
Sent: Tuesday, July 31, 2018 11:29 AM
To: Kevin Thurbide
Cc: Peter Loock
Subject: RE: ACD endowment

Hi Kevin,

I see no problem with these student awards going through an Endowment. Two of them are awards you have given out to students for many years. You do not have any mention of what the prize is however in your Terms of Reference. Your Division would continue to administer these awards as you have in the past and would just need to provide National Office (me) with the winners name and any contact info if you need us to arrange for payments from this fund. I can also add the ToFR and winners names to our Student Awards page so that they get wider exposure

Gale

From: Kevin Thurbide <thurbide@ucalgary.ca>
Sent: June 11, 2018 12:15 PM
To: Gale Thirlwall <GThirlwall@ChemInst.ca>
Subject: RE: ACD endowment

Hi Gale,

As I indicated to Joan, we are considering what to do with the award funds in our account and want to inquire about potentially transferring them to the CIC endowment. In her message she suggested that I should send the award TOR to you first. I've attached the TOR for the 3 awards that we have traditionally paid out of the funds. When you have time could you please look them over for us and let us know if you have any feedback and if they look alright?

Thanks very much for your help Gale!

Kevin

From: Joan Kingston [mailto:JKingston@ChemInst.ca]
Sent: Monday, June 11, 2018 5:17 AM
To: Kevin Thurbide
Cc: Gale Thirlwall
Subject: RE: ACD endowment

You are correct in all your points. The TOR should be sent to Gale Thirlwall and she can assist with them and when they are ready she will send them to the Board for their approval.

Joan Kingston

From: Kevin Thurbide
Sent: Thursday, August 02, 2018 3:17 PM
To: 'Gale Thirlwall'; jkingston@cheminst.ca
Cc: cbottaro@mun.ca; Masson Jean-François (jf.masson@umontreal.ca)
Subject: RE: ACD endowment

Hi Gale,

Thanks for this information and the positive reception of our TORs for the proposed endowment.

Joan, the ACD would like to formally move our funds to an endowment earmarked for the Analytical Chemistry Division as we had discussed earlier.

The total amount that we would be transferring is \$69 708

Can you please let us know how we can proceed to set this up?

Thanks very much,

Kevin

From: Gale Thirlwall [mailto:GThirlwall@ChemInst.ca]
Sent: Tuesday, July 31, 2018 11:29 AM
To: Kevin Thurbide
Cc: Peter Loock
Subject: RE: ACD endowment

Hi Kevin,

I see no problem with these student awards going through an Endowment. Two of them are awards you have given out to students for many years. You do not have any mention of what the prize is however in your Terms of Reference. Your Division would continue to administer these awards as you have in the past and would just need to provide National Office (me) with the winners name and any contact info if you need us to arrange for payments from this fund. I can also add the TofR and winners names to our Student Awards page so that they get wider exposure

Gale

Please send me the cheque for the endowment fund and once received I will create the account for the fund.

Joan Kingston

Director, Finance and Operations/Directrice, finances et opérations

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T 613-232-6252, ext./poste 225 | F 613-232-5862

jkingston@cheminst.ca

From: Kevin Thurbide [<mailto:thurbide@ucalgary.ca>]

Sent: August 2, 2018 5:17 PM

To: Gale Thirlwall <GThirlwall@ChemInst.ca>; Joan Kingston <JKingston@ChemInst.ca>

Cc: cbottaro@mun.ca; Masson Jean-François (jf.masson@umontreal.ca) <jf.masson@umontreal.ca>

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Sent: Tuesday, July 31, 2018 11:29 AM

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Cc: Peter Loock

Subject: RE: ACD endowment

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I see no problem with these student awards going through an Endowment. Two of them are awards you have given out to students for many years. You do not have any mention of what the prize is

From: Christina Bottaro [mailto:cbottaro@mun.ca]
Sent: Monday, March 04, 2019 3:11 PM
To: Kevin Thurbide
Subject: Re: ACD endowment

Hi Kevin,
Yes. The transfer was completed before the holidays in 2018.
Hope all is well with you.
Cheers,
Christina

On Mon, Mar 4, 2019 at 5:53 PM -0330, "Kevin Thurbide" <thurbide@ucalgary.ca> wrote:

Hi Christina,
Just confirming, have the \$69 708 funds been transferred to Joan? Please let me know.
Thanks and hope that all is well!
Kev

From: Kevin Thurbide
Sent: Monday, August 13, 2018 7:37 AM
To: Joan Kingston
Cc: Gale Thirlwall; cbottaro@mun.ca; Masson Jean-François (jf.masson@umontreal.ca)
Subject: Re: ACD endowment

Thanks Joan. Christina can you please arrange to have a cheque for the endowment amount of \$69 708 to be sent to Joan? The bank may have the best options of a registered cheque or other means of safe transfer. Please let me know if there are any problems with this.
Thanks,
Kevin

On Aug 13, 2018, at 6:50 AM, "Joan Kingston" <JKingston@ChemInst.ca> wrote:
Please send me the cheque for the endowment fund and once received I will create the account for the fund.