MINUTES OF THE 2012 AGM

Canadian Society for Chemistry, Inorganic Division (CSC-ID)

18:00 – 19:00
Tuesday, May 29th 2012
Calgary Convention Centre, MacLeod E2
Calgary, AB

In Attendance

Jen Love (Incoming Chair)
Kathryn Preuss (Secretary)
Chris Kozak (ICE coordinator)
Fran Kerton (Treasurer)
Danny Leznoff (Outgoing Chair)
Lisa Rosenberg (Past Chair)
Craig MacKinnon (Curriculum)

Kim Baines
Tom Baker
Thomas Baumgartner
Steven Bergens
Sean Barry
Matthias Bierenstiel
Barry A. Blight
Jaclyn Brusso
Peter Budzelaar
Neil Burford
Christine Caputo
Ronald Cavell
Bobby Ellis
David Emslie
Deryn Fogg
Stephen Foley
Frederic-G. Fontaine (96th program)
Dawn Friesen
Derek Gates
Serge Gorelsky
Andrew Grosvenor
Garry Hanan
Robin Hicks
Brian James
Sam Johnson
Timothy Kelly
Pierre Kennepohl
Holger Kleinke
Scott Kroeker
Willie Leigh
Charles MacDonald
Arthur Mar
Stephen McNeil
Bob Morris
Jens Müller
Rich Oakley
Chris Orvig
Xavier Ottenwaelder
Warren Piers
Paul Ragogna
Christian Reber
Roland Roesler (95th program)
Laurel Schafer
Frank Schaper
Jennifer Scott
Mike Shaver
Kevin Smith
Tim Storr
Tom Swaddle
Venkataraman Thangadurai
Bob Thompson
Ignacio Vargas
Charles Walsby
Mike Wolf
Eli Zysman-Colman

1. D. Leznoff called the meeting to order at 6:04pm.

D. Leznoff requested that the agenda be changed such that the Incoming Chair's report take place immediately after the Chair's report and asked for a motion to approve the agenda with this change (with attached minutes from the 2011 AGM)

MOTION for approval: L.Rosenberg
2nd: T. Baker

PASSED

2. Outgoing Chair's Report (D. Leznoff). D. Leznoff thanked R. Roesler for organizing the 2012 ID program at the 95th CSC conference.

D. Leznoff congratulated this year's award winners:

Rio Tinto Alcan – Stephen Loeb
Strem - Mark Stradiotto
Inorganic Division Graduate Student Award (AGWIC) – Zachary Hudson and Kevin Shopsowitz

D. Leznoff noted that normally there is only one winner of the AGWIC, but this year two recipients were chosen owing to the merit of their applications. The consensus was that when there are two outstanding candidates it seems unfair that one should not receive the award simply because he or she happened to be nominated in a year when there was another equally good candidate.

D. Leznoff announced the ID 2012-13 calendar resulting from the recent student competition and noted that it will be available for download as a pdf file. He also pointed out that cost prohibited printing and mailing of the calendar. He thanked all those who submitted entries for their efforts and encouraged many more people to participate in the next year's competition.

R. Cavell asked when the calendar would be available.

D. Leznoff replied, "Soon".

<u>Point of action</u> – K. Preuss will follow up with Anne Campbell to ensure that the calendar is posted as soon as possible.

3. Incoming Chair's Report (J. Love). J. Love thanked D. Leznoff for his hard work as Chair of the ID 2010-12.

J. Love began by articulating her vision for the future of the Inorganic Division. She pointed out that, as a division of the CSC, we are doing well, but asked, "What more ought we to be doing?" She suggested that one area in which we could be improving is with respect to OUTREACH, i.e., better contact and communication with the public.

<u>Point of action</u> – J. Love will assemble a file with resources for outreach (websites, experiment recipes, scripts, etc.) for presentation at the 2013 AGM.

J. Love then invited D. Leznoff to present an idea for the new ID logo.

D. Leznoff unveiled a logo created by S. McIndoe and noted that this is one suggestion to be used as a starting point for the creation and adoption of an ID logo. He gave the membership two choices:
1) Adopt this logo.
2) Hire a professional to create a logo, estimated to cost about $200.

<u>MOTION</u> to adopt the suggested logo – J. Love
2nd – L. Rosenberg

Discussion ensued. Comments included:
S. Barry – text needs to be centered; letters should have a shadow
B. Morris – perhaps it should include a spectrum of colours

<u>MOTION</u> amendment - adopt the concept of this logo with minor changes – C. MacKinnon.
2nd – L. Schafer

<u>PASSED</u> UNANIMOUSLY

<u>Point of action</u> - D.Leznoff will work with the Executive and S. Barry to finalize the logo and then make it available for use.

J. Love brought up an issue with respect to scheduling of the CSC program. In order to accommodate the large number of submitted oral presentation abstracts, the symposium organizers were obligated to schedule talks that conflicted with the award lectures. J. Love pointed out that halting other sessions during the award lecture time slots serves to highlight the research of the award winners. Furthermore, those speakers scheduled in conflict with the award lectures may have trouble attracting an audience and may wish to attend the award lecture themselves.

J. Love pointed out that the ID already has approval from the membership to attempt to minimize conflict between the award lecture times and other ID session times, but that the program chair does not have any real authority to ensure that this occurs.

J. Love suggested solving the issue by giving the program chair a mandate and giving the symposium organizers guidelines. She suggested the following options:
1) limit the number of invited talks
2) limit the number of half-day sessions in a specific symposium to four
3) limit the number of talks per person, with the exception of overseas invited speakers

MOTION that all Inorganic Division sessions, including joint sessions if possible, should stop for inorganic award lectures – J. Love
2nd – N. Burford

Discussion ensued. Comments included:

R. Roesler – Limiting the number of talks per person would have solved the scheduling conflicts this year. Everyone who submitted an oral presentation abstract was allowed to speak this year.

C. Orvig – The symposium organizers ought to do a better job vetting the abstracts. Some were not very good and, predictably, the speaker did not turn up.

R. T. Oakley – 20 years ago it was board policy that IN sessions stopped for award lectures. There are too many 40 minute talks. Perhaps the invited talks should be 30 minutes and the award lectures should be 40 minutes.

W. Piers –The current software won't allow it.

R. T. Oakley – The software program can be changed.

T. Baumgartner – Perhaps there should be a single half-day award lecture symposium in which all the award lectures are given one after the other.

L. Schafer – Having a special half-day symposium would allow us to put them in a big room; would solve the issue that the size of the room for the award lectures is often insufficient (too small).

PASSED WITH 1 OPPOSED

Point of action – J. Love will assemble recommendations, including a mandate and guidelines, regarding the award lecture scheduling and will present this at the 2013 AGM.

Further discussion ensued. Comments included:
T. Baker – Executive must discuss this with the program chair.
R. T. Oakley – This worked in 1995.

J. Love proposed the creation of a new award directed at undergraduate research.

MOTION that the Chair strike a committee to establish terms of reference for an undergraduate research award in inorganic chemistry, to be presented for a vote at the 2013 ID AGM. – J. Love
2nd – S. Bergens

PASSED unanimously

Point of action – J. Love will strike a committee to establish terms of reference for an undergraduate research award in inorganic chemistry in time to present at the 2013 ID AGM.

J. Love announced that the ID will create a Twitter account for posting information relevant to graduate students.

<u>Point of action</u> – K. Preuss will set up and maintain an ID account on Twitter.

4. Nominations (L. Rosenberg). L. Rosenberg noted that the only position that required a nomination was the position of secretary.

<u>MOTION</u> that the term of K. Preuss as secretary for the ID be renewed for a further 2 years to give a total of 4 years. – L. Rosenberg
2nd – D. Gates

<u>PASSED</u> unanimously

5. Treasurer's report (F. Kerton). F. Kerton addressed the members. (See attached.)

6. I.C.E. report (C. Kozak). C. Kozak addressed the members. (See attached.)

C. Kozak also pointed out that the USRA success rate for this year was unusually low. Of the 11 students participating in I.C.E. last Summer, only 6 were successful with a USRA application. This is difficult for the supervisor because there is an obligation to pay for travel as well as salary.

C. Kozak thanked L. Rosenberg for organizing the 2012 ICE Conference in Victoria.

C. Kozak pointed out that there have now been 22 papers published that include I.C.E. students as co-authors.

C. Kozak thanked G. Hanan for holding the conference in August 2011.

7. Conferences

R.Roesler gave an overview of the inorganic program for the CSC 2012 in Calgary. (See attached.)
He noted that the breakdown of expenses was still unclear.

D. Fogg asked how many duplicate talks (multiple talks from single speakers) were included.

F.-G. Fontaine revealed the proposed inorganic program for the CSC 2013 in Quebec. (See attached.)
He said that the theme for the conference is "Chemistry Without Borders".
He noted that a call for symposia had been sent out in January. In order to fit everything in there will have to be a lot of joint symposia, particularly since he received 5 separate proposals for "green chemistry" symposia of one flavor or another. There are, in fact, only 3 strictly IN symposia at present.

<u>MOTION</u> to approve the proposed inorganic program for CSC 2013 – B. Morris
2nd – P. Kennepohl

<u>PASSED</u> unanimously

L. Rosenberg nominated X. Ottenwaelder as the ID Mixer Chair for CSC 2013 in Québec City.

<u>MOTION</u> to approve X. Ottenwaelder as 2013 ID Mixer Chair – F. Fontaine
2nd – D. Leznoff

PASSED unanimously

L. Rosenberg nominated T. Storr as the ID Program Chair for CSC 2014 in Vancouver.

MOTION to approve T. Storr as 2014 ID Program Chair – C. Orvig
2nd – D. Leznoff

PASSED unanimously

L. Rosenberg nominated C. Walsby as the ID Mixer Chair for the CSC 2014 in Vancouver.

MOTION to approve C. Walsby as 2014 ID Mixer Chair – P. Kennepohl
2nd – C. Orvig

PASSED unanimously

8. Possible Inorganic Division response to the NSERC RTI and MRS cuts
J. Love noted that the members have been forwarded a letter addressed to Dr. S. Fortier, written by P. Ragogna and signed by a number of our colleagues, expressed dismay at the cessation of the NSERC RTI program. The response from Dr. Fortier's office was also included.

J. Love suggested that it was important to demonstrate wide-spread discontent with the decision to cut the RTI and MRS programs and suggested that P. Ragogna's letter could be re-tooled to serve as a modifiable template. This could be presented to the ID membership to co-sign as is or modify if desired. The letters then would be sent to NSERC and members of parliament.

MOTION That the Inorganic Executive draft a letter regarding funding changes at NSERC (specifically RTI and MRS) to be made available for co-signing by the division membership and sent, with all names included, to NSERC and Parliament by the Executive, as well as individual members (upon their discretion) – J. Love
2nd – R. Rosenberg

Discussion ensued. Comments included:

E. Keske commented that C. Crudden is committed to involving the CSC in the discussions between members and NSERC and/or government representative. As an example, she has helped organize a Facebook Townhall meeting with Liberal M.P. for Kingston and the Islands, Ted Hsu. Furthermore, she is asking for examples of brain-drain due to funding cuts and personal stories regarding the impact that cuts to NSERC funding are having. She is also requesting ideas from the membership for ways in which this issue can be addressed effectively.

Point of action – J. Love will contact C. Crudden and ask for a written request for specific input from the membership. This will be disseminated by K. Preuss via the listserv. J. Love will then work with the ID executive and Paul Ragnogna to formulate a letter.

It was also pointed out that one of the graduate student award winners was unsuccessful in applying for an NSERC PDF.

K. Baines noted that, at the CCUCC on Saturday, May 26th 2012, NSERC representatives revealed that there may be a renewal of the RTI at 30% of its current "budget" in the future. In reality, the RTI has not had a budget of its own for many years. It was, instead, funded by the surplus from the DG

competition. Recent rule changes by the Treasury Board have made it illegal to hold back unspent money for redistribution elsewhere. Thus the RTI cannot be funded under the current model. K. BAINES SUGGESTS THAT THE MEMBERS SHOULD SPEAK TO THEIR DEPARTMENTAL CHAIRS ABOUT THIS.

B. Morris noted that there was a Science Policy Forum on Tuesday, May 29th 2012 at which it was suggested that there may be $10 M set aside for future funding.

D. Emslie suggested that the best course of action is to start from scratch and create a new "RTI-like" grant that works for the community. He noted that we don't just need the RTI back, we need more.

S. Bergens reminded the members that a letter ought to propose solutions, not just complain about problems.

PASSED unanimously

J. Love welcomed Christian Reber as the new Vice Chair.

10. Other business

D. Fogg took the opportunity to announce the 2012 ISCH conference in Toulouse and the 2014 ISHC to be held in Ottawa.

All points on the agenda were met, so J. Love adjourned the meeting at 19:00 without the need for a motion.

Announcement made at the Inorganic Mixer (D. Leznoff):
On behalf of the Inorganic Division Executive and the Canadian Inorganic community at large, Lisa Rosenberg was thanked for her distinguished, extensive service to the Inorganic Division, which includes not only her 6 years as Vice-Chair, Chair and Past-Chair (ending this May 2012), but also as the Founder and inaugural organizer of the highly successful Inorganic Chemistry Exchange program (ICE), which has run for nine years, with over 70 undergraduate students participating.

D. Leznoff and J. Love publicly presented L. Rosenberg with a cake in recognition of her outstanding contributions to the Division.

Inorganic Division
Treasurer's Report
2012

1. This report for the ID reflects the period from May 28, 2011 to May 14, 2012.

2. The finances for the Inorganic Division of the CSC are in excellent shape. As of May, 2012 the net worth of the Division is approximately $47,212.73. This amount includes the value of the Trust Fund ($40,000, invested Feb 2, 2012, 2.35%, 5-year term) and available cash ($7,212.73) in the operating account. The divisional grant from the CIC for 2012 is $1656.90 (cf. $1732.50 in 2011, $1640.70 in 2010).

3. The Inorganic Division has provided $900 in awards to students at graduate and undergraduate research conferences since May 28, 2011 (each $150).
   Canadian Magnetism Meeting
   Concordia Chemistry & Biochemistry Graduate Student Research Conference
   Atlantic IDW
   BC IDW
   ChemCon
   SOUSCC

4. The Inorganic Division paid out $1300 for the DIC Graduate Student Prizes in 2012 (2 awards are being made, Kevin Shopsowitz and Zachary Hudson) and a contribution of $286.48 to the E.W.R. Steacie Award (2011, Raymond Kapral). The Pure or Applied Inorganic Chemistry Award is funded entirely by Strem Chemicals Inc. ($1,500) through to the end of 2016.

5. The Inorganic Division paid ($66.51) for the following domain name for a five year period: www.inorganicchemistryexchange.ca

Submitted by,

Francesca Kerton, Treasurer

I C E

INORGANIC CHEMISTRY EXCHANGE

Quick Stats for the Inorganic Chemistry Exchange from 2004 – 2012

Total number of student participants since 2004: 71 (73 exchanges – two repeats)

Total number of faculty supervisors since 2004: 36

Total number of participating Departments/Universities since 2004: 16

Number of student **applicants** for ICE 2012: 23

Number of supervisors (departments) for ICE 2012: 11 (8)

NSERC USRA success rate for students in ICE 2012: 6/11 (55%)[1]

NSERC USRA success rate for all ICE students since 2004: 54/74 (73%)

Proportion of students who have gone on to graduate school in chemistry: 50%[2]

Number of papers published from ICE-related research: 22 (as of May 14, 2012)[3]

A questionnaire will be used to solicit feedback from past ICE participants

Interested in joining ICE?

An E-mail will be circulated in early August through the Division mailing list to solicit participants for ICE 2013. The list of supervisors will be finalized in early September so that student recruitment can begin shortly thereafter.

Please contact Chris Kozak for details of the time and money involved, and be aware that there is a time commitment during the first 6-8 weeks of the fall semester, and attendance at a workshop in the third week of August is expected.

Location of the 2013 (and possibly 2014) workshop will be finalized this August.

Special thanks: Garry Hanan, who hosted the workshop in 2011 (Montreal)
Lisa Rosenberg who is hosting the workshop in 2012 (Victoria)

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[1] One student applicant withdrew from ICE 2012 before applying for NSERC USRA

[2] Does not include current ICE students, or past students still completing undergrad

[3] As determined by a search of Web of Science (May 14, 2012) with the names of the student and ICE supervisor as search terms.

CSC 2012

Division of Inorganic Chemistry

Program co-chairs:
Curtis Berlinguette (mixer), Roland Roesler (program)
University of Calgary

Program 2012

IN1 Hydrogen Activation, Production and Storage (R.T. Baker, D. Stephan, 2)

IN2 Metal Mediated Polymerization (M. Shaver, P. Hayes, j. MS, 3)

IN3 Symposium on the Applications of Physical Methods to Coordination Chemistry in Honour of Barry Lever (R.J. Crutchley, 4)

IN4 Ligand Design (S. Johnson, T. Storr, j. OR, 4)

IN5 Main Group Chemistry (E. Rivard, 4)

IN6 Solar Fuels (C. Berlinguette, G. Hanan, j. MT, 4)

IN7 Metal Ions in Biology (F. Jalilehvand, J. Gailer, j. BM, 3)

IN8 General (R. Roesler, 5)

Poster Session (R. Roesler)

Quantities for CSC 2012

- 29 half-days of symposia for IN
- 53 graduate student posters

  22 judges, 5 awards, $600 total
- 10 undergraduate student posters

  4 judges, 3 awards, $300 total
- 267 graduate student talks, 2 undergraduate student talks

Financials

CSC 2012 Budget Berlinguette

Revenue and Expenditures	Contact	($)	Division
Revenue			
ISEEE/UofC/CASM	Dave Layzell	$7,500	Mixer / EF / SF / OM
MBraun	Tom Dobbins	$2,000	Mixer
NOVA Chemicals	Ian Jobe	$2,000	Mixer
Inorganic Chemistry and ACS Catalysis	Rich Eisenberg/Chris Jones	$1,000	Mixer / SF
Delta Photonics	Rob Grant	$1,000	Mixer / OM
Edinburgh Instruments	Rob Grant	$1,000	Mixer / OM
Dalton Transactions	Jamie Humphrey	$750	Mixer
Bruker	Henry	$500	Mixer / EF / SF / OM
Strem Chemicals Inc	Ephraim Honig [EphraimHonig@strem.com]	$500	Mixer
Centre for Catalysis Research and Innovation	Tom Baker	$500	Mixer
Aldrich	Craig Murray	$500	Mixer
Bowling Green State University - Photochemical Sciences	Phil Castellano	$500	Mixer / OM
Centre Quebecois sur les materiaux fonctionnels		$500	OM
Quebec Centre for Self-Assembled Chemical Structures		$500	OM
Quebec Centre for Self-Assembled Chemical Structures		$500	SF
Bruker	Henry	$500	IC
Spectra		$300	OM
VWR	Ernesto Sanchez	$250	Mixer
Chemglass	Angela Bell	$250	Mixer
Perkin Elmer	Serge	$250	Mixer / SF
Total Money Raised		$20,800	$0

Financials

Funding from sponsors:

1,000 $ Wiley (IN7, F. Jalilehvand)
300 $ Wiley (3 grad student poster awards, R. Roesler)
2,500.00 $ Green Centre Canada (IN2, P. Hayes)
2,000 $ York University (IN3, R. Crutchley)
500 $ Chemistry Department, York University (IN3, R. Crutchley)
$ Centre for Catalysis Research and Innovation (IN1, T. Baker)

TOTAL : $6 300

Inorganic Chemistry (IN) **Program Chairs: Frédéric-G. Fontaine (Université Laval), Xavier Ottenwaelder (Concordia)**

Symposium number	Organizers	Affiliation	Symposium title	Subject	Note
41	Frédéric-G. Fontaine Xavier Ottenwaelder	Laval Concordia	General Session		
42	Davit Zargarian Dmitry Gousev	UdM Wilfrid Laurier	Recent developments in pincer chemistry and multidentate ligands	Coordination chemistry, organometallic chemistry, homogeneous catalysis	
43	Glen Briand	Mount Allison	Main group chemistry		
21	Xavier Ottenwaelder Manon Couture	Concordia Laval	Bioinorganic Chemistry and Inorganic Biochemistry	Bioinorganic chemistry	*Joint with* BM
33	Francesca Kerton Christopher Kozak Dino Amoroso	Memorial	Green Chemistry: Catalysis	Heterogeneous catalysis, Homogeneous catalysis, Biocatalysis	*Joint with* OR and IN
44	Audrey Moores Tomislav Friscic	McGill	Green Chemistry : Materials	Nanomaterials, Green polymers, solid-state reactions	*Joint with* MS and MT
45	Sean Barry	Carleton	Precursors and Surface Chemistry in Chemical Vapor Deposition and Atomic Layer Deposition	Synthesis of precursors for CVD and ALD	*Joint with* PT and SS
46	Jennifer Love Glenn Sammis Jean-François Paquin	UBC Laval	Synthetic and Catalytic Aspects of Fluorine Chemistry	Organometallic, organic and homogeneous catalysis	*Joint with* OR
47	Suning Wang Frédéric-G. Fontaine Steve Wescott Tom Baker	Queens Laval Mount Allison Ottawa	Group 13 Elements in Novel Materials and Catalysis	Organometallic, materials, main group chemistry	*Joint with* MT
48	Hanadi Sleiman Andreea Schmitzer Garry Hanan	McGill UdM UdM	Supramolecular Chemistry	Organic and coordination chemistry related to supramolecular chemistry	*Joint with* MT