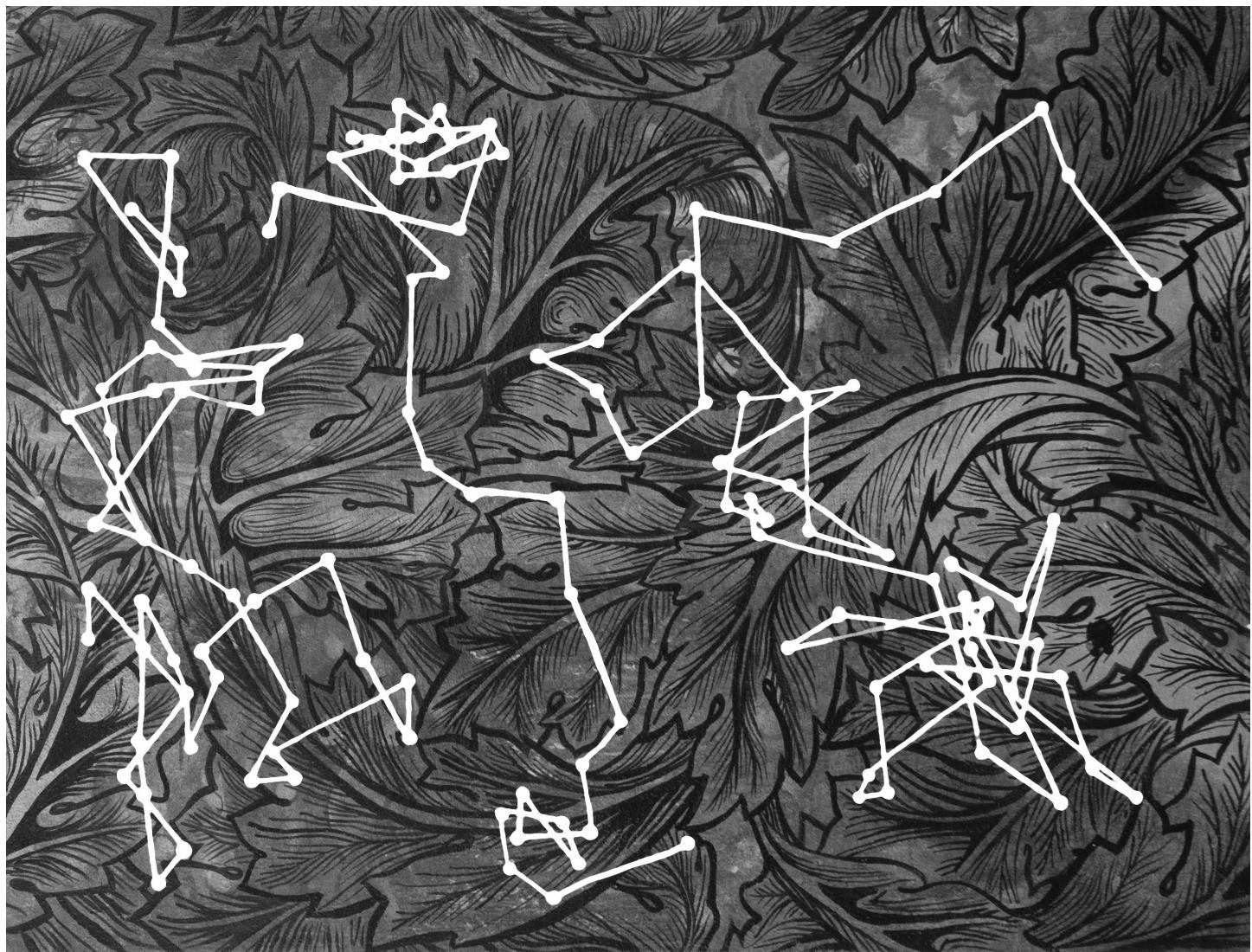


# Communiqué

SOCIÉTÉ CANADIENNE D'HISTOIRE ET DE PHILOSOPHIE DES SCIENCES  
CANADIAN SOCIETY FOR THE HISTORY AND PHILOSOPHY OF SCIENCE

Nº 88

Summer/Été 2014



**“Brownian Motion 1”**, Sylvia Nickerson, 2012. This is one of a series of paintings inspired by Albert Einstein’s miracle year of 1905. In this image, a graph exhibiting Brownian motion is superimposed on a laurel leaves pattern inspired by the textiles of late 19<sup>th</sup> century artist William Morris. *Sylvia Nickerson completed her PhD in the history of science at the University of Toronto in 2014. She has also worked as a freelance illustrator for magazines and newspapers in Canada and the United States since 2005. She keeps a record of her visual art work at [www.sylvianickerson.ca](http://www.sylvianickerson.ca)*

# Communiqué

Newsletter of the  
Société canadienne d'histoire et de philosophie des  
sciences/Canadian Society for the History and  
Philosophy of Science

Nº 88  
Summer/Été  
2014

[www.cshps.ca](http://www.cshps.ca) [www.schps.ca](http://www.schps.ca)

Please direct submissions and inquiries to Vincent Guillain or Eleanor Louson, preferably by email (details below). Please note that submissions can be sent in either official language. The editors are grateful to York University for assistance in printing and mailing costs and to the University of Guelph for providing the necessary software.

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## CSHPS-SCHPS Executive:

President: Lesley Cormack (U of Alberta)  
Past-President: Kathleen Okruhluk (UWO)  
First Vice-President: Frédéric Bouchard  
(Université de Montréal)  
Second Vice-President and Corresponding  
Secretary: Joan Steigerwald (York)  
Secretary-Treasurer: Conor Burns (Ryerson)

## New Coeditors' Welcome

Welcome to the summer 2014 issue of Communiqué. Your incoming coeditors are Vincent Guillain (UQAM) and Eleanor Louson (York). We are excited to take on this task and look forward to bringing you news and announcements from our membership, as well as interviews with relevant figures in the Canadian HPS-STS community. We're also starting Career Corner, a column devoted to professional issues for graduate students and their professors. Enjoy our inaugural issue; please excuse its tardiness as we found our footing (we hope its super-size makes up for the fact that it's officially no longer summer) and remember to keep us up to date with your announcements and notices.

Happy Reading!  
*Eleanor & Vincent*

*\*\*Please note that the minutes of the 2013 Annual Meeting can be found on the CSHPS website at [www.cshps.ca](http://www.cshps.ca)\*\**

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## SCHPS/CSHPS

Société Canadienne d'histoire et  
philosophie des sciences  
Canadian Society for the History and  
Philosophy of Science

### AGENDA Annual General Meeting Brock, May 25, 2014

1. Approval of Agenda
2. Minutes of last meeting
3. President's Report
4. Treasurer's Report
5. Secretary's Report
6. Communiqué Report
  - Archives
  - Should Communiqué go exclusively electronic?
7. Report of the First Vice-President: Lobbying
8. Website / List-serve Manager's Report
9. Nominating Committee's Report
10. Conference Program Committee Report
11. Hadden Book Prize Committee Report
12. Other business
  - Should we consider adding "Social Studies" to CSHPS title?

*\*\*Please note that the minutes of the 2013 Annual Meeting can be found on the CSHPS website at [www.cshps.ca](http://www.cshps.ca) \*\**

### Draft Minutes of Annual General Meeting Brock, May 25, 2014

In attendance: Ben Mitchell, Eleanor Louson, Isaac Record, Bryson Brown, Frédéric Bouchard, Andrew Ede, Joan Steigerwald, Richard Arthur, Joseph Berkovitz, Jim Brown, Melanie Frappier, Kristen Schranz, James Elwick, Dan McArthur, Kenton Kroker, Ernie Hamm, Gordon McOuat, Matt Silk, Karine Fradet, Jessey Wright, Daniel Booth, Elliot Rossiter, Derek Webster, James Hull, Paul Greenham, David Orenstein, Ingo Brigandt, David Pantalony, Elizabeth Neswald, Erich Weidenhammer, Marga Vicedo, Mark Solovey, Allan Olley, Sylvia Nickerson, Lesley Cormack, Conor Burns, and enough pizza for three times this many.



*A massive lunch was enjoyed by all.*

Call to order & introduction (Lesley Cormack)

1. Approval of agenda

Motion to approve agenda made by Gordon McOuat; Isaac Record second; Vote to approve agenda PASSED

## 2. Approval of 2013 AGM minutes

Motion to approve 2013 minutes made by James Hull; David Orenstein second; vote to approve minutes PASSED

## 3. President's Report (Lesley Cormack)

a. Thanks to Bryson Brown and Elizabeth Neswald for meeting program and arrangements

b. Report on International Union for History and Philosophy of Science (IUHPS) meeting, Manchester, summer 2013:

-Huge meeting, around 1700 in attendance, very well organized

-Lesley Cormack became First Vice President

-Next meeting will be in Rio, 2017

-Commissions within IUHPS taking on new role now more open to apply for creation of new Commissions

-DLMPS (Division of Logic, Methodology and Philosophy of Science) meeting in 2016 Helsinki: we need three reps; NRC will pay

c. Three Societies meeting next (2016) to be held in Canada (Edmonton)

-We need a Canadian Program Committee person

## d. Report on SSHRC Cluster Grant:

-received full year extension

-has raised profile of HPS in Canada greatly

-Gordon McOuat talked a bit about working on the transition to a "post-Cluster" world

-talked about possibilities of Partnership Development Grants designed for cross-institutional collaborations

-Possibilities of a "Post-Cluster consortium" for applying for further partnership grants; for developing strategies to bring researchers from different institutions, raising social capital; for creating "networks of centres of excellence"

Some general discussion followed the President's Report.

## 5. Treasurer's Report (Conor Burns; cf. report)

Motion to approve made by Isaac Record; Bryson Brown second; vote to approve PASSED

## 6. Secretary's Report (Conor Burns; cf report)

Ellie Louson brought up possibility of increasing social media presence in order to boost membership; would look into it.

Motion to approve sec report made by Dan McArthur; Kenton Kroker second; vote to accept report PASSED

## 7. Communiqué Report

-Big thanks expressed to Aryn Martin and Sophie Lachapelle (both in abstentia); much applause

-Discussion ensued over whether it's time to take Communiqué fully electronic

-Isaac Record: paper copy still desirable, esp. for conference programme

-Though, electronic version would be able to have last minute changes

-Melanie Frappier: raised question of costs involved in production

-Lesley Cormack: right now, Guelph covers cost of printing and York the cost of mailing; new editors would need to have institutional financial commitment; big thing to keep in mind is that going electronic certainly does not mean free

-Kenton Kroker: raised question of whether this needs to be a "yes/no" decision; asked that new editors come back with a plan for electronic as there are many options

-Kenton Kroker: motion that new editorial team investigates different options for Communiqué electronic formats, to be tabled

at the next AGM; Kathleen Okruhlik seconds; motion PASSED.

#### 8. Archives report (Kenton Kroker);

-Need to make CSHPS archives and archival effort at York official; this requires us to make a plan and come up with an official collection policy:

a) we'll need to designate someone as "archival liaison"

-will require constitutional change next year

b) we'll need to create a concrete accessions policy

-Proposal made that "one member of the advisory board be designated as archival liaison" (this is not meant to be an "archivist", but rather someone who will facilitate communication between CSHPS/York archives and the CSHPS community).

-Kenton Kroker, Isaac Record and Conor Burns will come up with a policy for collection

philosophy departments

-seems to be having some success in getting SSHRC to acknowledge imbalances in budget allocations



*"I'm telling you, the fish was thiis big..."*

Discussion followed; Fred Bouchard not going to lobby SSHRC this year with new president coming in; general upshot if you have concerns about SSHRC, talk to VPR office—they want information; Fred Bouchard will send around a copy of his CPA memo.

#### 10. Website list manager's report (Isaac Record)

-Reminder that all members can send messages to full membership through the list-serve

-big thanks to Isaac Record, much applause

#### 11. Programme Committee Report (Bryson Brown; cf. report)

-Hadden Prize winner: Aaron Wright, University of Toronto, "Space/Time/Vacuum: Ontological dialogues within Paul Dirac's international correspondence network."

#### 12. Nominating Committee Report (Daryn Lehoux & Jean-Pierre Marquis; cf. Report)

-motion to accept made by Ernie Hamm; PASSED

#### 13. Other business:

a. Fred Bouchard: Junior Faculty Prize

-As for SSHRC:

-Will listen only to big VP-research officers

-Fred Bouchard talked about a memo he drafted for CPA on consequences of lower SSHRC/ Insight Grant success rates and need to lobby VPR offices that was distributed to chairs of

-This idea was brought up last year; non-monetary award for best publication/something accepted for publication by junior level faculty member. Purpose in to build social capital, good for tenure files etc.

-Fred Bouchard moves: "That CSHPS will offer a prize for the best paper published or accepted for publication in the year prior to the annual society meeting. The author must be a pre-tenure scholar with a PhD, but no more than ten years from receipt of PhD, and must be a member in good standing of CSHPS."

-Richard Arthur seconds; motion PASSED.

b. Adding "social studies" to CSHPS name (Joan Steigerwald)

-Suggestion of changing organization name to "Canadian Society for History, Philosophy and Social Studies of Science"

-Lively discussion ensued. Some concern about the society going too far in the direction of 4S (i.e., in being over-inclusive); sociologists are already participating, so perhaps no need to change name?; concern for exclusion by name

-General upshot of discussion: most everyone seems to agree in spirit, but there is clear disagreement over whether there is in fact a need to change the name. To be continued.

Meeting adjourned.



Patio time in the woods after a hard day's conference.

## 2014 Treasurer's Report

Financial Statement June 2013-May 2014,  
Brock University

**Opening Balance** **29,941.64**

### Credits

Membership dues(June 2013-May 2014)	4650.24
CFHSS (Congress reimburse 2013	2809.35
\$4020-1210.65)	
CFHSS (Aid to Interdisciplinarity grant)	250.00
CFHSS (Funding for International	1000.00
Activities grant )	

**Total Credits** **8709.59**

**Total** **38,651.23**

### Debits

Travel reimbursement	3000.00
(students/sec.treas., Waterloo)	
AGM catering (Waterloo)	551.62
Total Plenary & Drake Lecturer (incl. dinner)	2094.50
Hadden Prize	78.45
CFHSS Dues	907.02
Web domain name fee (29.26 x 2)	58.52
<b>Total Debits</b>	<b>6690.11</b>

**Net** **31,961.12**

### 5-Year Running Balance

May 5, 2009	15,356.85
May 2010	21,442.09
May 2011	29,028.22
May 2012	27,008.87
May 2013	29,941.64

*Conor Burns, Secretary-Treasurer*

## 2014 Secretary's Report

### Membership

Our total membership numbers are down a bit from last year's total (155), but in the grand scheme of things we're not doing too badly. Perhaps I need to do more advertising; I'd certainly encourage others to do the same. Any other suggestions for drumming memberships are welcome.

Membership category	Number
Regular	59
Student	45
Retired/Partial employed	13
Regular + Affiliated CSHPM	5
Student/Retired + CSHPM	3
CSHPM Affiliated	22
Honorary	2
<b>Total</b>	<b>149</b>

Figures from 2013 – 155; 2012 – 161; 2011 – 146; 2010 – 147; 2009 – 120; 2008 – 139; 2007 – 103; 2006 – 68; 2005 – 98; 2004 – 117; 2003 – 121; 2002 – 114

### Grants

We again received a \$250.00 Aid to Interdisciplinarity grant last year from CFHSS. We also received from CFHSS a "Funding for International Activities" grant in the amount of \$1000 that will help cover Drake Lecture costs (our speaker is coming from the US). We are also now into our second full year without a travel grant from SSHRC (SSHRC cancelled this). Despite this substantial loss of revenue, so far our finances have been pretty solid, thanks largely to finding other grants such as the CFHSS International Activities grant as well as the kindness of speakers (last year, Rob Iliffe largely paid his own way to Victoria).

Respectfully, *Conor Burns, Secretary-Treasurer*

## 2014 Nominating Committee Report

We have sought and obtained the agreement of the following members of the society to stand for election to the following positions at this Annual General Meeting.

#### Program Committee:

Christophe Malaterre (UQAM)	to 2015
Ken Waters (Calgary)	to 2015
Debra Lindsay (UNB, 2nd term)	to 2015

#### Local Arrangements:

Mitia Roulx-Beaulne (Ottawa)	to 2015
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#### Nominating Committee:

Tara Abraham (Guelph)	to 2017
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#### Communiqué Editors:

Vincent Guillain (UQAM)	to 2016
Eleanor Louson (York)	to 2017

#### Advisory Board:

Marga Vicedo (Toronto)	to 2017
Daryn Lehoux (Queen's)	to 2017

#### For information only:

The following members will continue in the offices they currently occupy, as per the terms of their previous election.

#### President:

Lesley Cormack (Alberta)	to 2016
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#### Past-President:

Kathleen Okruhlik (UWO)	to 2016
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#### First Vice-President:

Frédéric Bouchard (U de Montréal)	to 2016
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Second Vice-President:  
 Joan Steigerwald (York University) to 2016

Secretary-Treasurer:  
 Conor Burns (Ryerson University) to 2015

Nominating Committee:  
 Jean-Pierre Marquis (U de Montréal) to 2015

Advisory Board:  
 Melanie Frappier (King's) to 2016  
 Kenton Kroker (York University) to 2016  
 Lisa Gannett (St. Mary's) to 2015  
 Yves Gingras (UQAM) to 2015

Website/Listserv Manager:  
 Isaac Record (University of Toronto) to 2015  
 or beyond

Respectfully submitted,  
*Daryn Lehoux & Jean-Pierre Marquis*

## 2014 Programme Committee Report

Committee Members:  
 Debra Lindsay (University of New Brunswick)  
 Letitia Meynell (Dalhousie)  
 Bryson Brown (Lethbridge, Chair)

We received a total of 83 paper abstracts and 7 session proposals. In the end, letters of acceptance were sent to the authors of 79 of the paper abstracts and 6 of the session proposals; after a total of six withdrawals, the final programme includes 72 papers and 6 sessions. We thought the session on Lee Smolin's Time Reborn would interest many members, so it was scheduled for the Plenary slot on May 24.

The submitted papers were fairly evenly

balanced between the broad categories of philosophical, historical and science-and-technology focused; session proposals were mostly historical and science and technology-focused. 18 of the abstract submissions were from authors self-identified as students. Further digging (just at coming up with the right titles for correspondence) identified a few more submitters, including some of our session proposers, as students.

We received 6 submissions for the Hadden Prize. This was a difficult process for the committee, largely because most of the papers went well beyond the officially prescribed length of 3500 words. This left us in a difficult dilemma. Only two of the submissions were within the set length, and the committee didn't find them to be as strong as the best of the longer papers (though we were also concerned that this was at least in part because of their brevity). After some discussion, we decided to consider papers up to 4500 words, on the premise that these could plausibly be edited down to the stated limit without major amputations. We understand there is precedent from previous years for this kind of constrained flexibility, but we think it would be worth investing a bit more effort on this issue by both revisiting the length limit and communicating whatever policy is adopted more forcefully.

The Hadden Prize essay for 2014 is a study of correspondence between Dirac and other prominent physicists from the late 20's to the early 30's titled "Space/Time/Vacuum: Ontological dialogues within Paul Dirac's international correspondence network", by A. S. Wright (IHPST, University of Toronto).

*Bryson Brown, (For the Committee)*

## Gordon McOuat's Cluster's-Eye View

*Gordon is one of the busiest people we know, and tracking him down for the inside scoop on his time at the helm of **Situating Science** [aka the Cluster] wasn't easy. In the end, we sent him the following questions as he was boarding a flight to Saskatchewan.*

### *What were the biggest challenges in the day-to-day running of the Cluster?*

People should remember that this is the first time the Canadian HPS/STS community has run a project this big. We had nothing to draw on. At first we were flying by the seat of our pants. We've now exchanged those pants for a well organized machine, mostly through the three Project Managers, Greta Regan, Andrew Fenton, and the totally amazing Emily Tector. So, things are much more smooth. However, Situating Science is by its essence an interdisciplinary endeavour, drawing people in from history, sociology, philosophy, policy, literature and the arts, and sciences. Getting them to resonate together was no easy task, but I was struck by the good will all around. Since it was a "knowledge mobilisation" project, we were constantly making sure that the Cluster activities reached beyond the "usual suspects" and out into the wider communities and stakeholders, bringing newbies into the conversation. This can be challenging at times.

### *What was the highlight of the job for you?*

For me, meeting with scholars from all kinds of fields, finding their commonalities, and helping catalyse new projects and initiatives. I really like finding new contacts between people. Also, the end of the year reports always gobsmacked me: a lot of stuff has happened during the Cluster.

I think that SSHRC noticed this, which is why we are up for an Impact Award.

### *What advice would you give your younger self before starting the job?*

Don't do it! I was warned by previous big-project leaders that it'd be crazy to do such a thing, and that my academic output would drain away. It has! But, still, it's been fun and not nearly as damaging as I thought.

### *What's your funniest Cluster moment?*

The funniest moments came at the very beginning, when we were trying to get all the diverse cats into one pen. Some sociologists of science were furious at us for being too historical and philosophical and not having enough sociology. At EXACTLY at the same time some philosophers of science were angry for it being too sociology and historically oriented. The same with the Canadianists vs. the internationalists, the historians vs. the... etc. It was a bit of a free-for-all demo-derby, and we received a lot of flak. And I was a bit rude to well-meaning people, for which I wholly regret. I came to my senses when my great friend and colleague (one of the co-applicants in the project), the incomparable Yves Gingras, smacked me upside the head and said: "we can't be all things to all people." He still thinks that I am trying to make it all things to all people. I can hear him now: "That's garbage!" I laugh when I think of it.

### *Do you think your time with the Cluster will change the way you teach, research, or administrate in the future?*

### *What's next, for yourself and the Cluster?*

The most striking thing that came by the way of the Cluster was during our symposium workshop organised jointly with the Centre for

Philosophy and Humanities at the University of Manipal in India. This joint symposium matched upcoming and established Canadian scholars with counterparts in India, in order to compare styles of reasonings in STS/HPS. At the end of the event, Sundar Sarukkai, the head of the MCPH and a brilliant scholar, stood up and asked of us all: how will this encounter affect your teaching of STS/HPS? That question moved me deeply. We are primarily a Eurocentric bunch, us Canadian STS/HPS scholars (with another strong pole of attraction lying to our immediate south). I truly think the Eurocentric days are numbered, and we are duty-bound to initiate a fundamental reformulation of our usual stories in the history and philosophy of science. Hence our new SSHRC Partnership Development project on “Cosmopolitanism, East and West” arising in collaboration with India and South East Asia.

We are also initiating a couple of new projects to carry on the activities and the successes of the Cluster past the Cluster programme completion. The major partners involved with the Cluster are now putting together a proposal for a National Consortium of STS/HPS Institutions. The Consortium will facilitate joint research initiatives, applications for Partnering Grants, and perhaps even a National Centres of Excellence project. It would be a pity not to keep this stuff going.

As for my own research, I'm now starting a project on JBS Haldane's involvement in post-Independence India, where Haldane, one of the founders of modern population biology and neo-Darwinism, came to question the fundamental principles of his science and the statistical nature of the world. India is full of untapped resources and great STS/HPS

scholars and I hope to be working closely with them.

As for administration work? There are these new projects, and I am Interim Director of the History of Science and Technology Programme at King's. But, perhaps through all of this I have become a Groucho-Marxist. That is, I don't think I'd want to lead anything that would have me as a leader. It's for the next generation to dream up something wonderful. Fred Bouchard has said that one of his visions and hopes coming from our activities is that there will be a robust STS/HPS presence in Canada in 100 years. That's a vision worth fighting, and organising, for.

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## CAREER CORNER

*The Communiqué coeditors are excited to announce this new column, Career Corner, devoted to professional development issues for CSHPS student members. What can graduate students do to enhance their employability? What can professors do to help their students succeed? Over the next 3 years we hope to offer practical solutions from our expert columnist Jon Turner.*

At the University of Toronto Career Centre we apply a model of self-directed career management that I believe is consistent with the degree level expectations of the university, especially as they relate to independent and critical thought. I would rather teach people essential skills and knowledge (whether HPS or professional development), than to be an encyclopedic fountain of knowledge. The model of self-direction we use is an adaptation

of Andreas Hirschi's Career Resources model; we're convinced that for a professional to be successful you have to balance four resources or capacities: identity (who you are and want to be), psychological (your resilience and tenacity), human (what you know and know how to do), and social (who you know).

What we find most commonly among recent graduates and career changers is that they are weakest in their social capacity—they lack networks. What can you do to improve your network? Informational interviews are probably the biggest tool here, but employer recruitment panels and fairs, alumni events, conferences, professional meetings, social media (LinkedIn and Twitter, especially), and volunteering are great ways to meet professionals in the career you want to pursue. As daunting as it is to reach out to people you don't know (I'm introverted, so I find this particularly challenging), remember that most people are always happy to help. If someone reached out to you to ask you about what you do, you'd probably say yes provided you had a connection in common and/or their request was reasonable and you could see a connection between what you have to offer and what they need.

We're also noticing that academic labour market expectations and realities are battering the resilience and identities of many PhDs and postdocs. I expect to address this topic (frequently) in coming issues.

*About the author: Jonathan Turner is a Career Educator at the University of Toronto Career Centre. He is leading the revitalization of group and individual services offered to graduate students and post-docs at UofT.*

## **Report on the Conference on Teaching History of Science and Technology at the Harbin Institute of Technology in Harbin, China.**

*Andrew Ede; Director, Science, Technology and Society Program, University of Alberta*

I was very pleased to be invited to present a paper on the STS Program at the University of Alberta at the 5<sup>th</sup> biennial conference on Teaching History of Science and Technology held on July 12-13 at the Harbin Institute of Technology in Harbin, China.

The conference brought together about 120 scholars from across China who met to present papers on their teaching programs and to discuss pedagogy and promotion of history of science. There was a strong feeling that history of science and technology was an important area for students for two reasons. The first was to help educate citizens to have a critical understanding of issues in science and technology. The second was to foster a sense of Chinese history among a student body that is increasingly unaware and unconcerned about its own historical roots.

Some of the highlight papers for me were a presentation on ancient Chinese agriculture by Dr. Wei Luling of the South China Agricultural University that discussed the movement of populations within China caused by the introduction of new plows, and a report on Chinese mathematics by Dr. Nie Fuling of the of Inner Mongolia Normal University. Based on one of the largest collections of historical texts on mathematics in China, Dr. Nie argued that Chinese mathematics was slow to develop higher mathematics (especially calculus),

because scholars used words for numbers rather than place-holder symbols, drawing an interesting parallel between the transition from Roman numerals to Hindu-Arabic mathematics in the West. I was interested in a break time conversation with Dr. Xiadong Yin (Capital Normal University), the organizer of the conference, who speculated that Chinese pre-science was slow to develop into experimental science in part because the Chinese failed to develop glass, which meant that experiments in chemistry and parts of biology and physics could not be observed. Dr. Xiadong said that despite having access to mercury for generations, the Chinese never made a mercury barometer.

There was also an interesting number of scholars who commented on the importance of beauty in science. Although I wondered if this was a translation problem (the organizers very kindly assigned me a translator) using beauty where we might have used the term elegance, in fact the speakers were interested in actual physical beauty and how humans perceive beauty in the world and in science.

At the closing discussions, the most repeated theme was how to raise the level of awareness of history of science in university administrations. China is, like the rest of the world, placing a great deal of emphasis on STEM subjects, but largely neglecting Arts subjects. Teaching history of science is seen by most of the scholars at the conference as a necessary and important bridge between technical training and social issues that require a public knowledge of science and technology.

After the conference, I traveled to Wuhan University in Wuhan as the guest of Dr. Audrey

Li. Dr. Li had spent a year at the University of Alberta as a visiting scholar. I was honoured to be asked to present a talk on my current research on chemical warfare in World War I. This topic has political and historical importance for the Chinese since they were the subject of the second greatest use of chemical weapons after WWI when the Japanese used chemical and biological weapons in Manchuria.

China is in a period of rapid change. I attended the 2005 UNESCO-sponsored international conference on the history of science held in Beijing, when the reforms were just beginning. In nine years, the changes in the economy and the flowering of intellectual life were remarkable. Very few Chinese universities are over 100 years old, and most were created after World War II, so the academic traditions are based on a complex mix of western-influenced university traditions and the older Chinese heritage of individual scholarship. The changes have effected scholars mostly in positive ways. There is much greater freedom to study without restrictions and even a tolerance of levels of criticism of government policy. Scholars are studying everything, and there are numerous societies that bring together people working in the same field. These societies have a much greater importance in China than the West since they are also often responsible for developing textbooks and creating curriculum.

On the negative side, the universities have been told to make money and become self-supporting. Subject areas like engineering that offer (or appear to offer) a path to a good job are being strongly favoured for university resources as student demand for those subjects far exceeds the capacity of Chinese universities.

This has left other subject areas underfunded and the target of cuts.

There is a very great interest in training students in Western universities and Chinese scholars are being encouraged to study or teach abroad. In some cases it is less expensive to send Chinese students to American or Canadian universities than to pay for a similar education at a second-tier Chinese university. First tier universities in China are, paradoxically, less expensive than lower ranked institutions, but admit only the highest ranked students. Western professors are also being invited to visit and teach at Chinese institutions. Although I suspect that this will change as Chinese scholars participate more in international forums, having a visiting Canadian scholar is seen as a valuable international connection, which in turn is important for the status of the host institution.

Although Chinese professors often have a different perspective on what is important in the history of science, one aspect was uniform between east and west—the desire to foster students with critical skills and a belief that studying the history of science can help create well-educated and informed citizens.

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## ANNOUNCEMENTS

### **“Social Science, Ideology, and Public Policy in the United States, 1960s to the Present” Conference**

Michael Pettit, Mark Solovey, and Alexandra Rutherford have recently been awarded a Social Sciences and Humanities Research Council of Canada Connections Grant to hold a working conference entitled “Social Science, Ideology,

and Public Policy in the United States, 1960s to the Present” in Toronto, October 17-19th, 2014. Together with invited scholars from Europe, the United States, and Canada, they will examine how social scientists applied their expertise to prominent issues including poverty, mental health, research ethics, educational reform, gender issues, sexuality, race relations, crime, and economic growth. The project will illuminate how American social science became involved in ideological struggles and associated public policy controversies over the last fifty years, and to what effects.

This working conference will be preceded by a public workshop on methods entitled “Histories of the Social Sciences: Recent Past, Digital Futures” and a public lecture by historian of economics, Philip Mirowski. For more details, see the conference website: [recenthistssocialsci.wordpress.com](http://recenthistssocialsci.wordpress.com)

### **John Austin Society for the History of Medicine and Science**

At Queen’s University (2014-2015 academic year) the John Austin Society for the History of Medicine and Science will celebrate its 50<sup>th</sup> Anniversary. Speakers include Neil Hobbs (“In Praise of Eponyms. A League of Medical Nations”), Paul Manley (“Gastric Ulcers and Cancer-Stress, Napoleon and Helicobacter organisms”), Robert Kisilevsky (“The Amyloid Story. Some Steps Forward and Some Steps Back”), and Greg Baran (“A journey through Hell’ The Firsthand Account of Kingston physician Dr Cumberland through the Trenches of World War I”). For further information please see: [http://post.queensu.ca/~forsdyke/john\\_austin\\_society.htm](http://post.queensu.ca/~forsdyke/john_austin_society.htm)

**Congrès annuel 2015 de la Société de philosophie du Québec (25-29 mai 2015, Université du Québec à Rimouski)**

**Thème : Expérience, Expertise et Expérimentation**

Pour son Congrès 2015 qui se tiendra à Rimouski, la SPQ invite les membres de la communauté philosophique à proposer des communications orales, des communications par affiche, ainsi que des tables rondes. Le Congrès se tiendra dans le cadre du Congrès de l'ACFAS, sur le site de l'Université du Québec à Rimouski du 25 au 29 mai 2015.

**Tables rondes:** Par table ronde, nous entendons toute activité regroupant des communications verbales sur un thème et supervisée par un ou des responsables. Sont donc considérés à ce titre les symposiums, les colloques, rencontres autour d'un livre, etc. Les propositions de tables rondes portant sur tout autre sujet que le thème du Congrès sont les bienvenues. Les projets de table ronde doivent être adressés aux organisateurs à [congresspq@gmail.com](mailto:congresspq@gmail.com) avant le 15 décembre 2014. Ceux-ci doivent comprendre a) une description du projet; b) une liste des conférenciers pressentis avec leur affiliation institutionnelle, leur statut et leur adresse électronique c) le titre et le résumé (1500 caractères) de chacune des communications; d) une version préliminaire du programme de l'activité.

**Communications libres:** En ce qui a trait aux communications libres, nous demandons aux candidats de respecter et de rester près du thème du congrès (Expérience, expertise et expérimentation) et de souligner ce lien lorsqu'ils soumettent leur proposition. Vous

devez faire parvenir le texte intégral de votre communication en fichier joint par courrier électronique aux organisateurs à [congresspq@gmail.com](mailto:congresspq@gmail.com), au plus tard le 15 décembre 2014. Il doit s'agir d'un document en format DOC (Word), PDF ou RTF, d'un maximum de 3000 mots, comprenant sur la première page un résumé de 1500 caractères. Notez que ce document ne doit comporter aucun renseignement permettant d'identifier l'auteur, puisqu'il sera ensuite soumis à deux évaluateurs qui doivent procéder dans l'anonymat. Votre courriel doit, en revanche, contenir toutes les informations suivantes: prénom, nom, statut professionnel, affiliation institutionnelle, et doit nous parvenir de l'adresse électronique qui vous sert ou vous servira pour votre inscription à l'ACFAS.

Pour plus de détails, consultez régulièrement le site de la SPQ : <http://spq.uqam.ca>. Pour plus d'informations sur l'ACFAS, ses modalités d'adhésion et l'inscription au Congrès, consultez régulièrement le site : <http://www.acfas.ca>.

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**Calgary Summit of Philosophers of Science**

The Calgary Summit of Philosophers of Science was held September 26-27, 2014. The

topic of the Summit was future approaches for philosophy of biology. Six extensive discussions began with talks by John Dupré, Philip Kitcher, Helen E. Longino, Elliott Sober, C. Kenneth Waters, and William Wimsatt, followed by comments from John Beatty, Marc Ereshefsky, Carla Fehr, Lisa Gannett, Denis Walsh, and Robert Wilson. The Summit included a poster forum where Canadian students and postdoctoral fellows presented their research. For more information about the Summit, visit [www.phil.ucalgary.ca/summit2014](http://www.phil.ucalgary.ca/summit2014).

### **Job posting, Assistant/Associate Professor of Mathematics, Pitzer College**

Pitzer College, a member of the Claremont Colleges in California, seeks an Assistant/Associate Professor of Mathematics whose scholarship includes work in the history of mathematics, the philosophy of mathematics, or ethnomathematics. The Ph. D. is required, and if it is not in mathematics, the candidate should have at least a Bachelor's degree in mathematics and either a Master's degree in mathematics or similar additional graduate coursework. The successful candidate would teach courses in her or his specialty, courses in mathematics designed for liberal arts students, the Calculus sequence, and other mathematics courses as appropriate. The Claremont Colleges (Pomona, Harvey Mudd, Scripps, Claremont McKenna, and Pitzer) have a cooperative mathematics program, with more than 50 Ph. D. mathematicians. Our collective organization, the Claremont Center for the Mathematical Sciences, sponsors many activities, including a weekly Mathematics Colloquium. The successful candidate could also participate in the intercollegiate program in Science, Technology, and Society at the Cl-

aremont Colleges. For further details and application guidelines, please visit <https://pitzer.peopleadmin.com/postings/538>

The deadline for applying is November 7, 2014 or until the position is filled. Applications received before November 7, 2014 will be given preference. Preliminary interviews will be held at the Joint Mathematics Meetings, January 10-13, 2015, in San Antonio, Texas, or by phone for those who cannot attend the meeting. Campus interviews will follow in late February and early March, 2015.

### **Institute for STS Awarded \$376,193 by the Templeton Religious Trust**

The Institute for Science and Technology Studies has been successful in winning \$376,193 in funding as part of a recently-awarded £1.9 million research grant titled "Clash Narratives in Context: Uncovering the Social and Cultural Drivers of Contemporary Science vs. Religion Debates." This funding will support the creation of two new postdoctoral fellowships, hiring a project manager, organizing workshops and conferences, and paying for research and travel expenses.

The research will build a new understanding of the increasingly polemical public debates surrounding evolution and religion today and will comprise multidisciplinary humanities and social science studies conducted in the UK and Canada. This innovative and unique research project will employ four intersecting approaches: qualitative social science field research; oral history, historical and media discourse analysis; social psychology experimental research; and a large scale quantitative survey

of public perceptions, attitudes and identity formation in the UK and Canada.

Coventry University will lead this three-year research project funded by the Templeton Religion Trust in partnership with York University (Canada) and National Life Stories at the British Library and British Science Association. The research team is led by principal investigators Dr Fern Elsdon-Baker (Coventry) and Prof. Bernard Lightman (York, Canada), and co-investigators Dr Carola Leicht (Coventry) and Dr Rebecca Catto (Coventry).

### **Hewton and Griffin Bursaries for Archival Research in 2015**

The Friends of the Archives at the Centre for Addiction and Mental Health (CAMH), dedicated to the history of Canadian psychiatry, mental health and addiction, have established two endowment funds. These funds annually provide bursaries in memory of their late colleagues, Ms. E.M. (Lil) Hewton and Dr. J.D.M. (Jack) Griffin, O.C.

The main purpose of the bursaries is to provide financial assistance to students, and others not necessarily associated with an academic institution, who propose to undertake archival research on an aspect of the history of mental health or addiction in Canada. The FOA board at its discretion may approve bursaries to a maximum of \$2,500 each.

There is no application form. Candidates are invited to submit a letter of intent not exceeding 300 words, together with a budget and résumé, not later than November 30, 2014. These awards are conditional on the bursary holders agreeing to submit progress

reports within one year, and a final report including a financial synopsis within two years of receiving the bursary.

Please submit an application for the year 2015 by the November 30th, 2014 deadline to:

Vivienne Gibbs  
President, Friends of the Archives  
CAMH, 1001 Queen Street West  
Toronto, Ontario M6J 1H4  
Or by e-mail: [John.Court@camh.ca](mailto:John.Court@camh.ca)

## **MEMBER UPDATES**

### **Catholic University of America**

*Jean De Groot* published the book *Aristotle's Empiricism: Experience and Mechanics in the Fourth Century BC* (Las Vegas: Parmenides Publishing, May 2014). For information, see the publisher's website: [http://www.parmenides.com/publications/DeGroot\\_Empiricism.html](http://www.parmenides.com/publications/DeGroot_Empiricism.html) The book is also on Amazon.

### **McMaster University**

*Ric Arthur* presented two papers in Germany this summer: "Motion Geometrically Considered, and Motion with Respect to Cause" for the conference The Mechanization of Geometry: from Antiquity to the Modern Age, at the Max Planck Institute for the History of Science, Berlin, June 24; and "Spacetime in Leibniz's *Analysis Situs*," for the conference The Science of Space: Geometry and Metaphysics in Leibniz, at the Max Planck Institute for the Mathematics in the Sciences, Leipzig, July 1.

His most recent book, *Leibniz* (Polity Press, 2014), will come out in Canada in October this year.

## Université de Montréal

*Frédéric Bouchard* was named the first ÉSOPE Chair of philosophy (2014-2018), the philanthropic chair at the Département de philosophie, Université de Montréal. He was also named director of the Centre interuniversitaire de recherche sur la science et la technologie ([www.cirst.uqam.ca](http://www.cirst.uqam.ca)) and serves as the 2014-2015 president of the Canadian Philosophical Association. He is pursuing research on the concept of biological individuality (that has lead among other things in the 2013 Edited book *From Groups to Individuals: Evolution and Emerging Individuality* MIT Press co-edited with Philippe Huneman and a recent article in the journal *Biological Theory*) and is starting a new SSHRC funded project on the epistemological diversity of definitions and measures of biodiversity with Christophe Malaterre (Philosophy, UQAM) with whom he is also co-organising the 2015 meeting of the International Society for the History and Philosophy of Biology (Montréal, July 5-10 2015).

## University of Guelph

*Tara Abraham* presented a paper on Warren S. McCulloch and autobiography at the Sixth Annual Critical Studies of Science, Technology, and Medicine Symposium at Ryerson University in May 2014, and continues work on her book manuscript on McCulloch, under contract with MIT Press. In August 2014, she was a Visiting Scholar at the Max Planck Institute for the History of Science in Berlin. Here she began working on a project on the re-

lations between laboratory research and clinical practice in studies of depression in twentieth-century America. In 2014-15 she will be a Visiting Professor at the Institute for the History and Philosophy of Science at the University of Toronto.

## University of Toronto

*Isaac Record* (UofT IHPST '12) is a Postdoctoral Research Fellow at the Faculty of Information at the University of Toronto, where he studies the adoption of emerging technologies and subsequent renegotiations of knowledge practices. Isaac is a Co-Applicant to a SSHRC Insight Development Grant for the project “I Made This!: Children’s Participatory Learning With 3D Printing”, which was recently fully funded at \$75,000. This project seeks to assess 3D printing as a learning tool for digital and cultural literacy. Isaac is also co-author of “Blind Tennis: Extreme Users and Participatory Design,” accepted for publication in the proceedings of the 2014 Participatory Design Conference in Windhoek, Namibia.

After many years working on limited-term contracts, *Mark Solovey* began a tenure-track position at the University of Toronto’s Institute for the History and Philosophy of Science and Technology (where he had previously worked for seven years). He is thrilled and celebrating for a full year, or longer, if his colleagues in our field think this is necessary. The paperback version of his edited book *Cold War Social Science: Knowledge Production, Liberal Democracy, and Human Nature* was recently published (Palgrave Macmillan, 2014) and at a very reasonable price. So far in 2014 he has presented his work at the Annual Meeting of the Organization of American Historians, in Atlanta, the Annual

Meeting of the Canadian Society for the History and Philosophy of Science, in St. Catharines, Ontario, and at the 8th ANR Workshop “Cross-Disciplinary Research Ventures in Post-war American Social Science,” in Paris. Unfortunately, the multi-year international project that he has been part of—“Cross-disciplinary Research Ventures in Postwar American Social Science: Five Case Studies (Chicago, Columbia, Harvard, Michigan, and MIT),” Principal Investigator: Philippe Fontaine, ENS Cachan—is coming to an end this year, as are his semi-annual trips to Paris. Currently, he is working a book project called *Social Science for What? Scientific Legitimacy, Public Purpose, and Federal Funding at the U.S. National Science Foundation*. And together with York University scholars Mike Pettit and Alexandra Rutherford, he is a co-organizer of the international, Toronto-based, SSHRC-funded workshop this coming October called “Social Science, Ideology, and Public Policy in the United States, 1961 to the Present” (see description in this issue, p.13).

In May *Heather Douglas* hosted a workshop on “Science-Policy Interfaces: International Comparisons” at the Balsillie School of International Affairs. With speakers from the UK, Denmark, the US, and Canada, and from political science, sociology, psychology, science studies, philosophy of science, and the natural sciences, we had a robust discussion among both scholars of and practitioners at the science-policy interface. Talk slides are available at <https://uwaterloo.ca/science-technology-society/science-policy-interface-international-comparison-workshop>. Thanks to all who came and contributed to the discussion, and thanks to SSHRC for supporting the workshop.

## York University

In February, *Jordan Bimm*’s Sacknoff Prize-winning article “Rethinking The Overview Effect” was published in the journal *Quest: The History of Spaceflight*. In April, he presented a paper titled “Simulating Mars in the 1950s and the Military Origins of Astrobiology” at *Embattled Heavens*, a conference held in Berlin, Germany. In May he was awarded the 2014-2015 HSS/NASA Fellowship in the History of Space Science. He continues work on his dissertation about the construction of the American Astronaut during the early cold war.

*Edward Fenner* of York University’s graduate program in Science & Technology Studies has completed his major research paper on American physicist Robert J. Van de Graaff. It is titled “Smashing Atoms and Expectations - Entrepreneurial Science and the Dawn of Publicly-Funded High-Tech Venture Capital at Robert J. Van de Graaff’s High Voltage Engineering Corporation.” This completes his requirement for the Master of Arts degree. He will now concentrate on expanding his paper into a biographical book on Van de Graaff. Comments, suggestions, and leads greatly appreciated.

*Kristen A. Hardy*, PhD Candidate in Social & Political Thought, is taking up a one-year faculty position in the Sociology Department of Brandon University, Manitoba, teaching the sociology of health and medicine.

Since last March three new collections co-edited by *Bernie Lightman* have been published:  
 - *The Age of Scientific Naturalism: Tyndall and His Contemporaries*. Co-edited with Michael S. Reidy. (London: Pickering and Chatto, 2014.)  
 - *Victorian Scientific Naturalism: Community,*

*Identity, Continuity.* Co-edited with Gowan Dawson. (Chicago: University of Chicago Press, 2014.)

*-Evolution and Victorian Culture.* Co-edited with Bennett Zon. (Cambridge: Cambridge University Press, 2014.)

*Aryn Martin* has presented portions of her forthcoming book about microchimerism and the embattled self at several conferences and colloquia in the past year. These include the American Anthropological Association, the Harvard Humanities Centre Sex and Gender Seminar, the Canadian Sociological Association (Congress), and at the University of Adelaide in Australia. Ethnographic trips to Seattle's Fred Hutchinson Cancer Centre and to a colloquium on "Redefining the Self: Biological and Philosophical Perspectives" at the Sorbonne in Paris have made it a busy year. She is beginning a new role as the Graduate Program Director at York University's S&TS Department and signing off as *Communiqué* co-editor. Relieved that the newsletter is in good hands, she thanks all of you who made the job easy and enjoyable, especially co-editor Sofie LaChappelle.

*Benjamin Mitchell* will be teaching at the University of King's College, in Halifax, Nova Scotia. His courses include the fall and winter portions of HSTC 4000, Science and Nature in the Modern Period, as well as HSTC 1200, Introduction to the History of Science, and HSTC 1801, Technology and Engineering: From the Industrial Age to the Cybernetic Age, in the winter term.

## Reminders from the Website & Listserv Manager

Members can share event announcements and other items of interest on our website, [www.yorku.ca/cshps1](http://www.yorku.ca/cshps1), or via our members-only email listserv.

For the website, please send items to [isaac.record@gmail.com](mailto:isaac.record@gmail.com).

For the listserv, please send items to [cshps@yorku.ca](mailto:cshps@yorku.ca) using the email you used to register for CSHPS. Please note that replies to listserv messages are directed to the original sender. To reply to the entire list, please send to [cshps@yorku.ca](mailto:cshps@yorku.ca).

To update or remove your email address, please email [isaac.record@gmail.com](mailto:isaac.record@gmail.com). To join CSHPS, please visit <http://www.yorku.ca/cshps1> and click "Join."

To report problems with the website, please click "contact webmaster" on any page or send email to [isaac.record@gmail.com](mailto:isaac.record@gmail.com).

*Isaac Record*

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*Keep an eye out for our next call for member updates and announcements for the Winter 2014 issue of *Communiqué*. Soyez prêts pour notre prochaine demande d'annonces et de mises-à-jours des membres pour le numéro de *Communiqué* de l'hiver 2014.*

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