



Well this is it! After 20 years this is my last Newsletter. A lot has happened to both me and the Society in the last 20 years. I took early retirement from Queen's six years ago, but I still help out with the MAC (master of art conservation) program. I have observed a huge turnover in membership in the Society. When I look through the mailing list these days I hardly recognize any names. It's time to go! However, you have not seen the last of me just yet. Diane has invited me to be a Regional Director of the Society representing Southern Ontario.

Marc Lamoureux will take over as Editor in January 2004 and he has my very best wishes.

SOCIETY NAME CHANGE

A large number of Society members are involved in Analytical Sciences. Our annual meeting (ICASS) is the International Conference on Analytical Sciences and Spectroscopy and the Society's journal is The Canadian Journal of Analytical Sciences and Spectroscopy. It makes sense to bring the name of the Society into line, so it was proposed at the last NEC meeting that the name of the Society be changed to:

The Canadian Society for Analytical Sciences and Spectroscopy (CSASS).

La Société Canadienne des Sciences Analytiques et de Spectroscopie (SCSAS).

The membership will be asked to vote on this proposal. Please see the ballot form included with this Newsletter.

EXECUTIVE CHANGES

Heidi Chen will step down as Treasurer and Membership chair early in 2004. These positions will be filled by **Mylaine Tardif**, who is currently Chair of the Ottawa Valley Section. A short bibliography of Mylaine is presented on Page 7.

Ricardo Aroca is the new Editor in Chief of the *Canadian Journal of Analytical Sciences and*

Spectroscopy. For contents of Volume **48**, No. 5, (2003), please see our web site: www.s-s-c.ca

Henry Stronks of Bruker Biospin Ltd., has taken over the Chair of the Awards Committee from **Jim McLaren**.

TWO LOCAL SECTIONS TO MERGE

Jeff Dupuis reported to the November 8 NEC meeting that the **Montreal** and **Quebec City** local sections will be merged into a new **Quebec Province** section. **Jeff Dupuis** will be chair and **Michel Pezolet** vice-chair of the new section.

SOCIETY CONFERENCES

49th ICASS (2003) The meeting, held at Carleton University, Ottawa, June. 1-4, 2003, was a huge success. **Nimal DeSilva**, Chairman of the conference reported to the NEC that when the final bills are paid, the meeting will generate over \$20,000 for the Society. This is a really great result and Nimal and his team are to be thanked for their efforts and congratulated on the success of the meeting.

50th ICASS (2004) **Marc Lamoureux** is the Chairman of the 50th ICASS to be held at St. Mary's University, Halifax, NS, August 15 to 19, 2004. (Details on page 2 and the NEC minutes).

The 51st ICASS (2005) **Denis Boudreau** will be the ICASS chairman. The meeting will be held in Quebec City in conjunction with the 2005 FACSS meeting.

52nd ICASS (2006) The conference chair is **Rob O'Brien** and the meeting will be held at Okanagan University College in Kelowna, BC.

STUDENT CHAPTER ACTIVITIES

Milithza Silva is the student representative this year. She is an M.Sc. student in chemistry at Queen's. She is working on continuous leaching analysis of soils using TOF-ICP-MS.

Details and an application form for the **2004 SSC Student Bursary** are enclosed as an insert to this Newsletter.

SOCIETY AWARDS

Nominations are invited for the 2004 **Gerhard Herzberg** and **Barringer Spectroscopy Awards**. The latter award is now sponsored by **Smiths Detection**, who recently purchased Barringer Laboratories. Please see page 8 for details.

Minutes of the November 8, 2003 National Executive Committee Meeting

Present: Ricardo Aroca (Editor-in-Chief, CJASS), Diane Beauchemin (President), Victor Benham (Director - Ottawa), Heidi Chen (Treasurer / Membership Chair), Milithza Silva (Student Representative), Joy Sen Gupta (Business Manager, CJASS), Gus Shurvell (Newsletter Editor), Teresa Switzer (Secretary), and Mylaine Tardif (Chair - Ottawa).

Teleconference participants: Rob O'Brien (Vice-President and Acting Chair - BC Interior), Richard Denis (National Programs), Ed. Paski (Director, Vancouver/Victoria Region).

Regrets: Denis Boudreau (Chair, 51st ICASS), Ewa Dabek (Member at Large), Nimal De Silva (Member at Large), Jeff Dupuis (Chair - Montreal), Doug Goltz (International Liaison), Alison Holliday (Website), Bob Howard (Chair - Edmonton / Alberta), Marc Lamoureux (Past President), Michel Pezolet (Chair - Quebec City), Mark Saffari (Chair - Vancouver / Victoria), Roy Smith (Chair - Southern Ontario), and Henry Stronks (Chair - Awards Committee).

Approval of Agenda and Minutes

The August 2003 meeting minutes were accepted (*Victor / Mylaine*) with a change to the MDS / Sciex bursaries from "two worth \$400 each and one at \$200" to "one worth \$400 and two at \$300". Corrections were made to the spelling of the names of Jocelyn Pare and Ricardo Aroca.

2. Business Arising

a) Letter to Industry Canada

A letter has been written to Industry Canada and signed by Diane to have our by-laws changed so that "No person shall hold the same office more than five consecutive years".

b) SSC student specials

Diane has emailed each student about the student special. A student will have their membership extended at the student price for one year beyond their graduation year, if they convince one other student to join the SSC. She also emailed them about the student bursaries.

3. Conferences

49th ICASS, Ottawa June 2003: Nimal submitted a report. Most invoices have been received, but the final budget has not yet been submitted. The net profit will be approximately 3 times the normal target of \$7000. Mylaine has the numbers of people who attended and can pass this on. Heidi still has not received the large bills from the conference, only the fees from the short course lectures. All profit from the conference goes to the SSC.

50th ICASS, Halifax August 2004: **Marc** submitted A flyer for review. Saint Mary's University will handle all financial aspects for the conference. An account will be opened to which all cheques will be deposited and from which all withdrawals will be made. This will allow the use of Visa and MasterCard. Saint Mary's will charge a fee for handling this (15% HST) which was already included in the pricing in the flyer. Several people have been added to the organizational committee. Marc asked for help in getting an exhibition organizer / chair. Diane suggested Scott McGeorge. The registration fees were approved by the NEC, with one change. There should be a greater difference between the member and non-member fees, since the membership fees increase to \$60 per year in January 2004. Rob felt that a fee of \$290 for non-members would be adequate to encourage non-members to join the Society. There has been an overwhelming response for the symposium that Diane is organizing for Jean Michelle Mermet, with approximately 30 speakers and people from all over the world planning to attend. Diane will forward Scott McGeorge's information to Marc, and she thanked him for all the work he has put in so far.

51st ICASS-FACSS, Quebec October 2005: Denis Boudreau, who will be the chair of both the ICASS and FACSS meetings, submitted a report. **Jean Francois Duproce** is helping to organize the logistics for the conference. There has been one change from previous ICASS/FACSS joint meetings, in that there will not be so many parallel sessions. FACSS has decided to decrease the number of parallel sessions from 16 to 8, therefore the number of ICASS parallel sessions will also decrease. Since there will be less parallel sessions there will be more posters, and the schedule will be worked out so that there are no conflicts (i.e.

with awards presentations). The conference will be held at the Congress Centre in Quebec City, which is close to both the Hilton and the Radisson Hotels.

52nd ICASS, Kelowna, B.C. 2006: Rob O'Brien pointed out that this would be ICASS Kelowna, not ICASS Kelowna/Vernon. Partnerships are being made with local industry (wineries, etc.). The focus of the meeting will be on bio-products and the analytical support for bio-products. Rob has started talking to partners about who wants to be involved, but there is no official committee at this time. August seems to be a good time of the year for the Kelowna meeting.

53rd ICASS Saskatoon?? Nimal has received an email from the Sinatron group in Saskatoon. This group is interested in hosting an ICASS meeting as soon as possible. The NEC agreed that this would be a good possibility for 2007, so Diane will get in touch with the group and answer any questions that they may have.

4. Committee Reports

Newsletter and Directory: Gus Shurvell has produced 3 issues of the Newsletter so far this year, and the next issue will be his last. He has been Editor for 20 years and Marc is going to take over in January. Gus pointed out that the last directory was published in 2001 and he feels that an updated Directory is needed. This job will be given to his successor.

Membership: Heidi reported that the current membership is 226 members, with 11 new members joining the Southern Ontario section since the last report. Heidi pointed out that this is the best time to join the Society, as you get a few months free. Joy noted that he has 5-6 people who have put in writing that they don't want the Journal, so he has taken them off the mailing list. Milithza thinks that there should be a line on the application form for people to indicate whether they want the Journal or not. Heidi can provide a list of all members to those who want it. From time to time Heidi has been asked for the membership list by various commercial organizations, but the list can only be used for non-commercial purposes.

Treasury: Heidi reported that there has been no significant change in the financial situation of the society. Since all invoices from ICASS 2003 have not been received, the money in our account is higher than usual. Usually there is not this much money kept in the chequing account. Approximately \$39,000 of the \$45,540 in the account is from ICASS 2003. Gus suggested that the next treasurer (Mylaine) should look into some other account that gives a better rate of interest than our present chequing account. Heidi said we want to be able to access our money when necessary. Mylaine agreed to look into this.

Journal: Joy Sen Gupta submitted a report. He (and Victor) has spent a lot of time looking into the feasibility of production of electronic issues of the journal. Proposals have been received from two companies (Magma and Ingenta). Joy prefers Magma since this company is Ottawa based, rather than Ingenta who are located in the USA. His first concern was that if we went to an electronic journal, the Society rather than the Journal fund should cover the start-up costs. His second concern was the \$2,000 to \$3,000 annual maintenance cost. There will be a transition period, where we will have both an electronic version and a hard copy version.

Ricardo also submitted a written report. People have asked him for pdf files of the journal in the past, and he feels there is a great need for us to go electronic. This would particularly increase the world audience, and would increase our readership. Rob pointed out that he too has been pushing for this for a long time. He talked about ChemWeb, which is a service that lists hundreds of journals and their tables of contents, and the pdf version of the article that you want may be requested. He will send the website link to members of the NEC. Ed supported the idea that the journal should be available on something like ChemWeb. He felt that we would get more readerships this way. Victor said that NRC was initially approached about ChemWeb, but they thought that Ingenta is an even better one to use because a lot of ChemWeb stuff is sent to them and Ingenta too. Ingenta has told Victor that they feel sure that going on-line will produce an increase in membership within two years, and we should be prepared to sustain this membership increase.

Henry Stronks (Bruker) and Jean Francois Dupuis (FiberTech Optical) have sent messages to Diane expressing their support for an on-line version of the Journal. Rob pointed out that there might be some universities that will allow us to host our journal on their website. He also pointed out that he believes there is still a need for print versions of the Journal. Ricardo offered to donate the honorarium that he gets, back to the SSC to get the electronic version going. Diane pointed out that a hard copy was still sometimes necessary – especially for special issues such as the one for Jean Michel Mermet.

Ricardo made the motion that we should go online and have an electronic version as soon as possible. Rob will join the journal committee (with Ricardo, Victor, Joy and Ed) to look into the electronic version possibilities. Diane asked if we should get all members to choose between electronic and print versions of the journal or electronic only. Rob feels we should do this after we have gone to the electronic version and people have a chance to see it.

Awards: Henry Stronks submitted a report, with a call for nominations. This will be included in the Newsletter and the Journal. The deadline for nominations is January 31, 2004. The name of the Barringer award may change, but the company still hasn't got back to Diane about what the name should be, so for now it will remain the same. Heidi said that Smith Detection sent \$700 instead of \$500 for last year's award. Diane will follow up on this.

Web Page: Diane reported that Alison Holliday would like anyone who has any current pictures (ICASS etc.) to send them to her for the website. Gus mentioned that it is hard to find the Newsletter on the web page, and he has asked Allison to put a link to it from the SSC home page.

Student activity report: Milithza Silva reported that she received five responses to her survey of what students wanted to get out of the SSC. These responses included lectures / seminars and more activities. They think the journal is OK, and that a change of the Society name will be a good move.

5. Local Section Reports

Quebec / Montreal: These two sections are merging and being called the **Province of Quebec Section**. Jeff Dupuis has agreed to chair the section.

Southern Ontario: A one-day symposium is being planned for April 2004. All those involved with organizing this section have met and there are lots of ideas for the year, but no firm commitments as of yet. Hilton Greenburg has resigned as Director for the section. A replacement is required.

6. New Business

SSC Name Change: It was felt that "Analytical Sciences" should be included in the name of the Society in line with the names of the Journal and the annual (ICASS) conference. Diane reported that she has had no negative comments about the name change, all have been positive. A motion was made to change the Society name to "**The Canadian Society for Analytical Sciences and Spectroscopy (CSASS); La Société Canadienne des Sciences Analytiques et de Spectroscopie (SCSAS)**". It was decided that the membership should vote on either having this new name, or having no name change. Gus will include a ballot in the next Newsletter, and all votes will be sent to Teresa via email or regular mail.

Directors: Diane was wondering what the role of Directors was, as the bylaws don't say a lot about this. Ed feels that Directors are there to promote the Society, and Victor noted that they take on special projects assigned by the NEC and the President of the Society from time to time. Diane will approach people to try to fill the empty position for the Southern Ontario section.

Gus Shurvell: Diane made a motion to thank Gus for his 20+ years of wonderful service to the Society. Joy said that as a Past President and as Editor of the Newsletter, Gus has done an excellent job for so many years. Many compliments were given to Gus for his dedicated service to the Society.

Call for Nominations

2004 Gerhard Herzberg and Barringer Spectroscopy Awards

Nominations are invited for the Gerhard Herzberg Award and the Barringer Spectroscopy Award for 2004.

The **Gerhard Herzberg Award** is given to a Canadian spectroscopist for outstanding achievement in the science of spectroscopy. It is typically given to an established scientist in recognition of an outstanding career in which spectroscopy, of either a fundamental or applied nature, has played a dominant part.

The **Barringer Spectroscopy Award**, funded by Barringer Laboratories Ltd., is given to a Canadian spectroscopist for distinguished achievement and demonstrated potential in the application of spectroscopy and/or development of spectroscopic instrumentation. It is typically given to a scientist who, relatively early in his/her career, has made a significant contribution and has clearly demonstrated outstanding potential.

Nomination Process

Complete nomination documentation must be received by **Jan. 31, 2004**. The documentation should include the following.

1. A letter of nomination which includes a concise statement of the candidate's achievements
2. A comprehensive curriculum vitae
3. Supporting letters from at least three qualified persons. Letters from previous SSC Award winners are particularly helpful to the Committee.

All correspondence should be addressed to:

Dr. Henry J. Stronks
Chair, SSC Awards Committee,
Bruker BioSpin Ltd.,
555 Steeles Ave. East,
Milton, Ontario L9T 1Y6

Tel: 905 876 4641
e-mail: henry.stronks@bruker.ca

Fax: 905 876 4421



The Spectroscopy Society of Canada Announces

ICASS 2004 (50th ICASS)
August 15-19, 2004

The 50th International Conference on Analytical Sciences and Spectroscopy will be held at



Saint Mary's
University
Halifax Nova Scotia Canada

923 Robie St., Halifax, Nova Scotia B3H 3C3

Preliminary Announcement and Call for Papers

Oral and Poster Presentations are invited on all aspects of Analytical Chemistry and Spectroscopy

The Social and Technical Program

Will include:

Symposia
Exhibition
Leading Experts in all fields
Workshops
The Gerhard Herzberg and Barringer Awards
The SSC Best Student Poster Award
The Conference Banquet (lobster)
A Social Program for Accompanying Persons

REGISTRATION FEES (Prices include 15% HST)

Full Registration:

\$220 (SSC Member) - (\$260 after July 1)

\$280 (non-member) - (\$320 after July 1)

Student Registration:

\$ 45 (SSC Member) \$ 65 (non-member)

One Day Registration:

\$ 100 (SSC Member) \$ 130 (non-member)

\$ 25 (student - SSC Member)

\$ 45 (student - non-member)

Banquet: \$ 50 (lobster!)

CONTACT: Marc Lamoureux, Department of Chemistry, Saint Mary's University, Halifax,
NS B3H 3C3 Email: marc.lamoureux@stmarys.ca Phone: 902-420-5652; Fax: 902-496-8104

Symposia will be arranged on the following topics:

Biomedical Spectroscopy/Imaging
Metal Speciation
Atomic Spectroscopy (AAS, ICPs)
Environmental Analysis
Mass Spectrometry
NMR/MR Imaging
Capillary Electrophoresis
Separation Science (GC, HPLC, CE)
Ultratrace Analysis
Vibrational Spectroscopy (IR & Raman)
X-Ray Fluorescence

ACCOMODATION

The following hotels are located within easy walking distance:

The Westin Nova Scotian, 1181 Hollis, Halifax

Holiday Inn Select, 1980 Robie, Halifax

Accommodation will also be available at

Loyola and Rice Student Residence

Saint Mary's University, Halifax

Halifax is a great vacation destination, so bring the family and enjoy Atlantic Canada.



Mylaine Tardif - Treasurer and Membership Chair.

Mylaine is currently working as a laboratory supervisor for the Environmental Technology Centre (ETC) of Environment Canada (EC), where she started in November 1984. She is actively involved in the method development of analytical applications of GC-MS for the determination of volatiles and semi-volatile compounds in environmental samples. Typical applications include monitoring persistent organic pollutants, developing methods for CEPA toxics and priority substances, vehicle emissions and stack emissions. Some of the key projects include developing LOQs for compounds targeted for virtual elimination and developing regulatory methods. She is a member of the Spectroscopy Society of Canada (SSC), the Canadian Association of Environmental Analytical Laboratories (CAEAL), the American Society of Mass Spectrometry (ASMS) and the Canadian General Standards Board Committee (CGSB). Mylaine is actively involved in QA/QC serving as lead and technical assessor for CAEAL and managing the quality system for the Analysis and Air Quality Division of ETC. Mylaine graduated with a B.Sc. in Biochemistry from the University of Ottawa in 1983.



H.F. (Gus) Shurvell, Newsletter Editor (Retired)

My memory is going, so I can't remember when I joined the Society. Denis Cook was President at the time and he asked me to be the SSC representative on the Youth Science Foundation of Canada. I think it was in the late 1960's that I joined as a result of being given an award for Best Paper in *Canadian Spectroscopy*. I have held various positions in the Society over the years, including Director (1972 and 1975) President (1979) and Vice-President (1989). George Neville and I organized The First Rideau Symposium on Vibrational Spectroscopy in 1989 to take the place of the 36th Canadian Spectroscopy Conference, which was postponed that year. I was Chair of the 44th ICASS in 1998.

I studied Chemistry at Exeter University in England (1956-59) and in 1958, I was fortunate to get a summer job working on installation of gas pipelines in Southern Ontario. I returned to Canada in 1959, after graduating from Exeter and worked for a year in Toronto, where I met my wife Irene. We moved to Vancouver in September 1960 for my graduate studies in infrared spectroscopy at the University of British Columbia. This was followed in 1964-65 by a post-doctoral year in Marseille, France.

I have been teaching chemistry and spectroscopy at Queen's University since 1965. At present I am an Emeritus Professor of Chemistry and an Adjunct Professor in the Master of Art Conservation program at Queen's.