



35TH ANNUAL C3 CONFERENCE

Hosted by NAIT, Edmonton, AB



Register Early!!

Registration is now open! We are encouraging those who wish to attend to register early. The website for the conference is now up and running. To get to the registration page just click here: [Registration](#)

If you are unable to register at this time, (early registration ends April 18th) but are still intending to come we are asking that you please contact Cindy Rothwell at cindyr@nait.ca so that we are able to plan accordingly. We wish to make your trip to Edmonton as enjoyable as possible. Continue reading for updates on events, speakers, and our banquet.

Call for Abstracts!!

Fueling the Future!

The program committee has been hard at work to plan what we hope will be an exciting technical program for the upcoming C3 conference, but we still need your participation to help make this year's program a success. Abstracts are currently being sought for the following sessions:

Green Chemistry- "Roots and Offshoots":

⇒ application of the principles of green chemistry to chemical synthesis, the integration of the principles of green chemistry into the curriculum, "greening" laboratory experiments

Innovations in Teaching – "Creative Chemical Communication"

⇒ Creative approaches to curriculum, creative use of resources and technology. Other creative suggestions welcomed.

Showcase of Demos – "Lights, Camera, Action"

⇒ Do you have a really popular demo? A new twist on an old favorite? Dazzle your colleagues!

The deadline for abstract submission is Friday, April 4.

Featured Speakers–
Bios on Page 4:

- Dr. Chao-Jun Li
- Dr. Geoff Rayner-Canham

**C3 Banquet Dinner
Details on Page 3!**

Annual General Meeting 2008

The meeting will be held immediately following the last speaker on Friday 23rd in the Shaw Theatre.

Accommodations for Conference

[Chateau Louis Hotel](#)

Ph: 780-453-6521

Booking Reference:
#124863

Welcome Reception

What's a conference without a welcome reception? When you come to NAIT to get your registration package on Thursday evening, spend some time with your colleagues and hosts at the wine and cheese function from 6-9pm. What's a get-together without a little wine, a little cheese, and for those of you who want more local fare – beer and pizza. The registration reception will be in the same area where some of the C3 exhibitors will have their displays.

Saturday Night Entertainment/Sunday Morning Attraction

Saturday night we are offering a couple of options for your entertainment. The first option is for you to take in a dinner theatre, [The Full Monty](#), featured at the Mayfield Inn. The ticket prices are available on the website and you will be responsible for booking them on your own. We will provide you with a ride there and a ride home at the end of the evening.

If the theatre isn't for you, we

are also offering rides to the [West Edmonton Mall](#). There are plenty of places to dine, shop, and be entertained in the mall. We would also pick you up at the end of the evening and bring you back to the hotel.

Sunday morning we would like to take you to the [Telus World of Science](#). The displays will be open at 10am Sunday morning and the IMAX theatre will be starting

their shows shortly afterward. There is a cafeteria in the building to have lunch or you may return to the hotel to eat. Admission prices for the exhibits and IMAX are all posted on their website.

These outings are completely optional for you. Please let Arlana know if you are interested in partaking in these activities, or if you have any questions, by contacting her at arlanam@nait.ca

Fun Run

It is time again to dig out those running shoes and start getting ready for our annual Fun Run. The run will begin at 7am, Saturday May 24th. We will be running along the river valley this year enjoying some of Edmonton's beauty. For those who don't enjoy running there will be a shorter, but equally as beautiful, walking route. We are looking forward to passing on the lovely trophy to this year's winner!



Innovations in Energy – “Illuminating the Alternatives” Panel Discussion

Energy alternatives have become a dominant topic in virtually all sectors of society. Will nuclear, fuel cell, biofuel and recovery of conventional oil and gas reserves using carbon sequestration be able to meet future energy needs and reduce greenhouse gas concerns?

We encourage all delegates to be prepared to raise questions that are of interest or concern to you in order to facilitate a lively and informative discussion with our local area experts who include: Frank Saunders (Bruce Power), Dr. Bryan Fuhr (Alberta Research Council), Dr. Steven Bergen (Alberta Research Council) and Dr. Bill Gunter (Alberta Research Council).

For more detailed information on the technical program, profiles of the invited speakers, titles and abstracts for their talks, or for the abstract submission form, please visit the program pages on the conference website.

<http://www.c3.douglas.bc.ca/2008/program/>

We are looking forward to seeing you at the conference in May!

C3 Banquet Dinner

Friday, May 23, 2008 at 6:30pm you will be in for a treat. The annual C3 Banquet will be held at the stunning Chateau Louis Hotel. As you arrive you will enter the stunning ballroom surrounded by windows that face out into the courtyard. You will be greeted with live entertainment while you mingle with the other C3 attendees.

House wines will be on the table for your enjoyment to accompany a buffet menu to remember. Such dishes as: Alberta Prime Rib, Lemon Chicken Breast, Baked Salmon, Spinach Lasagna, Baby Red Potatoes, Seasonal Vegetables, Caesar, Spinach and Greek Salads, Seasonal Fruit, Cheeses, Cold Meats



Chateau Louis Hotel Banquet Hall Gallery

and Baby Shrimp. If your mouth isn't watering yet, there is a desert buffet to finish it all off. Coffee and tea will be available all evening.

After the dinner service is completed our program will begin. This will include live entertainment, awards presentation and the handing down of the prized

Fun Run trophy. The evening will end with plenty of mingling and a small late lunch. For those of you who are staying at the Chateau Louis Hotel the walk home is just a skip across the parking lot.

We are looking forward to seeing you there. Tickets for the banquet are \$55/each. For more information please see our [Banquet](#) page on our website.



Chateau Louis Hotel Courtyard outside the banquet hall.

Chemical Educators in Edmonton

by Lawton Shaw

This year's C3 conference was scheduled so that it precedes the national CSC meeting. This provides some great opportunities for delegates to participate in symposia at both conferences. The program committees for C3 and the CSC Chemical Education Division have been working together to organize and schedule two stand-alone conference programs that dovetail together and make it easy for C3 members to stay for some or all of the CSC symposia, and for CSC members to come early and participate in our C3 program.

Our C3 conference has a strong program this year. Three of the five sessions cover topics (green chemistry, nanotechnology, and energy) of growing interest in chemistry that will certainly impact what we teach in coming years. One session will be a showcase of chemistry demonstrations, which should prove to be informative and entertaining. And, of course, there is a full session on Innovations in Teaching.

The conference opens with the Green Chemistry session. The keynote speaker is Chao-Jun Li, (bio found on page 4) Canada Research Chair in Green Chemistry at McGill University. His lecture is titled "Our Fu-

ture Challenges in Chemical Production". He will talk about how green chemistry "has emerged to develop the next generation of chemical science and technologies, as well as chemical products", thus meeting environmental and economic challenges. Dr. Li will be followed by invited speakers Suresh Narine (University of Alberta) and Inderpahl Singh (Aims Fine Chemicals) who will talk about different applications of green chemistry.

Dr. John Veinot (University of Alberta) will deliver a lecture on nanotechnology and, in particular, the nanotechnology of Silicon.

Following the panel discussion on Saturday, long-time C3 member Dr. Geoff Rayner-Canham (bio found on page 4) will present the opening lecture in the session on Innovations in Teaching. Dr. Rayner-Canham has been honored with this year's CIC Award for Chemical Education. His lecture is titled "You Mean Chemistry is Interesting? Enticing Students Outside of the 'Usual Suspects'".

Keynote Speakers

Dr. Chao-Jun Li

McGill University
Canada Research Chair (Tier I) in
Green/Organic Chemistry

Biographical Sketch

Chao-Jun Li is currently a Professor of Chemistry at McGill University and Canada Research Chair (Tier I) in Green Chemistry. He has been the recipient of numerous awards, including the US EPA Presidential Green Chemistry Challenge Award. Currently he serves as the Co-Chair for

the Canadian Green Chemistry and Engineering Network and the Associate Editor for Americas for the journal of *Green Chemistry*. Dr. Li has published over 200 original research papers and reviews. His current research efforts are to develop Green Chemistry for organic synthesis based upon innovative and fundamentally new organic reactions that will defy conventional reactivities and possess high "atom-efficiency" to simplify chemical syntheses.



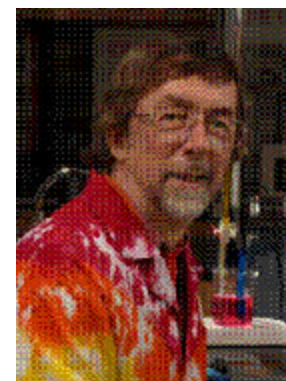
Dr. Geoff Rayner-Canham

Environmental Science (Chemistry)
Sir Wilfred Grenfell College, Memorial
University of Newfoundland

Biographical Sketch

Geoffrey Rayner-Canham, a long time C3 member, is a chemistry professor at Sir Wilfred Grenfell College in Corner Brook Newfoundland. Amongst the many honours that he has received are the APICS Science Communication Award, a 3M Fellowship, and this

year's CIC Award for Chemical Education. Dr. Rayner-Canham has authored more than 50 articles based on his studies in chemical education and is the author of the text *Descriptive Inorganic Chemistry*. He has also been very active in outreach work, presenting his chemistry show to schools both locally and in communities throughout Labrador, the north shore of Quebec and the south shore of Newfoundland.



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