



Association of the
Chemical Profession
of Alberta

Information Bulletin 09-08

In order to keep e-mail correspondence to a minimum, an information bulletin will be e-mailed to each member.

If you do not wish to be included on this circular, please notify the ACPA office at acpaoffice@pchem.ca.

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All contributions are welcome from the members for consideration in the monthly bulletin. Please have submissions into the ACPA Office prior to the 15th of each month.

Note From The Office

Please help us in keeping our records up to date. If you have any changes to your contact information please let the ACPA office know. You can send any updates to acpaoffice@pchem.ca

Short Course in Industrial Oilfield Chemistry – Calgary October 1st 2008

Wednesday, October 1, 2008

8:00 am to 4:30 pm

Blackfoot Inn (5940 Blackfoot Trail SE)

Calgary, Alberta

Due to popular demand, the Industrial Oilfield Chemistry course that was offered in Edmonton in May in conjunction with the CSC Conference is being repeated in Calgary on October 1, 2008. Lunch, coffee and muffins are included in the registration cost.

A limited number of students may be accommodated at a reduced rate the week before the course, space permitting. If you are interested in putting your name on a waiting list for this opportunity, please contact Leslie May at CalgaryLocalSectionCSC@gmail.com. Preference will be given to students that are members of ACPA or CIC.

Topics:

Water chemistry and scaling – Maurice Shevalier, University of Calgary

[Abstract and Speaker Biography](#)

Corrosion and corrosion inhibitors – Graham Derby, Champion Technologies

[Abstract and Speaker Biography](#)

Polymer-improved oil recovery – Fred Wassmuth, Alberta Research Council

[Abstract and Speaker Biography](#)

Chemistry of demulsification – Sanyi Wang, Baker Petrolite

[Abstract and Speaker Biography](#)

For more information and registration, visit the ACPA web site at www.pchem.ca

Early Registration Deadline - September 5, 2008

Review – Industrial Oilfield Chemistry Short Course

Submitted by Michael Gaultois

After much criticism about a lack of industrial programming at Canadian Society of Chemistry (CSC) conferences, the 2008 CSC featured an industrial symposium that was very well attended, along with an industrial short course organized by the ACPA and CIC Edmonton local section. After months of planning, the Industrial Oilfield Chemistry short course was very well received; attendance was limited only by the size of the room, which was filled to capacity by 49 registrants.

Maurice Shevalier began the morning by delivering an extensive presentation on water chemistry and its importance. Topics ranged from collecting and analyzing water data to scale formation, identification, prevention, and practical mitigation strategies.

Graham Derby gave a very visual presentation on predicting and monitoring unnatural corrosion that eventually leads to catastrophic failures in oil and natural gas lines.

In the afternoon, Fred Wassmuth gave an entertaining presentation with some laughs from difficulties in testing and simulating polymer floods. Sanyi Wang gave a very thorough presentation on the physics and chemistry of demulsifiers, which also included lighter moments on the troubles of formulating a successful demulsifier.

Despite different presentation styles and content, one theme was present in every talk: there are a lot of things going on in oilfield processing, and neglecting the chemistry involved ends in a lot of trouble and a lot of expenses.

Course participants left the day-long symposium with a good understanding of several special topics in oilfield chemistry, as well as a notebook containing the presentations.

The course was very well received in general; one participant had this to say. "When I started, Chemistry was basically ignored...[It] has been neglected for a long time; it's important to recognize its importance in the industry." Another mentioned the course was "timely and needs to be expanded."

In light of the very positive feedback that was collected at the end of the day and the excellent attendance, another course with the same material will be offered in Calgary in the fall.

Steps for Becoming a P.Chem.

Lately the Association has been facing a number of questions from members and applicants as to the proper procedures and the requirements for becoming a Professional Chemist. These procedures depend on your current status.

New Applicant for P.Chem.

A new applicant for P.Chem. status must submit the following items to our office for review by the Registration Committee.

- Completed application form indicating that the applicant is applying for full membership "P.Chem." status.
- The \$25 non-refundable application fee. At this time do not send in any money for annual dues. If you are accepted as a member you will then be billed for your dues.
- A current resume clearly demonstrating that you have the minimum required chemistry-related work experience. You must have a minimum of two years of chemistry-related work experience, of which one year must be in North America, in order to be eligible for full membership. If you have less than this amount of work experience, but still meet the other requirements, you may be eligible for Chemist in Training (CIT) membership.
- A copy of your degree. The copy may be a photocopy, however the original must be viewed by your guarantor, and then the guarantor must sign the copy certifying that it is a true copy of the original document. As stated on the application form, the guarantor must be a registered professional or a member of the clergy. Registered professionals include, but are not limited to, Professional Chemists, Professional Engineers, Professional Biologists, Professional Geologists, Professional Agrologists, Chartered Accountants, and the like.
- Academic transcripts for your degree. If the degree itself specifically indicates that it is a degree in chemistry, and is from a major Canadian or American university the requirements for transcripts may be waived. However, if the degree does not specifically state that it is in chemistry, or if it is from a smaller institution or a foreign institution, transcripts will almost always be required. If you are in doubt, it is best to send the transcripts to minimize delay in the review of your application.
- Any other supporting documentation you think may support your application. In almost all cases the above documentation is generally sufficient, however there may be exceptions. We do not generally need letters of reference from previous employers unless they are specifically requested by the Committee.

CIT Becoming a P.Chem.

Once a CIT has obtained sufficient work experience to transfer to a full membership P.Chem. the applicant should submit the following documentation to our office for review by the Registration Committee.

- A letter indicating that the applicant has now met the work experience requirement for P.Chem. membership and requesting that their membership be upgraded to full.
- A current resume reflecting the updated work experience.

Student Member Becoming a CIT

Once a student member graduates with their degree they must apply for upgraded membership. In most cases the graduate will not have the required work experience to be immediately eligible for full membership, but should be eligible for CIT membership. The student member must apply as per the requirements listed in the above "New Applicant for P.Chem." section, with the exception that they do not have to submit the \$25 application fee since they are already setup in our system.

For all categories, the application documents are reviewed by the Association's Registration Committee that meets approximately every 6 weeks to review all received applications. This committee is currently chaired by Dr. Frank Bachelor. The applicants are generally contacted by email within a week following the meetings to inform them of the status of their application. If the applicant is successful the email will indicate their membership category. Please note that **only full "Professional Chemist" members are entitled to use the "P.Chem." designation.** Full members will all receive a wall certificate and a stamp indicating their membership status, although this may take up to 3 months after being accepted as a full member. People using the "P.Chem." designation when they are not entitled to are potentially subject to legal prosecution. If you are in doubt as to whether you are eligible to use the designation please contact our office.

First annual 2008 Oil Sands/Heavy Oil Materials & Integrity Workshop

Date: October 21 and 22

Location: Alberta Research Council in Edmonton

The workshop parallels the format of the Banff Pipeline Workshop with an emphasis on discussions facilitated by industry co-chairs. This two-day workshop brings industry together to discuss common issues in the oil sands and heavy oil industry and to work towards solutions and management strategies.

The workshop will address challenges and opportunities related to:

- Management of integrity, materials, corrosion, safety, and risk
- State-of-the-art technologies and past experiences related to equipment design, construction, operation, testing, inspection, maintenance, and process performance
- Information sharing and networking

The workshop is expected to lead to:

- Development of working groups to address challenges
- Enhancement of the industry integrity management process
- Advancement of the standards used in the industry
- Identification of new industry and research initiatives

For information and registration, please visit www.arc.ab.ca/oilsandsworkshop

Courses of Interest

Privacy Legislation

Alberta Employment, Immigration and Industry is running several free courses on “Understanding Privacy Legislation. <http://infosharing.gov.ab.ca/home/index.cfm>

Risk Assessment and Management for Continuous Improvement

Ottawa - Oct. 21-22

Presented in cooperation with the Canadian Society for Chemical Engineering

Course and registration details at www.cheminst.ca/profdev

Laboratory Safety

Ottawa - Oct. 21-22

Presented in cooperation with the Canadian Society for Chemical Technology

Course and registration details at www.cheminst.ca/profdev

Job Posting

Attention Employers and HR Professionals!

Job advertisements are posted on the Website for a one-month period and also emailed to the membership. There is a \$100 fee for this service (very reasonable for this highly-targeted audience of professionals). This fee is waived for job advertisements submitted by Professional Chemist (members in good standing) on behalf of their companies. Ads may be emailed directly to the [ACPA Office](#).

Current Job Postings listed at www.pchem.ca.

The content of this bulletin is provided only as an information service to members. Inclusion of any information does not represent official positions, opinions or support of the Association of the Chemical Profession of Alberta (ACPA), members of the executive, board of directors or staff. The information is collected from a variety of sources, including members, and circulated to the membership as information only. ACPA does not guarantee all submissions will be circulated and is not responsible for the accuracy of any information provided.