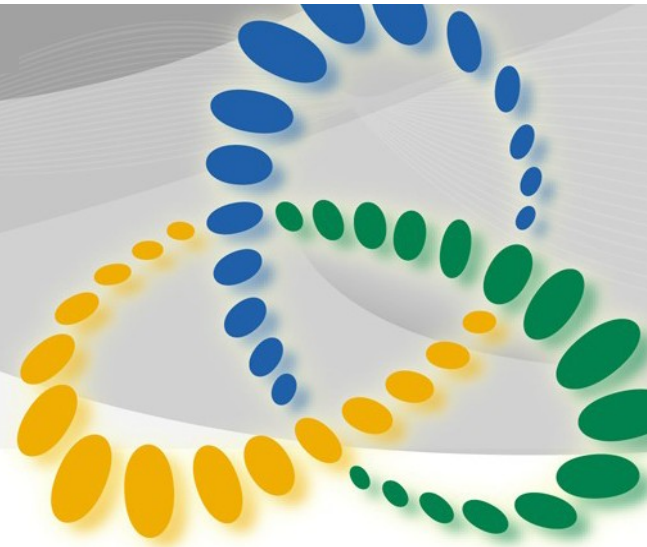


NACE

CALGARY SECTION

NEWS

News about corrosion and the corrosion industry produced quarterly for members of NACE International in the Calgary area.



SAIT Students receive NACE bursaries

Laura Cardenas and Behzad Mirfakhraei represented NACE Calgary at the annual SAIT Student Awards Luncheon on March 31 to present bursaries to two students – Kyle Wong and Joel Pacas, both Mechanical Engineering Students.

The predominant theme of the luncheon was this year's SAIT Centennial. All the donors and awards recipients had a chance to meet and network, and to enjoy *SAIT Talks*, similar to *TED Talks*, where three SAIT Alumni each shared a story related to their education.



Left to right: Laura Cardenas, NACE Calgary Career Chair; Kyle Wong, Mechanical Engineering; Joel Pacas, Mechanical Engineering; and Behzad Mirfakhraei, NACE Calgary Membership Chair.

Upcoming Events

Satellite Symposium

Operating and maintaining aging facilities and pipelines in the current economic environment.

Wednesday May 11, 2016 at Rocky Mountain House.

Registration available soon.

NACE Annual Dinner

Friday June 17, 2016, at Winsport.

Registration available soon.

NACE Annual Golf Tourney

Friday August 19, 2016, at Elbow Springs Golf and Country Club.

Registration available in June.

Member Survey

Every two years, the NACE Executive Committee does a member survey in order to get feedback and suggestions as they work to meet member expectations for courses, events and other services.

You will receive a link to this year's survey in late May. Please take a few minutes to respond. The first 100 responses will be part of a draw for a \$100 Keg Card.



Message From the Chair

Over the Past three months, NACE Calgary has hosted several successful events and courses. We are energised by your continued support for these events as attendance was around 100 for both the technical lunches. The availability of courses continues to be the main

focus for us and as a result of constant communication we have had five courses scheduled in Calgary in the first four months of 2016 and have planned more before the end of the year including Basic Corrosion, and Internal Corrosion - Basic in the Fall.

NACE Vancouver conference was well attended and excellent even in these tough economic times. During the conference, our very own Sandy Williamson, was appointed as the NACE President. Sandy has been a member of NACE International for 35 years and has contributed significantly to NACE Northern area which includes all of Canada and Alaska. On behalf of NACE Calgary, I wish him best of luck in this new position.

Looking ahead, our Program Committee is hosting a one day technical lunch on May 11, 2016, at Rocky Mountain House and several teachers have signed up for the ASM teachers camp in June at University of Calgary. Also, please mark your calendar for the annual dinner which is scheduled on June 17, 2016. We are looking forward to recognising 25 and 35 year NACE members, executive members, and sponsors before the summer break.

Last but not least, NACE Calgary sponsored an award at the Calgary Youth Science Fair on April 15, 2016. Congratulations to Adrian Keung from Sir Winston Churchill High School on receiving this award. The NACE Calgary Student Section is very active and continue to nurture young minds in the field of corrosion by offering technical talks and industrial visits. If you have any comments or suggestions about NACE Calgary, please email me at chair@nacecalgary.ca.

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Recent Calgary Technical Lunches

Coating Quality and Requirements Technical Lunch

Friday January 29, 2016

Presenters were Kevin Redke and Neil Hay.

Kevin Redke talked about *The Value of Inspection in Today's Market*. He brought to his presentation over 37 years of experience in the application and inspection of coatings. Kevin has worked with Pro Inspection Ltd. for 20 years. He is an active member of the Canadian Energy Pipeline Association Foundation (CEPA), and he has been actively involved in the review and development of coating specifications with several end users in the energy industry.

Neil Hay provided an *Overview of CSA Z245.30, Field-applied external coatings for steel pipeline systems*. Neil has over 20 years in pipeline integrity engineering. Prior to his work with Shell Canada, Neil spent 8 years with Petro Canada as a pipeline integrity engineer. He has been actively involved in the development of CSA Z245.30 Field-applied External Coatings for Steel Pipeline Systems.

Over 100 members, students, and interested non-members attended this session.

Pipeline Integrity by Direct Assessment Technical Lunch

Thursday, April 7, 2016

Presenters were Pat Teevens, Bala Ganapathy and Shamus McDonnell

This technical lunch focused on various direct assessment methodologies for internal and external corrosion for pipelines.

Pat Teevens from Broadsword Corrosion Engineering Ltd described *The Essential Role of ICDA and Its Impact on Corrosion Economics of Pipelines in a Depressed Oil Pricing Climate*.

Bala Ganapathy from Plains Midstream Canada and **Shamus McDonnell** from Pure HM talked about *The Evolution of Indirect Inspection for Direct Assessment (DA)*.



This too was a popular session with nearly 100 attendees.

Corrosion 2016 was a BIG Event!

Around 5000 people attended Corrosion 2016 in Vancouver in March. It was an excellent Conference with a lot to learn and plenty of networking. Highlights included the recent completion of the NACE IMPACT study, a two-year project to examine how corrosion management strategy can be incorporated into business management in order to optimize cost savings and also improve safety and reduce impact to the environment. Visit

www.impact.nace.org for more about this. The keynote speaker was Steve Kroft from 60 Minutes who provided his thoughts on the significance of corrosion and this study.

NACE Calgary joined the other NACE Northern Area sections in sponsoring a Northern Lights and Bites social on Saturday night.

The tradeshow was a big deal, with lots of interesting booths.



NACE Calgary Student Section News

The Student Section held a technical dinner meeting on Feb 4th 2016. The topic was *Corrosion Inhibitor Development Strategies for High Temperature Applications*, presented by Pierre Blais, Corrosion Control Group Manager at Baker Hughes upstream chemicals. It was an excellent opportunity for students to listen to Pierre, an accomplished expert in the corrosion field, and also to network with him over a provided pizza dinner.



Another free technical talk is scheduled for **April 27: Failure Analysis Case of Titanium Tube in a Sodium Hypochlorite Generator System**. Presenter: Ruth Barraez Derid, Material/Corrosion Engineer at Ammonite Corrosion Engineering. Pizza and Networking included. To register, contact ffrouza@ucalgary.ca

A tour at NALCO Champion has been scheduled for May 2 from 9:30 am to 1 pm. The event includes a tour of their state of the art laboratory and production plant where they produce some of the leading corrosion inhibitors available, as well as a pizza lunch and transportation from the University of Calgary to NALCO Champion's facilities. Don't miss out on this great opportunity. For more information and to register, contact cdfrance@ucalgary.ca.

Teacher Camp Scheduled for June

Since 2005, the NACE Foundation has partnered with the ASM Materials Education Foundation to fund and organize Teacher Materials Camps, week-long educational summer camps for science, technology, engineering, and math teachers. These camps are held in more than 40 cities across the United States and Canada each summer providing STEM educators with the tools to excite their students and further their professional development.

The idea-generating workshop provides classroom instruction and hands-on lab experiences that show educators how to use applied engineering techniques in their classroom, making math and core science principles more enticing and relevant to their middle and high school students.

This year's ASM/NACE Calgary Teacher Materials Camp will be held at the University of Calgary from June 20-24. Thirteen teachers from Calgary and Edmonton have registered so far.

The camp will include tours of the SAIT facility as well as Alberta Sulfur Research (ASR). We will also have a few guest speakers lined up for some of the lunches.

We are still seeking sponsors for the camp. If you would like to contribute, please contact Angela Kulynych, Teacher Camp Chair, at teachercamp@nacecalgary.ca.



Last year, twenty teachers participated in a fun and busy week. They learned a great deal and were very enthusiastic about all the materials and experiments they could take back to their classrooms.

Did you know...?

nace.org has a lot of resources for member career development. Here are a few tips around developing a great resume...

Get organized. Keep a folder, hard copy, or electronic copy with all of your past job information. If possible, maintain those job descriptions, make a list of previous employers and job titles, dates of employment, and achievements. Then, copy your college transcripts so you have the official name of your school, degree, and any major or minor.

Decide if you are going to use a chronological format or a functional format.

A chronological resume is the most common and allows you to list your employment from most recent to oldest, showing the specific order of your past positions. This is perfect when you don't have any periods without work, have remained in the same employment sector, and don't have a lot of job changes. A functional resume shows your achievements and abilities with little emphasis on the dates. Functional resumes are appropriate when you have changed jobs often, don't have a great deal of experience, or if you are seeking a career move to an entirely different field.

Lose the objective. If you haven't worked on your resume for many years, you may still have an objective on the top of your resume. Let's face it—if you are sending a resume for a potential job opportunity, your objective is simply to get an interview and then get a new job. Because the objective is self-explanatory, it is important to use this space for a career summary and something more meaningful than a useless statement. Construct a three to five line high-overview of your career experiences, skill-set, and core competencies.

Be concise. Because employers may be receiving hundreds of resumes for one potential position, you need to catch their attention immediately. There is no effective way to list everything you have done. Choose what is most important, use phrases instead of full sentences, and implement bullet points to emphasize achievements. When you feel like you may be repeating yourself, use the thesaurus and think of new ways to phrase tasks and responsibilities.

Be consistent. Use single spacing throughout each job description and double space between jobs and headings. Choose a simple font that is easy to read and use the same font throughout the document. The same is true for bullet points. If you use round bullet points in the core competencies section, then use round bullet points in all of the sections.

When you are working on this document, don't be afraid to tell others of your success and accomplishments. Take the time to work on your resume and have a trusted friend read it and provide input—sometimes it takes a second set of eyes to identify areas for improvement. Finally, be sure that you follow the directions for the application process and research potential employers to ensure you are tailoring the information to their needs. Remember that your resume is your chance to be 'you' – make your information shine!

[Click here](#) to learn more...

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NACE News is produced four times a year by the Executive Committee of NACE Calgary Section.

[Click here](#) to provide feedback, and/or to submit an article or a story.