

WHAT'S NEW – March 2007

VOLUME 18 ISSUE 1

FOR THE MEMBERS

TO THE MEMBERS

BY THE MEMBERS

Our 2007 Executives

President	Cuong Vuong, P.Eng.
VP - Membership	Eddie Young, P.Eng.
VP - Communication	Patrick TSO, P.Eng.
Treasurer	Chris Chan, P.Eng.
Secretary	Patrick Wong, E.I.T.
Director of Technology	Michael Kan, P.Eng.
Director of Recreation	Annie Duong, E.I.T.
Webmaster	Elaine Lau, E.I.T. Bryan Wai, E.I.T.

Upcoming Events

April 16, 2007

“Challenges of the Great Bear River Bridge”

Presented by: **Mr. Mekdam Nima, Ph.D., P.Eng.**
 Manager, Bridge Department
 Earth Tech (Canada) Inc.

May 12, 2007 – Special Event

14th Annual Anniversary Banquet

“Oilsands Environmental Management: Innovative Solutions”

Presented by:
Mr. Jay Nagendran
 Assistant Deputy Minister of Oilsands Environmental Management Division,
 Alberta Environment

June 11, 2007

“Anthony Henday Drive”

Presented by: **Mr. Allan Neill, P.Eng.**
 Stantec Consultants



Technical Meetings

ECES technical dinner meetings qualify for APEGGA professional development hours (PDHs) and are normally held on the **2nd Monday of the month** unless it falls on a holiday then the meeting will be held on the **3rd Monday of the month**. Please visit our website for this year's presentation topics:
<http://www.eces.cc/technical/technical.htm>

We welcome you all to the above meetings held at:

- Place:** Mirama Restaurant, 2nd Floor, 9431 Jasper Ave,
- Time:** 6:00 PM networking; 6:30 PM dinner
- Cost:** \$15 (member) / \$10 (student member)
 \$25 (non-member) / \$15 (student non-member)
 (Prices include GST & gratuities)
- Contact:** Cuong Vuong, at cuong.vuong@hotmail.com to register.

Meet our new 2007 Executives!



PRESIDENT
CUONG VUONG, P.Eng.

Time sure flies fast when you're having fun. 2006 seems like just a short memory now, but a lot has happened. I have decided to pursue my career with Vetco Gray Canada after 5 years with Stream-Flo Industries and my wife and I have been blessed with a healthy beautiful baby girl who's about to be 5 months old. Having her around is already a handful, for both of us. And of course, the Oilers made Edmonton proud with their run for the Stanley Cup. I am glad to be able to continue with ECES as its president and with the 2007 executives, I hope we can make it another exciting year. 2006 brought us presentations ranging from waste water treatment to 3D laser scanners. Our anniversary speaker Dr. Wenran Jiang, Ph.D. captivated an audience of around 200 with his insights into China's energy crisis. Annie and Elaine, 2006 Directors of Recreation did an outstanding job with the annual BBQ and golf tournament, a lot of positive feed back from those who attended; great job girls. 2007 has already begun with a bang, our past-president, Wing Choy started off the year as our first monthly speaker. Michael Kan, our new Director of Technology, has lined up speakers for the remainder of the year and January isn't even over. Be sure to check out the website for updates. I hope you can schedule some time to join us this year.

VP-COMMUNICATION
PATRICK TSO, P.Eng.

I consider myself an Edmontonian by heart, having spent my first 6 years in Canada here during my high school and university days. Since graduation in U of A, class of '78, my career took me to everywhere else in Alberta



but Edmonton for the last 29 years. Last July we moved to Edmonton from the deep south, Lethbridge, and it's a welcoming change for me and my family. Now that I'm "back home", I would like to put my effort in making this community a better place to live and work. To make myself feel a tad younger, I volunteer at the Edmonton Chinese Computer Society in Chinatown to work with the members on improving their computer skills. Just so I don't neglect the younger generation, I have been actively involved in recruiting high school students to take on the career of engineering. I wish to thank ECES members for accepting me into VP-Communication position to start my contribution to the society. As a rookie in ECES, I'll need plenty of help to get myself familiarized with society affairs. Please drop me an email or contact me at our monthly Technical Meetings to pass along your input on how I can serve you, our valued members, in this position. I look forward for a great year and meet all of you in tech meetings and social events.

VP-MEMBERSHIP
EDDIE YOUNG, P.Eng.

I am a Professional Mechanical Engineer working for Shell Canada Energy as the Fired-Equipment Engineer. I am currently a member of the Association of Professional Engineers, Geologists, and Geophysicists of Alberta (APEGGA), ASME, and Practice Standards Committee for APEGGA. I joined the Edmonton Chinese Engineers Society (ECES) in 2003. I was the VP for recreation in 2005, and VP for Membership in 2006. ECES has provided me the opportunity to meet new people, and to develop my



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professional skills at multi-levels through interaction with other professionals. My goal for this year is to continue our growth with membership through promotions and outreach programs, such as issuance of membership certificates, bring a “non-member” night, and field trip events to increase awareness. I enjoy working with the ECES members and I look forward to another successful and fun year ahead. I believe the best contribution that any professional can give is to get involve with their professional association and give back to the society what they have received.



TREASURER
CHRIS CHAN, P.Eng., CMfgT

I am the Engineering Manager at Vetco Gray Canada Inc. I have worked in the Canadian oil patch for some 28 years, primarily in the Wellhead Equipment and Gate Valve design and manufacture. I have also worked in service rig manufacture, down hole tools and blow out preventers. My goals for ECES is to promote Engineering in the community, assist potential engineers to find gainful employment and network with other engineers.

SECRETARY
PATRICK WONG, E.I.T.

I graduated from the University of Calgary with a B.Sc. in Civil Engineering in 2000. Currently I am working with Stantec Consulting Ltd. as a Bridge Consultant. I joined the ECES in 2001 and became an executive in 2004. As a Secretary in our society, I keep track of all the executive meeting minutes, and send out invitations for our anniversary banquets. Throughout the years with ECES, I found it very valuable with the opportunities to work with other executives as a team, meet with



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new people in different fields, mingle with young engineers in student nights, as well as helping out the new immigrant engineers. I enjoy being part of this young and energetic team. I look forward to seeing you in our monthly technical meetings.

DIRECTOR OF TECHNOLOGY
MICHAEL KAN, P.Eng.



I am working with the City of Edmonton, Drainage Services, for more than 2 years. I joined the ECES as a member in 2003, and was the Director of Recreation in 2004 and VP communication in 2005. Being a member and an executive of the ECES has provided me an opportunity to meet more friends. I obtained a lot of different information and knowledge from the monthly technical meetings. I enjoy other ECES activities such as BBQ, golfing and anniversary banquet. Improvement of ECES newsletter is my goal for the society this year. Therefore, your comments and suggestions on the ECES newsletter are important to me.

DIRECTOR OF RECREATION
ELAINE LAU, E.I.T.

I am currently a Transportation Engineer with the City of Edmonton, Transportation Planning Branch. I have been an active member with ECES since 2003 and Director of Recreation since 2006. ECES has been an excellent resource for establishing network contacts with industry peers. The monthly technical meetings are informative and have provided me an opportunity to gain better knowledge of various fields of engineering. My goal for this year is to organize and promote more events for students and existing members to have the opportunity to network in a technical, yet fun environment. Last year, our annual BBQ and golf tournament was very



successful. The weather was great, turn out was awesome and the food kicked butt! I can guarantee these events will be equally as enjoyable or even better. Feedback is always important in improving our events, so feel free to let me know either through email or in person at our technical meetings. I look forward to meeting all of you!

DIRECTOR OF RECREATION
ANNIE DUONG, E.I.T.

Since last May I have been employed with the City of Edmonton as a Project Engineer as part of the Transportation Roadways Design section. I have been participating in the ECES since 2001 and now the assisting Director of Recreation for 2007. The ECES is a great way to meet different employers and companies. It provides great opportunities to gain more knowledge in your field and network with fellow engineers and other professionals. The technical meetings held every month are diverse and informative. Get involved and come join us in all the exciting events. Hope to see you soon!



WEBMASTER
BRYAN WAI, E.I.T.

I graduated from the U of A with a B.Sc. in Civil Engineering in 2002. Currently I am employed with AMEC Infrastructure Limited as a Bridge Engineer. This is my second year joining the ECES and serve as the webmaster. Each year, ECES provides different variety of interest topic and invites different speaker from different industries. Therefore, keep in touch with us by visiting the ECES website and don't forget to bookmark the website so you will have the most current information.

Previous Technical Meetings

December 11, 2006

“Fellowship of the Iron Ring”

- Annual General Meeting & Christmas Gift Exchange,
[All ECES Members](#)

Other than “Technical” meetings, our society also hosts fun events throughout the year. Traditionally, the December meeting combines business with pleasure. The Asian Grill Restaurant was selected as the new venue for this year’s AGM and Annual Christmas Gift Exchange. The casual setting and the ambience of open flames simmering on the soup pots and brass grills invited conversations from around the tables. The cooperative nature of a “Hot Pot” dinner helps to bring society members closer and definitely good for networking. The endless food was proved too much for any one person, especially when everyone at our table had to chipped in at the end to finish the plate of food that was inadvertently overlooked. President Vuong provided the minutes of the previous AGM and a brief report on current year status. Details of these documents are available through members of the Executives. Then the gift exchange got underway with provisions that subsequent presents drawn could replace the ones that had been drawn earlier. Being engineers are a honest lot, nobody invoked that provision. The meeting, or more aptly the “Gathering”, was ended amidst mutual greetings of “*Merry Christmas and a Happy New Year*” ringing through the crisp winter air sparkled under the flickering streetlights of Chinatown.



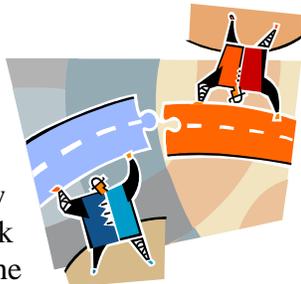
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January 8, 2007

"How the Alberta Highways are Maintained" ... Mr. Wing Choy, P.Eng.
Highway Operations Specialist, Technical Standards Branch, Alberta Infrastructure & Transportation

Our past president, Mr. Choy, provided our members with an insider's view of how the enormous network of roadways under the provincial jurisdiction is being maintained effectively, efficiently, economically and safely through an advanced weave of modern technology (Intelligent Technology) and asset management systems. There were no shortage of questions after the presentation to which Mr. Choy had answered with his experience as the province's Highway Operations Specialist.



then revealed through a series of slides with the addition of the process required to elevate the roadway which quickly spurred some questions from the audience. Mr. Carter then ended with several nice aerial photos of the finished interchange. If you've ever driven across the interchange, you'll come to appreciate the planning, intergraded team effort from the various city departments and just the sheer joy of not having to wait for a train that seems to never end or can't decide if it's coming or going.

February 12, 2007

"Yellowhead Trail - 156 Street Interchange Overview" ...

Mr. Gary N. Carter,
Design Supervisor,
Roadways Design
Transportation
Department
City of Edmonton



Mr. Gary Carter enlighten us with vivid pictures of the topic including roadway layouts outlining the extend of the project and everyone's favorite – aerial shots of the finished design. Mr. Carter had lots of support not only from the member turnout but also from his co-workers who had attended. The presentation began with a quick assessment of the old intersection running across Yellowhead and the how the train crossing caused great distress and delays. The evolution of the design was

March 12, 2007

"Implementing The Flood Program in Edmonton" ...

Mr. Ken Chua, M.Sc., P.Eng.
Program Manager
Design & Construction,
Drainage Services
City of Edmonton



Mr. Chua has a long career history of solving drainage issues in the City of Edmonton and had authored numerous literatures on the subject of Municipal Drainage Systems. His presentation on the infamous 2004 storm events in Edmonton captured a larger than normal audience at the March Technical Meeting. The historical rain event caused system overcapacity in certain areas of the city. Budget was allocated to rectify the existing storm system based on consultants' recommendations and program analysis by Mr. Chua. A publication developed by the City entitled "The Homeowner's Guide to Flood Prevention" was available for the audience to take home outlining the Flood Prevention Program. I can see our members getting ready at the first sign of spring with shovels to start flood proofing their homes. This is another example of a tech meeting with practical information that we can act on and reap the benefit within a short time.

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APEGGA

National Engineering & Geoscience Week

This year's National Engineering & Geoscience Week took place between February 22 and March 3. Elaine Lau was able to join in with many other volunteers to help celebrate this annual event sponsored by APEGGA. Volunteers helped set up activity booths to demonstrate to the students, their families and the general public on how fun science can be and how engineering technology affects our everyday life. Practical science and engineering principles were applied to simple models and contraptions that made many pairs of curious eyes glow with awe. It was great to see so many smiles especially on the parents. Mark your calendar next year to join in this fun and rewarding event!

Career Corner

Job links can be found on our website, check them out at www.eces.cc! Remember that, according to the University of Alberta Career and Placement Services statistics, **80% of job opportunities are NOT advertised.** Therefore, **networking** is an important avenue for job hunters and the ECES technical meetings are an excellent opportunity to network in a casual environment. Also, for ECES members, the ECES web resume databank is a free service! Send us your resumes or job opportunities to include on the website.

Community Activities

Welcome Dinner for PRC Consulate Mr. Wu January 16, 2007 – Mirama Restaurant

Cuong Vuong and Patrick Tso attended this special event to honour the inauguration of the new Consulate General (Calgary) for the Peoples Republic of China (PRC). The evening started with a triple lion dance escorting in the dignitaries. There were a wide variety of traditional entertainments throughout the evening to accompany the great dinner dishes. Joining Cuong and Patrick at the table were representatives from the Chinese Lion's Club, Edmonton Chinese Bilingual Education Association, ASSIST, and the Chinese Graduate Students Association.



Celebration Dinner for Premier Elect - Honourable Ed Stelmach January 24, 2007 - Century Palace

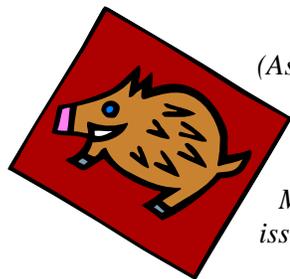
The Edmonton Chinese community hosted this event to honour the province's new Premier – the Honourable Ed Stelmach. One of our founding members, Alan Kwan, was instrumental during the campaign to rally amongst Edmonton's oriental sector leading to Stelmach's win. Our executives, Cuong Vuong, Patrick Tso, Annie Duong and Elaine Lau attended this special function to enjoy delicious food and great entertainment. Thanks to our past President, Wing Choy, we had a rink side seating arranged for our table and we were able to watch the evenings' events unfold right in front of us. Other dignitaries attending included His Worship, Mayor Stephen Mandel, and the PRC Consulate General from Calgary, Mr. Wu. Stelmach and his



wife were presented with a set of traditional Chinese clothing fit for celebrities. ECES members wrapped up the wonderful evening with a group picture with Premier Stelmach.

**Chinese Community Annual New Year's Banquet (Year of the Boar)
February 23, 2007 – Mirama Restaurant**

A large contingent of ECES members including Cuong Vuong, Annie Duong, Elaine Lau, Thomas Lo and guest, Wing Choy and Alan Kwan were present at the annual Chinese Community' New Year's Banquet held at the Mirama Restaurant. The evening's program was filled with traditional Chinese entertainments such as lion dance, singing, and folk dances performed by the local cultural clubs and societies. As always, the food was excellent. And the company around the table was quite diverse demographically. Two Grade 11 students (Patrick Tso's young son and his friend) were among the guests at the ECES table. They rather enjoyed the evening's food, company and entertainment. Comments from the young men were that they were treated with respect and they were surprised that there are young people in our organization.



(As members, we shall put into our "To Do" list to recruit potential members. More on this topic by Eddie Young, VP Membership, later in our next issue of this newsletter).

**10th Anniversary Harmony Brunch –
The Canadian Multicultural
Education Foundation
March 25, 2007 – Delta Edmonton South
Hotel**

ECES sponsored this worthwhile event to pledge our support to the benevolent theme, "Celebrating the International Day for the Elimination of Racial Discrimination". Our

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Executive, Patrick Tso, and past president, Wing Choy, attended the event to joined the 300+ citizens to solemnly pledge our support against racism. Members of the three levels of government were well represented. A touching speech from the Queen's representative in Alberta, The Lieutenant Governor, Honourable Norman L. Kwong, gave us a glimpse of how he himself was affected by this in his early age. He praised the organization, now in its 10th year, in making a tremendous difference in rallying the Edmonton Community as a common front against racism. Also in the event program were candle lighting ritual to spread the light of human rights throughout the world; Lion Dance by the youths from Rosslyn Jr. High School; Piano solo by a talented young lady from China; and some refreshing tunes by the Philippine Choral Group.



Vignettes



Tech Meeting Jan. 8/07 – Wing Choy



Tech Meeting Feb. 12/07 – Gary Carter



Tech Meeting Mar. 12/07 – Ken Chua

Membership

If you are not a member yet, consider joining us or if you are a member, **don't forget to renew your membership for 2007-2008.**

Please make cheque payable to
The Edmonton Chinese Engineers Society
and mail to:
EDMONTON CHINESE ENGINEERS SOCIETY
c/o ASSIST Community Services Centre
9653 – 105A Avenue
Edmonton, Alberta, Canada T5H 0M3

Different categories of membership fees:

Premium Package - \$200

- One full year membership
- Ten dinner admissions for one person at the Technical, Election and Annual Meetings
- 2 tickets for the Anniversary Banquet

5-Year Full Membership - \$100

Full five year membership

1-Year Full Membership - \$30

One full year membership

Associate and Student Membership - \$15

- One full year associate membership
- Associate members: Unregistered Engineers, Architects, Accountants, lawyers, doctors, Technicians or Other Professionals

*Student members: Students registered at Universities or Colleges

Comments and suggestions for newsletter improvements? Email the VP-Communications, Patrick Tso at communications@ecec.cc. We look forward to hearing your feedback comments!

Photo Gallery

December 11, 2006 (1)



December 11, 2006 (2)



January 08, 2007



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