		<b>Dinner Meeting and Guest Speaker</b> <b>Wednesday, January 14, 2004</b>	
		Topic:	<b>Meeting 4 - "What has the HVAC and R industry done for me?" - Forum: Past ASHRAE Presidents</b> - We will kick off the new year with some after dinner observations of life in the HVAC industry by some of the Past Presidents of our ASHRAE chapter for the benefit of the students present and of course all of us attending. A recent article in ASHRAE Insights, our monthly newsletter, called "Sharing Wisdom, Experience - Chapter Mentors Help Protégés" notes how the San Diego chapter has launched a mentoring program. After dinner there will be an opportunity for some members of our industry to share some ideas, give some tips, have some recollections and perhaps share some humour with us. These are not formal presentations, just a chance for some of us to talk about our industry. <b>- Past President's Night and Student Night</b>
		Location:	<b>Italian Cultural Centre</b> <b>3075 Slocan Street (at Grandview Highway)</b> Vancouver
		Time:	<b>5:30 PM: Social Hour</b> <b>6:30 PM: Dinner</b>
		Cost:	<b>\$30 - Chapter Members</b> <b>\$33 - Society Members &amp; Guests of Members</b> <b>\$27 - Life Members</b> <b>FREE - Students - It's Students Night!</b>
<b>To register contact Charlie Sabean at Tel: (604) 588-1030, Fax (604) 588-1012 or e-mail: <a href="mailto:csabean@modern-systems.com">csabean@modern-systems.com</a></b>			

## PRESIDENT'S MESSAGE



It's hard to believe that Christmas has come and gone once again and it time to reflect on what is truly important in our lives - our friends and family. I'd like to take this opportunity to wish you all a Happy and Prosperous New Year. From my discussions with many ASHRAE members our industry had quite a good busy year and it looks like next year will be even better.

Our last dinner meeting was well attended to hear our speakers discuss OPEN PROTOCOLS-LON, BACNET and OTHERS. Our speakers **Avi Baidya** and **Paul Herrick** each explained the many factors required to properly address protocol issues. Those in attendance were able to ask questions that helped many to understand protocol nomenclature. Since this meeting, many industry members have indicated that they would attend a future (and more in depth) meeting on Protocol or perhaps even an afternoon seminar.

**Bob Mackie** and your program committee have prepared a number of topical subjects for the Spring dinner meetings. See last page of Totem for dinner meeting dates and topics. Our January meeting will bring together Past Presidents and Students. Come and hear from many of our past Chapter Presidents what the HVAC and R industry has done for them. I am sure ASHRAE involvement has helped many of them in their careers. Also a good chance to meet some of our bright students who will carry our industry into the future.

January is also the month of the Society Annual Winter meeting. This year January 24 to 28th in Anaheim California. We hope to see many of you there as the winter meeting also includes the Annual Industry Trade Show. Many vendors will be showcasing new products and services.

Visit the [ASHRAE BC HOME PAGE](http://www.ashrae.bc.ca) [www.ashrae.bc.ca](http://www.ashrae.bc.ca)



## Are LEEDers Fit to Lead?

I actually agree that the whole green building/LEED movement is (and should be) a form of social engineering to try to bend the consumptive North American society away from the automobile culture and urban sprawl mindset. While LEED could be improved in many respects, it at least accomplishes some amount of change and "market transformation" as it's intent. I agree that some of the philosophy is socialistic, but it is, at least a starting point for social change. The free market and the worship of the "Dollar" as the deity of business has only promoted greed and devaluation of the environment. Unless the free market economy starts to place true value on the environment, environmental qualities, and environmental damages, I can't see the free market changing it's consumptive ways very quickly. LEED is intended as a starting point for market transformation, and perhaps we can find other solutions rather than "imposed" socialist measures, provided society and political institutions have the willingness to recognize the big picture, rather than short term solutions that fit between elections for politicians whose sole motive is to get re-elected.

What worries me is the balkanization of LEED - we now have LEED BC, the Canadian Green Building Council (CaGBC), "LEED Canada" in development, and possibly more to follow, as the "checklist point hunting" mentality expands the scope and tries to have local/regional issues integrated for the perceived "fairness" issue. What may happen in the near future is that LEED will have to evolve into ever more complex requirements, which are then applied to separate regions and applications, to the point where it becomes unwieldy and ultimately abandoned as the "standard" becomes so diluted.

The simplicity of the LEED program at this point is appealing to the building construction industry, but I have to ask "Why is it being used?" As a Client recently pointed out to me, "What's LEED doing for me, the Owner? If it's supposed to be about getting

building design professionals to design "better buildings", then why use LEED? After all, I'm paying these design professionals to build me a "best practice" building in the first place, so they should be doing what LEED is asking for anyway." The other thing to think about is that LEED seems to be used as more of a marketing tool for "sustainable specialists". Granted, LEED buildings show productivity gains, and other measurable improvements in energy efficiency, but *isn't that what we building design professionals are supposed to be doing anyway?*

The last note on this theme is: has anyone noticed this - in the latest APEGBC magazine (November, 2003): On one page, it has printed that a motion was made at the recent AGM to "*undertake lobbying of the federal governments' technical panel on oil and gas to request that they*

*give first consideration to domestic expertise in this field... "*, and on the facing page is a blurb about the APEGBC Sustainability Policy and adding "environmental impact" of buildings to the Management of Building Projects manual. Am I the only one that thinks this is somewhat of a contradiction? I subscribe to the APEGBC Code of Ethics where it states "*(1) hold paramount the safety, health and welfare of the public, the protection of the environment.... "* Given what we know of the impacts of fossil fuel exploration and it's use, are APEGBC and it's members really sure they want to lobby for MORE oil and gas work?? Perhaps, instead of selfishly lobbying governments for more of "our share", we engineers should be applying ourselves to live up to our Code of Ethics and develop energy systems that are less environmentally harmful than fossil fuels.

*Submitted by Geoff McDonell P.Eng.  
LEED Accredited Professional*

**"I agree that some of the philosophy is socialistic, but it is, at least a starting point for social change."**



## MEMBERSHIP MATTERS

**Jason White - Chapter Membership Chairman**

can answer *any* of your questions related to membership...

Tel: (604) 986-1400 or e-mail: [jason.white@olympicinternational.com](mailto:jason.white@olympicinternational.com)

"I always wanted to be somebody, but I should have been more specific." - Lily Tomlin

### A Day in the Life...

Not much excitement in the treasurer's job...I have learned that members pay their dues every month and ASHRAE Society office sends us a check for chapter dues as the money comes in. If you don't have a receipt saying you have paid dues for 2003 it may well be that you have not paid yet. Call or send me an e-mail at [echessor@interchange.ubc.ca](mailto:echessor@interchange.ubc.ca) and I can let you know whether you're on the list of those who've paid. If the Chapter owes you money, please send an invoice.

On a personal note my teaching duties at UBC will be much less demanding in the next few months than they were last fall. I taught underground mine ventilation to 4<sup>th</sup> year engineers and industrial ventilation to the Occupational Hygiene Masters students from September to the end of November. I will do some one and two day courses in the next six months, but those don't involve labs, assignments or exams, so they are a lot easier.

Time to contact our members in the Okanogan to plan a meeting for the spring. You may also consider this a request for a speaker.

I'm looking for suggestions for speakers for the 2004 for 2005 meetings here in Vancouver and for the Southern Interior Chapter Section.

*Submitted by Ed Chessor*

"Keep on going and the chances are you will stumble on something, perhaps when you are least expecting it. I have never heard of anyone stumbling on something sitting down."

Charles F. Kettering, 1876-1958, Engineer and Inventor

## WELCOME OUR NEW MEMBERS!

**Inducted in October**

Name	Company	Status
<b>Thomas Bryan</b>	Roto Air Distributors Ltd.	Associate Member
<b>Will Smith</b>	Keen Engineering Co. Ltd.	Associate Member
<b>Bassam Yammine</b>	(No company name listed)	Advancement to Member



# THANK YOU!

The following individuals are participating in society-level activities during 2003/04.

The BC Chapter acknowledges their willingness to "go the extra mile" to advance HVACR technology, and the industry.

This list includes those serving on the Board of Directors, Councils, General Committees, Technical Committees, Task Groups, Standards Project Committees, Presidential and Board Ad Hoc Committees.

<b>Alex Boome, P.Eng.</b>	<b>Alexander Boome Consulting Engineering Ltd.</b>
<b>Dale Carter</b>	<b>DEC Design Mechanical Consultants Ltd.</b>
<b>Donald Gibbs</b>	<b>Tekmar Control Systems</b>
<b>Jim Keen</b>	<b>Retired</b>
<b>Mark Lawton</b>	<b>Morrison Hershfield Ltd.</b>
<b>John Lovatt</b>	<b>B.C. Institute of Technology</b>
<b>Ian Mackie</b>	<b>Mackie Associates</b>
<b>Brian O'Donnell</b>	<b>Prism Engineering Ltd.</b>
<b>Gary Peakman</b>	<b>Zeroloc Enterprises Ltd.</b>
<b>Dick Perry</b>	<b>Perry Engineering Ltd.</b>
<b>Ralph Robson</b>	<b>Retired</b>
<b>Elia Sterling</b>	<b>Theodor D. Sterling &amp; Associates</b>
<b>Ron Strong</b>	<b>R.H. Strong and Associates</b>
<b>John Topliss</b>	<b>Refrigeration Components Canada Ltd.</b>

## "ISLAND 2004" Trade Show

Vancouver Island Chapter

Date: April 22, 2004

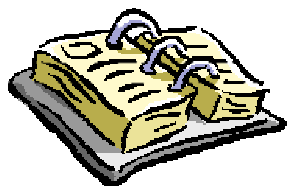
Place: Harbour Towers Hotel & Suites, Victoria

Committee Chair: Mark Watson

Optimist: "The glass is half full."

Pessimist: "The glass is half empty."

Engineer: "That glass is twice as large as it needs to be."



## ASHRAE-B.C. Chapter and Industry Events - 2003/2004

*Dates and events are subject to change and will be updated as required.*

Generally, chapter meetings are the second Wednesday - after the first Monday of the month - at the Italian Cultural Centre at 5:30 pm. Exceptions are there are no meetings in the summer June through August, and no meeting in December

Date	Event / Topic
September 10, 2003	Meeting 1 - "Is there a decent ROI on green buildings?" - Forum: Vancouver Real Estate Board, BOMA, LEED Rep. - Membership Promotion Night
October 15, 2003	Tour of the mechanical equipment at CanAgro that uses the new Co-Gen from the Delta landfill methane gases to provide heat and electricity for their tomato greenhouse operations. The CanAgro tour is in Ladner, so we will eat the Town and Country Inn in Delta. Menu is <i>The Baron Buffet</i>
November 12, 2003	Meeting 3 - "Open Protocols - LON, BACNet, & others" Pre-Dinner Workshop - Pressure Independent Valves in HVAC System Design
December	No Meeting
January 14, 2004	<b>Meeting 4 - "What has the HVAC and R industry done for me?" - Forum: Past ASHRAE Presidents</b> We will kick off the new year with some after dinner observations of life in the HVAC industry by some of the Past Presidents of our ASHRAE chapter for the benefit of the students present and of course all of us attending. A recent article in ASHRAE Insights, our monthly newsletter, called Sharing Wisdom, Experience - Chapter Mentors Help Protégés ( <a href="http://www.ashrae.org/template/AssetDetail/assetid/29852">http://www.ashrae.org/template/AssetDetail/assetid/29852</a> ) notes how the San Diego chapter has launched a mentoring program. After dinner there will be an opportunity for some members of our industry to share some ideas, give some tips, have some recollections and perhaps share some humour with us. These are not formal presentations, just a chance for some of us to talk about our industry. <b>- Past President's Night and Student Night</b>
February 11, 2004	Meeting 5 - "Ethics, Legality, Codes and Specifications" - Forum: Lawyer, Project Manager, Mechanical, Controls, Plumbing, Owner
March 10, 2004	Meeting 6 - "Hospital Air Issues to deal with Highly Communicable Diseases" - Joint Meeting with CHES
April 15, 2004	Meeting 7 - Refrigeration Tour
May 12, 2004	Meeting 8 - "Residential Multi Family High Rise Energy Efficiency - ASHRAE Standards" - Research Night
May 2004	ASHRAE Annual <b>Golf Tournament</b> at Morgan Creek Golf Club See website <a href="#">2004 ASHRAE Annual Golf Tournament</a>
June	No meeting
July	No meeting