

*ASHRAE*  
*New Brunswick / Prince Edward Island*  
*Chapter History*

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**ASHRAE**  
**NB PEI CHAPTER**

We are always on the lookout for any historical information and memorabilia about ASHRAE and especially our chapter. Please call David Samuel at 506-855-3370 or [e-maildevadason19@hotmail.com](mailto:e-maildevadason19@hotmail.com) if you have any artefacts (old Herring Chokers, committee notes, photographs, etc) and we will be very glad to add them to our historical collection.

## **1972 – 1973 President Kirk Bavis**

In September of 1971 a group of interested individuals organized an initial meeting at the Lions Seniors Citizen Center in Moncton. This was to determine the level of interest locally. The meeting was sponsored by the Halifax chapter, thirty people attended.

As observers Mr. Kirk Bavis and Mr. John MacLean attended the 1971 CRC held in Quebec.

The N.B. chapter operated as a branch of the Halifax chapter during the (1971-1972) year.

The first Board of Governors were: Kirk Bavis, Ken Perry, Gary Clancy, Glen Cowan, Brian Hildreth, Emile LeBlanc

Chapter night was held at the Brunswick Hotel in Moncton. There were many guests including Mayor Len Jones. Head table guest were Jake Klassen, Mayor Len Jones, Mrs. Jones, Kirk and Judy Bavis.

Special guest toured the city hall the next day and signed guest book.

The Chapter was presented its charter on 13th, October 1972, by Jake Klassen the region II director.

Mr. Klassen presented a gavel to Kirk Bavis as the Charter President on behalf of the Halifax chapter.

The first monthly meetings were held at the Palace Grill in Moncton.

Membership fees were set at \$10.00

First Annual Golf Tournament held in Chester NS.

### ***Excerpt from ASHRAE Journal, January 1973***

#### **New Brunswick Chartered in October**

A new ASHRAE Chapter, New Brunswick (Canada), was chartered on October 13 with 80 members and guests as participants and well wishers. Society members who attended included ASHRAE President Walter F. Spiegel, Executive Director Andrew T. Boggs III, and Director and Regional Chairman of Region II Jacob Klassen. Also lending their support were President of the Halifax Chapter (sponsoring Chapter) James Scriven, the Major of Moncton (N.B.) Leonard C. Jones and representatives of the Montreal and Ville de Quebec Chapters.



Mr. Klassen gave a history of the events leading up to this Charter night and paid tribute to the individuals involved in the Chapter's organization. He then presented the Charter to New Brunswick Chapter President Kirk Bavis and installed the slate of officers-vice President Robert MacPherson. Secretary Kenneth Perry. Treasurer Brian Hildreth and Governors Glen Cowan. Joseph Slein and John MacLean. Mr., Boggs presented an ASHRAE banner to the Chapter.

President Spiegel addressed the assembled celebrants regarding the importance of ASHRAE in the HVAC&R industry. He encouraged all members to get personally involved to assure the success of the New Brunswick Chapter, An explanation of ASHRAE research was also given.

### **1973 – 1974 President Bob MacPherson**

- Mr. MacPherson has been involved in the controls industry for most of his adult life. He was one of the founding fathers of our chapter and his participation in kicking off the first 20 years is greatly appreciated.
- Golf Tournament was held this year in Chester, NS

- Point of Interest: Gary Clancy took out a personal loan for the amount of \$400.00 to permit the chapter to start the year. This is a far cry from today's fiscal position. Thanks Gary!!!

## **1974 - 1975 President Ken Perry**

Mr. Perry was born in Torbay, England. He served in the Fleet Air Arm of the Royal Navy prior to moving to Canada. He came to Moncton to work with Moncton Plumbing as a chief estimator. He settled down in Moncton marrying a Moncton girl and raising a family. Mr. Perry has been an active member of ASHRAE since 1954 making him our most senior member. He was also one of our founding members. His past involvement is greatly appreciated and he will continue on in our chapter members' memories. Ken passed away in 1991.

## **1975 – 1976 President Brian Hildreth**

### ***EXECUTIVE:***

1st V. President:	Richard Gallant
2nd V. President:	Robert Wood
Secretary:	Terry Steeves
Treasurer:	Ken MacDonald

### ***BOARD OF GOVERNORS:***

Ken Perry  
Derek Palmer

## **August 1975**

This is the first edition of our Chapter newsletter "The Herring Choker". Throughout the upcoming years this newsletter will contain news of chapter activities, society happenings, etc...

## **September 1975 Golf Tournament**

A very successful golf tournament was held this year at the Moncton Golf and Country Club. Congratulations were extended to Wayne Phillips our 1975 Champion.

## **October 1975 Heat Pumps and Solar Energy**

Our last regular meeting featured Professor Vern Ireton who presented an excellent talk on "Heat Pumps and Solar Energy". The response was encouraging with 32 members and guests attending. Professor Ireton revealed many interesting facts concerning technical problems, evaluation and costs related to solar energy systems for our area. The NB Chapter looks forward to having Professor Ireton address our membership once again in the future.

**November 1975 National Building Code and HVAC**

Meeting to be held at Ho Jo's in Moncton. There was a panel discussion on "The National Building Code and H.V.A.C. Systems".

Panellists included:

Mr. C. Kimball

Mr. R. Griffin

Mr. K. Bavis

**December 1975 Christmas Party**

Christmas Party on the 18th of this month. A large turnout from Saint John, Fredericton and Halifax was appreciated.

**January 1976 Design Approach to Smoke Movement**

Meeting Place: Howard Johnson's Motor Lodge

Speaker: Mr. M. Galbraith,

Fire Research Section, National Research Council,  
Ottawa, ON.

Topic: "Design Approach to Smoke Movement in High Buildings".

**March 1976 Duct Standardization**

Ho Jo's was the location for this months meeting. We had Mr. Paul Silverthorne, B.Sc., P.Eng. Associate of Engineering Interface Ltd. Toronto, ON. speaking on "Duct Standardization".

**April 1976 Outlook 2000**

Mr. Al Cameron of Carrier Ltd. presented a very interesting talk on "Outlook 2000".

We were also very pleased to have our Regional Director Don Ledgett in attendance. He spoke briefly to the membership about activities within Region II, and stressed the importance of ASHRAE and how the members can become more active.

**May 14, 1976 Normandie Wines**

Annual meeting was held at Normandie Wines in Scoudouc, NB. Also the election was held for the officers. Everyone enjoyed the plant tour & wine and cheese that followed.

**1976 – 1977 President Richard Gallant**

Mr. Gallant received his Engineering degree in 1966 from the Nova Scotia Technical College. He moved to Toronto immediately afterwards where he pursued his career as a design engineer. In 1970 he returned to the Maritimes. In 1976 Mr. Gallant became President of Peerless Consulting and remained so until

1987. Mr. Gallant now resides in Cambridge, ON. where he is actively participating in horse racing with his brother on a full time basis.

## **1977 – 1978 President Terry Steeves**

### ***EXECUTIVE:***

Vice President:	Gary Hoadley
Secretary:	Derrick Palmer
Treasurer:	Mike Mann
Past President	Richard Gallant

### ***BOARD OF GOVERNORS:***

Dave Potter  
Gary Clancy  
Rick Brown  
Richard Gallant

This year's meetings were held at the Ho Jo's Motel. The annual golf tournament was held Sept 7, 1977 at the Moncton Golf & Country Club. A good turnout complemented by fine weather and excellent course conditions contributed to a very successful event.

The now famous boat race (which had to be run in two heats) was won by the Halifax Chapter. Both judges and observers conceded that the Halifax win was a direct result of the three "Ringers" loaned by the N.B. Chapter to complete their term. (In the future, Emile Leblanc will be banned from assisting the visiting team.)

The monthly meetings consisted of the following activities:

### **October 12, 1977 Centrifugal Heat Recovery Machines**

Region II Chairman, George Menzies, visited chapter and addressed the meeting.

Guest speaker Mr. Don Allan of Trane Co. discussed "Design and Application of Centrifugal Heat Recovery Machines."

### **November 15, 1977 Energy Conservation**

Education Night Richard Gallant gives seminar on energy conservation to members and students.

### **December 17, 1977 Tidal Power**

"CHRISTMAS PARTY" – A very successful sleigh ride was enjoyed by all.  
January 10, 1978

Meeting in Moncton. Guest speaker Mr. Doug Hayward from N.B.P.E.C. Topic "Tidal Power in New Brunswick."

### **February 14, 1978 Going Metric**

Meeting in Moncton. Guest speaker from the Federal government; topic "Going Metric and Its Effects on the Construction Industry".

### **March 14, 1978 The Energy Audit**

Meeting in Fredericton. Guest speaker Mr. Jim Hooke of Energy Mines and Resources. Topic "The Energy Audit".

### **April 11, 1978 Heat Pipe Heat Exchangers**

Meeting in Saint John. Guest speaker Mr. Peter Vogel of Keeprite. Topic: "Heat Pipe Heat Exchangers"

### **May 9, 1978 Installation of Officers**

Annual meeting/ Ladies Night-Wine and Dinner Party held at the "Cosmo"  
Guest speakers Mr. Dale MacDonald and Mr. Val Desjardins.  
Topic: "New Brunswick's First Solar Heated Residence"

## **1978 - 1979 President Terry Steeves**

### ***EXECUTIVE:***

President Elect:	Gary Hoadley
Vice President:	Mike Mann
Secretary:	Dave Potter
Treasurer:	Bill Watson

### ***BOARD OF GOVERNORS:***

Vic Boggis  
Gerry Forsythe  
Dave Hoskins  
Richard Gallant

This year's meetings were held at Ho Jo's Motel in Moncton The annual golf tournament was held September 14, 1978 at the Moncton Golf Club. Once again a major success with the Moncton team taking the "BOAT RACE".

### **October 17, 1978 Life Cycle Costing**

Meeting in Moncton, Guest speaker Mr. Rob Bycraft from the Dept. of Public Works, Ottawa.  
Topic: 'Life Cycle Costing'

**November 14, 1978 Education Night**

This meeting will present three speakers who will talk to the group and invited students on the three main functions of our industry.

Guest speakers: Mr. P.G. Cowan - Design

Mr. F. Bearisto - Contracting

Mr. J. Slemin - Supply

**December 8, 1978 CHRISTMAS PARTY**

A GOOD OLD FASHIONED SLEIGH RIDE! This was once again the theme for the Annual Christmas Party.

**January 9, 1979 Computerized Central Control System**

This meeting was held at the Ho Jo's Motel (Fredericton) Guest speaker: Mr. J.C. McKenna, Market Manager, Automated Building Systems, Honeywell Limited.

Topic: "Computerized Central Control System" as applied to the H.V.A.C. Industry

**February 21, 1979 Moncton Campus/tour**

Meeting held at the Moncton Community College

Guest Speaker: Mr. Hugh Fullerton, Vice-Principal

Topic: Technology - Moncton Campus/tour of Mechanical Technology Facilities.

**March 13, 1979 Energy Management Seminar**

Meeting held at the Ho Jo's Motel, Fredericton. This meeting was a combined Energy Management Seminar and Monthly Meeting.

The topics were:

Enersave for Industry - 'The energy Bus Program'

Energy Conservation and Controls "Energy Conservation Techniques Through Proper Use of Controls"

Humidity and Heating in Homes - "Rethinking accepted practices of Heating, Humidifying, and Insulating Residential Buildings".

Planning for the Future - "Goals of the Maritime Energy Corporation

**April 10, 1979 Application and Performance of VAV Systems**

Meeting held at the Ho Jo's Motel (Moncton)

Guest Speaker: Mr. Norm Clark, Product Engineer - Trane Co.

Topic: Application and Performance of VAV Systems

**May 11, 1979 Election**

Annual Monthly Meeting/Companion Night/Election and introduction of 1979-1980 Officers. This meeting was held at the Cave à Pape Restaurant (Moncton)

A great time partying was had by all. The 79/80 Officers were announced and everyone was excited about the 1980 CRC being held in Moncton.

## **1979 - 1980 President Gary Hoadley**

### ***EXECUTIVE:***

President-Elect:	Mike Mann
Vice-President:	Dave Potter
Treasurer:	John Hanusiak
Secretary:	Dave Hoskin

### **September 19, 1979 Annual Golf Tournament**

Annual Golf Tournament was held at the Moncton Golf & Country Club, another resounding success, boat race and all.

### **October 15, 1979 Thermal Performance of Ductwork**

This meeting was held at the Howard Johnson's Motor Lodge. A CRC committee was formed headed up by Robin Craig

Guest speaker: Mr. Claude Turcotte of John's Manville.

His topic was "Thermal Performance of Ductwork."

### **November 5, 1979 MEET Ancestor**

Meeting place Ho Jo's(Moncton) . This meeting consisted of a product show which became the forerunner of the great "MEET" odyssey. The show was headed up by Dave Potter, the attendance was exceptional and the regional suppliers expressed their appreciation for the opportunity to represent themselves to such a large targeted group in this fashion.

### **December 3, 1979 Vibron- C.N. Tower**

"CHRISTMAS PARTY"

Meeting place: Ho Jo's (Moncton).

Guest Speaker: Don Allen of Vibron. His topic was "On Keeping the World's Tallest Free-Standing Structure Standing Still - C.N. Tower."

### **January 21, 1980 Pulse Type Gas Furnaces**

Meeting place Ho Jo's (Moncton)

Guest Speaker: Mr. Ralph Reiman of Hydrotherm. He discussed the future of 91-94% pulse type gas furnaces.

### **February 11, 1980 Infrared Seminar**

Meeting place Charlottetown Hotel, PEI An Infrared seminar was held at Holland College, Royalty Campus. Later on that evening a panel discussion was held.

The Guest Speaker was Dr. Kirk Brown, Director of Island Energy Corporation his topic PEI's energy future.

**March 3, 1980 Micro-Electronics & Energy**

Meeting place Ho Jo's, Moncton.

Guest Speaker: Jack Webster, Manager of Marketing Residential Division

Honeywell His topic: "Micro-electronics & Energy - The Impact on Your Home".

**April 7, 1980 Future of H.V.A.C**

Meeting place Ho Jo's, Moncton.

CRC Committee meeting was held as the conference is just around the corner.

Preparation for the 1980 product show was also kicked off.

Guest Speaker: Bill Vale Commercial Consultant Lennox Industries.

His topic was "Manufactures Outlook at the Future of H.V.A.C."

**May 23, 1980 CRC Hosting**

Moncton Chapter Hosts its first CRC with great pride. This meeting was held in conjunction with the 1980 CRC which was held in Moncton.

In addition to excellent speakers, the society President-Mr. Hugh D. McMillan, Jr. was in attendance along with several other society officers from New York. It was a great opportunity to view ASHRAE from a society level and make new friends. In addition to the above event, two others became clear successes for our chapter.

The first was an evening of entertainment at the famous Cy's Restaurant on Thursday night. The second was the "Lobster Extravaganza" fun seekers were bussed to Shediac "The Lobster Capital of the World" where the best homard known to man was enjoyed by all while being entertained by Don Canning.

This event ultimately put the cap the N.B./P.E.I. Chapters reputation of being the "Fun" Chapter.

**1980 - 1981 President Gary Hoadley****September 1980 The Annual Golf Tournament.**

NB Chapter has again beat out the Halifax Chapter in the boat race event.

**October 20, 1980 Energy Conserving Lighting And HVAC**

This meeting was held at Ho Jo's, Fredericton in conjunction with the fixture showcase. The latest in energy conserving lighting and H.V.A.C. equipment was displayed. The show was jointly sponsored by the NS Chapter of ASHRAE and the Fiddlehead Section of The Illuminating Engineering Society.

**November 18, 1980 Humidification**

This meeting was held at Papa Joe's Restaurant

Guest Speaker: Zeev Kopel of National Environmental Products.

Topic: Humidification.

**December 9, 1980 Christmas Party - Past Presidents Night**

This meeting was held at Papa Joe's Restaurant. Hip of Beef \$14.00. Installation of the 1981 officers and Recognition of past-Presidents.

**January 13, 1981 Computer Room A.C. Units**

Meeting Place: Papa Joe's Restaurant

Guest speaker. John Bentley of Jo-Ad Industries -- Mtl.

Topic: Computer Room A.C. Units

**February 10, 1981 Pressurization & Air Elimination**

Meeting Place: Papa Joe's Restaurant

Guest Speaker: Mr. Nelson LeClerc of Hamlet & Garneau Inc. – Mtl.

Topic: Pressurization & Air Elimination of H.V.A.C. Systems & Energy Retrofit Programs.

**March 10, 1981 Thermal Storage and the Future**

Meeting place: Papa Joe's Restaurant

• Guest Speaker: Mr. Lloyd Algie, Marketing Manager for Acme Engineering Products Ltd. Toronto

Topic: "Thermal Storage and the Future"

**April 14, 1981 Pump Energy Conservation And Flow Balancing**

Meeting place: Papa Joe's Restaurant

Guest Speaker: Mr. Gil Carson of ITT

Topic: Pump energy conservation and Flow Balancing Analysis.

ASHRAE Research fund raising campaign is underway-goal "\$1800.00"

**May 12, 1981 Maritime Natural Gas Pipeline**

Meeting Place: Papa Joe's Restaurant, Moncton.

Guest Speaker: Mr. Barry Ritchey V.P., Operations, TransQuebec, Maritime Pipeline, Mtl. Quebec

Topic: Maritime Natural Gas Pipeline

**1981-1982 President Jean-Guy Bernard****July 20, 1981 Energy Management**

Energy Management 1981 briefing by R. Gallant.

Show in Oct. in Fredericton.

Honeywell - 1 hour seminar

Trane - 1 hour seminar.

**September 17, 1981 ANNUAL GOLF TOURNAMENT**

Meeting was held at Moncton Golf & Country Club.

**October 19, 1981 Trane Equipment**

Energy management by R. Gallant, formed a committee to help to promote the ASHRAE/IES show. Also going for award points for all categories except one. Have been asked by EMR to set up a workshop.

The meeting was turned over to Ray Lloyd who introduced Colin Perkins of Trane who put on a mini lecture on Trane Equipment.

**November 10, 1981 Service And Professional Businesses Marketing**

Bob MacPherson introduced our guest speaker, Mr. Carl Dredericks, the National Service Sales Manager of Johnson Controls.

Mr. Dredericks gave an interesting presentation and discussion on the service oriented business as opposed to the product oriented business. He also spoke on the marketing of service and professional businesses. The presentation was over at 9:00 p.m. and the speaker was thanked by J.G. Bernard.

**December 1981 CHRISTMAS PARTY****January 12, 1982 Energy Mines & Resources**

- Dave Potter read a letter received from Andrew Boggs regarding fees for product demonstrations and exposition.

Introduction of guest speaker Mr. John Hutchinson from Energy Mines & Resources by Kirk Bavis.

**February 9, 1982 Earthquakes In New Brunswick**

- Kirk Bavis introduced the guest speaker, Merrill Edward a UNB physics professor, who gave a very interesting talk on the subject of earthquakes in New Brunswick.

**March 9, 1982 Noise And Vibration Control**

Mr. Don Allen of Vibron spoke on the topic of noise and vibration control.

**April 13, 1982 Residential Heat Pumps**

- Letter read by D. Potter concerning events for upcoming Region II 25th Annual C.R.C. Conference at Halifax, NS

Mr. Don Stevenson, P.Eng. Director of marketing, York Division, Borg-Warner (Canada) Ltd. who spoke on the topic of heat pumps applicable for residential usage.

**May 11, 1982 N.B. Energy Secretariat**

All nominated officers elected by acclamation, for Board of Governors.

- Report on points awarded to Chapter Committees: Total points to date - 1299 Par 1600

Mr. John Williamson, Deputy Minister, N.B. Energy Secretariat, Province of New Brunswick, who gave an interesting talk on the various functions his department is involved with.

## **1982 -1983 President Gerry Forsythe**

### **September 1982 Annual Golf Tournament**

#### **November 9, 1982 Ice Thermal Storage**

Robin Craig introduced the ten guests present for this evening. Steve Tweedie introduced Jean Claude Charlebois as the guest speaker. Mr. Charlebois, of Baltimore Air Coil Aquavap Division in Montreal, spoke of ice thermal storage. The subject was of great interest to the audience, a fact evident by the good turnout.

#### **December 1, 1982 Scholarship**

Len MacDonald, Education Committee Chairman, presented a scholarship to Ken Vessard of the N.B.C.C

Bob MacPherson suggested organizing a history group to be composed of Jean Guy Bernard and Brian Hildreth.

#### **January 11, 1983 Variable Pitch Fans**

Richard Gallant stated that a product show is planned for October 1983 at the Delta Inn in Saint John as part of the ASHRAE/TES joint venture. He also mentioned that Terry Thompson would be the guest speaker at the March meeting which is to be held jointly with the APENB.

Mr. Vic Afanasieu, National Sales Manager of Woods Fans gave a very good presentation on variable pitch in motion fans.

#### **February 8, 1983 City of Moncton and ASHRAE**

In absence of a speaker, Bob MacPherson spoke on the positive aspects of the City of Moncton and the ASHRAE organization.

#### **March 8, 1983 Pt. Lepreau Nuclear Generating Station**

Steve Tweedie introduced the quest speaker, Dr. Terry Thompson, who gave a very informative presentation on the operation of the Pt. Lepreau nuclear generating station.

#### **April 15, 1983 Chateau Gai Wines**

The April meeting was held at Chateau Gai Wines in Scoudouc as it was held during an industrial visit.

A tour of the plant followed the general meeting and was conducted by A. Bourque, the manager of the plant. All aspects of the process of distillation of wines was explained by Mr. Bourque. Once the tour of the production, laboratory warehouse and offices was complete the members were given a sample of wine in the plant hospitality room.

### **May 10, 1983 Energy Recovery With Heat Wheels**

Terry Steeves moved that we appoint Dave Potter to represent the New Brunswick Chapter of ASHRAE on the committee for the Revitalization of the Moncton Downtown Area.

Steve Tweedie introduced the guest speaker, Jim Potter, Manager of Wing Coil of Canada, who spoke on energy recovery with heat wheels  
1983-1984 President Jean-Guy Bernard

### **September 22, 1983 Annual Golf Tournament**

The first meeting of 83/84 was held following the Annual Golf Tournament at Moncton Golf Club, Riverview, NB.

Prizes were presented to the Golf Tournament winners. Trophies were presented by C & E, Johnson Controls, and Scan Air Balance.

### **October 11, 1983 Water Source Heat Pumps**

Graham MacCormick introduced the guest speaker, Mr. Bud Pirrelo of Budco, who spoke on the subject of water source heat pumps

### **November 1, 1983 Bylaws**

This months meeting was held in the Manchester Room at the Delta Brunswick in Saint John, NB

The ASHRAE/IES showcase for 1983 will produce an approximate \$2,100 of a pro rated \$5,000 for the NB Chapter.

Bylaws were signed, dated and forwarded to Atlanta.

### **December 13, 1983 Air Leakage and Infiltration**

Richard Holt presented "Air Leakage and Infiltration", which was followed by an interesting discussion -

### **January 10, 1984 Fire Protection In Kitchen Exhaust Systems**

Mr. Ross MacLeod was introduced and gave a very interesting talk on Fire Protection in kitchen exhaust systems.

### **February 14, 1984 New Type Of Ice Making System**

Jean-Guy Bernard introduced the guest speaker, Vladimir Goldstein who gave an instructive and interesting presentation on a new type of ice making system which has practical applications in the Atlantic Provinces.

**March 13, 1984 EMR Programs**

Graham McCormick introduced Allan Miller of EMR who gave an interesting presentation of the various programs available from EMR.

**April 10, 1984 Control & Filtration of Welding Fumes**

This month's meeting was held at Cy's Restaurant in Moncton. Attendance was low due to a heavy snow storm.

Guest Speaker: Mr. Larson of TORIT Corp. was introduced by Les Reese he spoke on the topic of Control & Filtration of Welding Fumes

**May 8, 1984 Nomination Committee**

The Annual general meeting was held at Cy's Restaurant in Moncton.

Terry Steeves, of the nomination committee, read the nominations for the 84/85 executives.

**1984 – 1985 President Gary Blue****August 15, 1984 Annual Chapter Golf Tournament**

It was resolved that all committees should have a Vice Chairman as well as a Chairman to ensure continuity in the committees from year to year.

Committee Chairman to provide written reports, regardless of brevity or lack of new developments to report, to the president prior to each monthly meeting.

September 20, 1984

Meeting called to order by Gary Blue at the Moncton Golf & Country Club.

No speaker was present since the meeting was held in conjunction with the Annual Chapter Golf Tournament.

Prizes donated by local mechanical suppliers and contractors, were awarded to golfers.

**October 9, 1984 Screw Compressors**

J.G. Bernard introduced the guest speaker, Mr. John Andrews from Intercool Ltd. of Toronto, Ontario, who gave a presentation on screw compressors.

**November 13, 1984 Flow Measurement**

Robin Craig announced the guest speaker, Mr. Frank Delucca of Dretech Standard Annubar who spoke on the topic of Flow Measurement.

**December 11, 1984 R-2000 Homes**

Gary Blue read a letter of thanks from the New Brunswick Community College, Moncton Campus, with regard to the scholarship recently presented by the local chapter to a student at that institution.

Gary Blue introduced the guest speaker, Mr. Ken MacPhee of Atlantic Co-Op Housing, who spoke on the topic of R-2000 Homes.

Santa arrived with small gifts for all the wives in attendance.

### **January 15, 1985 No Speaker**

Matter of the Golf Tournament was discussed and a motion was made by Jean Guy Bernard to retain the golf tournament in September as well as having a regular monthly meeting in September and in June, as well as adding a guest speaker to the agenda for the Annual meeting in May. Motion was seconded by Terry Steeves and passed by a vote of the general membership in attendance. The guest speaker was unable to attend the meeting due to inclement weather.

### **February 12, 1985 Pulse Combustion**

Gary Blue introduced the guest speaker, Mr. Dominic Leraci of Lennox Industries who spoke on the topic of "Pulse Combustion".

### **March 12, 1985 Variable Speed Drives**

Kirk Bavis introduced the guest speaker, Mr. Steve Fecica of Rumble Equipment who gave a presentation on variable speed drives

### **May 7, 1985 Successful Thermal Storage Systems**

Gary Blue asked for a response for the idea of having a June Golf Tournament. Members were urged to attend the Halifax Golf Tournament. Gary Blue introduced the guest speaker Mr. Lloyd Algie who spoke on successful Thermal Storage Systems.

### **June 11, 1985 Chair Reports**

Dave Potter gave Resource Promotion report indicating that the objective for 1984/85 has been exceeded.

Robin Craig presented past president's pin and certificate of appreciation to Gary Blue. He also presented past president pins to Dave Potter (81-82) and Gerry Forsythe (82-83) since no such award was made in those years due to lack of funds.

## **1985-1986 President Robin Craig**

### **September 17, 1985 Computed Aided Design**

Robin Craig introduced John Hanusiak, NBCC, Moncton, who presented the "Computed Aided Design" (CAD) facilities of the NBCC Manufacturing Technology Center

For future reference it was noted that the following individuals have in their possession the following trophies related to the Golf Tournament:

BOAT RACE - GARY CLANCY

BEST OUT OF TOWN GOLFER - GERRY FORSYTHE

LOW GROSS - MALCOLM MacLELLAN

## LOW NET - BRIEN STOREY

### **October 8, 1985 Specifications Of Valves & Their Acceptance**

All members in attendance viewed a message from the Society President via video.

Steve Tweedie introduced guest speaker, Mr. Cullen Delory of Jenkins Canada. He discussed the changes in specifications of valves & their acceptance under MSS/ASME/ASMI and the NB Dept. of Labour.

### **November 12, 1985 Chairmen's Visit, The Intelligent Building**

Robin Craig introduced George Buckler, Reg II Chairman, who commented on general activities of ASHRAE Society and also congratulated the NB Chapter on their efforts & accomplishments. He introduced Dalton McIntyre, Program Chairman for Reg II, who commented on general activities of the Education Committee & congratulated Peter Biggar & Reno Levesque on their recent appointments. George Buckler then introduced Gary Brown, Reg II Program Chairman, who welcomed input from the Chapters regarding interests in guest speaker prospects.

Dave Cowan introduced the guest speaker, Bill Braun, Program Manager, Honeywell Ltd, who presented an interesting & objective discussion on Computers in the workplace and The Intelligent Building.

## **December 1986 CHRISTMAS PARTY**

### **January 15, 1986 Discussion On Refrigeration**

It was reported that MEET '86 had sold over 100 booths (past "break-even point"). Projected total booth sales are between 130 & 150 booths. More promotional material is being sent out - 30,000 PR mailings will be sent out shortly. Alyre Gallant introduced our guest speaker, Mr. Duncan Harvey, REFAC, who presented a well rounded discussion on refrigeration.

### **February 4, 1986 Low Intensity Infra-Red Heating Systems**

Gerry Waselynychuck introduced Ross Smith, President of Roberts Gordon, who discussed "Low Intensity Infra-Red Heating Systems"

### **March 11, 1986 How To Increase After Tax Income**

Reno Levesque reported that the Education Committee gave a presentation at NBCC, resulting in seven students paying membership with indications that the whole class may join.

Gary Blue reported that 17 new members have paid so far this year.

Gerry Waselynychuck introduced our guest speaker, Mr. Mike Schofield of Levesque Beaubien, who discussed ways of how to increase after tax income, RRSP's and other investments

**April 8, 1986 Downtown Redevelopment**

Robin Craig introduced guest speaker, Mr. Bill O'Toole, Resurgo Group, who revealed overall plans for continued downtown redevelopment in Moncton.

**May 6, 1986 MEET '86**

Robin Craig reported on the success of MEET '86. There were 2,000 visitors and NB Chapter anticipates between \$5000 - \$8000 in revenues. General comments were received by members.

**1987-1988 President Irwin MacDonald****September 3, 1987**

Meeting was held at Eastcan Consultants Board room.

**September 17, 1987**

A.S.H.R.A.E Annual Golf Tournament will be at the Moncton Golf & Country Club in Riverview, NB

Events: Boat Race, Bottle Draw, Putting Contest (19th hole) and Prizes for Best Golfer, Low Gross, Low Net, etc...

**October 14, 1987 Third Party Financing of Energy Retrofit Projects**

This months meeting was held at Cy's Seafood Restaurant, Moncton.

Guest Speaker: Mr. Kirk A. Bavis, President of Enerplan Consultants Ltd

Topic: "Third Party Financing of Energy Retrofit Projects"

**November 10, 1987 Sound And Vibration Control**

Meeting was at Cy's Restaurant, Moncton

Guest Speakers: Dr. Don Allen Ph. D., P. Eng., President of Vibron Ltd. will be talking on various aspects of sound and vibration control and trouble shooting.

Special Guest: Mr. George Buckler, Director & Regional Chairman for Region II

**December 1987 Past President Roast**

HO HO HO...TIS THE SEASON FOR A CHRISTMAS PARTY.

Place: Sneakers.

Main Event: Past President Roast

**January 12, 1988 Odyssey 86, South America to Alaska**

Meeting at Cy's Restaurant, Moncton

Guest Speaker: Garry Sowerby,

Topic: Odyssey 86, South America to Alaska.

**February 9, 1988 Underground Storage Tanks**

Meeting at Cy's Seafood Restaurant, Moncton.

The guest speaker Dr. James Shatner gave us an interesting talk on underground storage tanks.

### **March 8, 1988**

Meeting held at Cy's Seafood Restaurant, Moncton.

Guest Speaker: Mr. James Shatner Provincial Government Petroleum Management Section.

Topic: New Regulations with Regards to Underground Fuel Storage Tanks.

### **April 12, 1988 Custom Built HVAC System**

The meeting for this month was held at Cy's Seafood Restaurant in Moncton.

Guest Speaker: Jim Moer

Topic: Custom Built HVAC System

### **May 10, 1988 Election And Installation Of Officers**

Meeting place was at Cy's Restaurant

This months Guest Speakers slot was used for election and installation of officers.

## **1988-1989 President Gerry Waselynychuck**

### ***EXECUTIVE:***

President Elect:	Rino Levesque
Secretary:	Peter Biggar
Treasurer:	Gary Fahie
Past President:	Irwin MacDonald

### ***BOARD OF GOVERNORS:***

Bob Smith  
Prank Akerley  
Alan Miller  
Alyre Gallant  
Brien Storey  
Derrick Palmer  
Irwin MacDonald

### **September 15, 1988 ASHRAE Golf Tournament**

.Meeting place Cy's Restaurant in Moncton, NB.

### **October 11, 1989 Duct Borne Noises**

Cy's Restaurant, Moncton. The guest speaker was Dr. Don Allen, President of Vibron. He spoke on Engineering Solutions to Duct Borne Noises.

Winners of the Golf Tournament were:

Low Gross: Gary Clancy

Low Net: Rino Levesque  
Putting Contest: Don Johnson  
Boat Race (NB again): Bob Smith  
Gerry Waselynychuck  
Rod Collins  
Emile LeBlanc

### **November 1988 Investment Opportunities**

The meeting place for this month was held at Cy's Seafood Restaurant in Moncton. The guest speaker was Mike Schofield, Manager of Levesque Beaubien Inc. in Moncton, NB. His topic was about Investment Opportunities.

### **December 19, 1988 CHRISTMAS PARTY**

This year it was held at the Riverboat Restaurant, Magnetic Hill, Moncton

### **January 11, 1989 Trends in Laboratory HVAC Systems**

Cy's Seafood Restaurant was the meeting place this month. Our guest speaker was Stephen Campbell speaking on the proposed Moncton Arts Center. In addition, we will feature a video on "Trends in Laboratory HVAC Systems" which will include:

- Space Pressurization of Laboratories Air Flow Control.

- A User's Perspective of Laboratory HVAC Systems.

- The Performance Characteristics of a Working Facility.

### **February, 1989 Energy Efficient Crustacean Cooker**

Meeting place was at Cy's Restaurant in Moncton. The guest speaker was Jean-Guy Bernard from the Moncton office of Energy Mines and Resources Canada. He spoke on The Energy Efficient Crustacean (Lobster, Crab) Cooker.

### **March 21, 1989 CFC's and New Refrigerants**

This month's meeting was held at Cy's Restaurant in Moncton. The guest speaker was John Smale from Dupont Canada. His topic was CFC's and New Refrigerants.

### **April 11, 1989 Energy And Technical Affairs**

This month's meeting was at Cy's Seafood Restaurant in Moncton, NB. Norman Johnson gave a talk on the overall regional activities. Jean-Guy Lahie (Regional Vice-chairman) spoke on energy and technical affairs.

## **May 9, 1989 Election And Installation Of Officers**

The meeting place was at Cy's Restaurant in Moncton.

This month's guest speaker slot was used for the election and installation of officers.

Peter Boyd-Brown of the NS Chapter has challenged the "NB Wimps" to participate in their NS ASHRAE Golf Tournament to prove superiority over the boat race.

## **1989 -1990 President Rino Levesque**

### ***EXECUTIVE:***

President Elect:	Gary Fahie
Treasurer:	Brien Storey
Secretary:	Gary Fahie
Vice President:	
Newsletter Editor:	Brien Storey
Historian:	Gary Blue
Membership:	Gary Blue
Programs:	Gary Hoadley
TEGA:	Irwin MacDonald
Student Activities:	Brien Storey
Refrigeration:	Alyre Gallant
Resource:	Gerry Waselynychuk
MEET Chairman:	Gary Fahie
Education:	Graham Fawcett
Reception:	Emile Leblanc

### ***Board of Governors***

Alyre Gallant  
Gerry Waselynychuk  
Derrick Palmer  
Rod Collins  
Andy Cowan  
Bill Goobie

## **September 1989 ANNUAL GOLF TOURNAMENT**

### **October 10, 1989 Peticodiac River System**

This month the meeting was held at Judson's Restaurant in Moncton.

The guest speaker was Gary Griffen of the New Brunswick Wildlife Federation.

He spoke on the Socio-Economic Impact of a Restored Peticodiac River System in the Moncton Area.

### **November 14, 1989 Research Center for Energy, U de M**

Meeting place this month was at Judson' S Restaurant in Moncton.

Our General Meeting will consist of a tour of the Research Center for Energy Conversion at the University of Moncton. The tour will be conducted by Dr. Samuel Sami.

### **November 25, 1989 CHRISTMAS PARTY**

Riverboat Restaurant, Magnetic Hill, Moncton, NB

### **January 9, 1990 Integrated Comfort Systems**

Meeting place was at Judson's Restaurant in Moncton.

The guest speaker was Bob Clements of the Trane Company of Canada. He gave a presentation on Integrated Comfort Systems for the Modern Building.

### **February 13, 1990 Industrial Ventilation**

Judson's Restaurant was the location for this months meeting.

Our guest speaker was Keith Murfin of Flakt Ross Inc. He will be giving a presentation on Industrial Ventilation.

### **March 13, 1990 Insulation Types**

Judson's Restaurant was the location for this month's meeting.

The guest speaker was A.S. Piggin, P.Eng. of Manson Insulation Inc.

His topics were:

- Insulation Types
- General Thermal & Physical Properties
- Selection and Limitations
- Specifications and Standards

### **March 24, 1990 ASHRAE CURLING DAY**

Moncton Curlers Association Ltd. Moncton, NB

### **April 10, 1990 ASHRAE Sponsored Trip to China**

This months meeting was held at Judson's Restaurant in Moncton.

The guest speaker was Bob Morris of Madok Manufacturing Ltd, He and his wife will give a slide presentation on their ASHRAE Sponsored Trip to China in 1986.

Bob Morris of Region II spoke on local members becoming more involved in Society and the possibility of nominating local members to Region II positions.

MEET '90 Chairman Gary Fahie asked for volunteers to man the ASHRAE Booth at MEET '90 May 23 & 24/90. Gary advised members that at this point the show appears to be a tremendous success with approximately 230 booths rented.

### **May 8, 1990 Resource Promotion**

- This month's meeting was held at Judson's Restaurant in Moncton. Gary Scott, the Vice Chairman of Resource Promotion of Region II attended.

**May 26, 1990 LOBSTER PARTY****LOBSTER PARTY & DANCE**

Cocagne Marina. Boat ride and dance with D.J.

**1990 -1991 President Gary Fahie*****EXECUTIVE:***

President Elect:	Brien Storey
Treasurer:	Rod Collins
Secretary:	Alyre Gallant
Vice President:	Derek Palmer
Newsletter Editor:	
Historian:	
Membership:	
Programs:	
TEGA:	Gerry Waselynychuk
Student Activities	
Refrigeration	
Resource	
Education:	Graham Fawcett
Reception	

***Board of Governors***

Rino Levesque  
 Alex Coles  
 Don Johnson  
 Paul Stockton  
 Bill Goobie  
 Andy Cowan  
 Kevin Wynn  
 Graham Fawcett

**September 5, 1990 ANNUAL ASHRAE GOLF TOURNAMENT**

Maplewood Golf & Country Club

**October 9, 1990 GEO Thermal Energy**

The meeting this month was held at Judson's Restaurant in Moncton.

• Mr. Ralph Ross, Director of all Saints Hospital in Springhill NS was the speaker for this months meeting. He spoke on GEO Thermal Energy from old coal mines in Springhill.

**November 20, 1990 Air Filtration**

The meeting was held at Judson's Restaurant.

- The speaker Mr. Bill Fraser of Snyder General Corp. gave a slide presentation on Air Filtration.

Mr. John Bisset Regional Vice-Chairman of Education Chapter Program ASHRAE Region II and Mr. Norm Johnson Regional Chairman of Region II were the special guests.

**December 1, 1990 CHRISTMAS PARTY**

CHRISTMAS PARTY at Judson's Restaurant.

**January 8, 1991 The World of Energy and Alternate Fuels**

The meeting was at Judson's Restaurant in Moncton.

The speaker for this night was Energy committee chairman Gerry Waselynychuk.

He gave a video presentation on The World of Energy and Alternate Fuels.

President Gary Fahie presented past president pin to Rino Levesque.

**February 12, 1991 Mini Split Air Conditioners**

Meeting was held at Judson's Restaurant.

The guest speaker Mr. Louis St. Laurent, Vice President of Master Air Conditioning spoke on "Mini Split Air Conditioners" -

This month's meeting was also "member get a member" night.

**March 12, 1991 Changing Environmental and Plumbing Market**

Meeting was held at Judson's Restaurant.

The guest speaker Mr. John Emberson, President of Enpoco Plumbing Products topic was, Innovations, Applications and New Products Available for the Changing Environmental and Plumbing Drainage Market.

**April 9, 1991 Moosehead Breweries**

Meeting was held at Moosehead Breweries in "The Alpine Room" in Saint John, NB.

**May 1991 Scholarships**

NOTE: Scholarship to U de M for \$700.00 and UNB for \$11,000.00 were issued.

**June 1, 1991 ASHRAE LOBSTER PARTY**

Location: Cocagne Marina.

Activities included Boat Ride, Lobster supper and dance with a D.J.

## 1991-1992 President Brien Storey



**REGIONAL EXECUTIVE ELECTED** — Members of the American Society of Heating, Refrigerating, and Air-Conditioning Engineers Inc. recently elected a new regional executive. From left are: (back): Andrew Cowan, treasurer; Alyre Gallant, vice-president; Derrick Palmer, president elect; and Rod Collins, secretary; (front) Gary Fahie, past president and Brien Storey, president.

**June 1991  
Officers for 91-92**

### **EXECUTIVE:**

President Elect:	Derek Palmer
Treasurer:	Andy Cowan
Secretary:	Rod Collins
Vice President:	Alyre Gallant
Newsletter Editor:	Lee MacLeod
Historian:	Rod Collins
Membership:	Irwin MacDonald
Programs:	
TEGA:	Gerry Waselynychuk
Student Activities	
Refrigeration:	Alyre Gallant
Resource:	Gary Fahie
MEET Chairman:	Gary Fahie
Education:	Graham Fawcett

Reception: Emile Leblanc

### ***Board of Governors***

Gary Fahie  
Bruce Slemin  
Lee MacLeod  
Paul Stockton  
Claude Gallant  
Graham Fawcett

### **UPCOMING DATES**

OCT.13/92 Educational Activities (Student night)

NOV.10/92 Membership Promotion Night

FEB. 9/93 Resource Promotion Night

MAR.9/93 Refrigeration Night

APR. 13/93 Technical, Energy & Gov. Affairs

JUN. 8/93 Installation of Officers/Companion Night

### **October 8, 1991 Industrial Area Humidification Applications**

The meeting was held at Judson's Restaurant.

The guest speaker Andy Olcott of The Herrmidifier Co. Ltd. Spoke on the following topics:

- Microprocessor control

- Industrial Area Humidification Applications

- HVAC duct atomizing systems advantages and Disadvantages

- Steam Humidifiers

### **November 12, 1991 Advanced Microprocessor Control**

The meeting this month was held at Judson's Restaurant.

The guest speaker James Marquette, Sales Manger of M & M Refrigeration, Inc. spoke on "Advanced Microprocessor Control for Industrial Refrigeration Systems".

### **January 14, 1992 RESOURCE PROMOTION NIGHT:**

Judson's Restaurant was the location for this months meeting. Our January meeting has been designated "Chapter Resource Promotion Night" & is the Kick-Off to our Chapters '91-'92 Campaign.

It is also intended to be a night of recognition and appreciation for all those contributors, both personal and corporate.

The guest speaker Roy Bourque, Operations Manager of Environment Air Ltd. spoke on "Residential and Light Commercial Ventilation Systems Relating The Heat Exchangers Involvement over The Past 15 years.

### **February 11, 1992 Petroleum Tanks**

This month's meeting was held at Judson's Restaurant in Moncton. The guest speaker Mr. John K. Lockwood from MFM Industries spoke about Petroleum Tanks.

### **March 10, 1992 Centrifugal Chillers and New Refrigerants**

The meeting this month was held at Judson's Restaurant. The speaker Bill Dietrich of Snyder General Corporation spoke about Centrifugal Chillers and New Refrigerants.

### **April 14, 1992 Fan Powered Terminal Units**

Judson's Restaurant was the location for this month's meeting. Mr. Alf Dyck from E.H. Price spoke on Fan Powered Terminals.

### **May 12, 1992 New Refrigerants**

This month's meeting was held at The House Of Chan in Saint John, NB. The guest speaker Mr. Laurence White from CMS spoke on New Refrigerants, Implications on Existing Refrigeration Equipment, and what can be expected in the Future

### **June 9, 1992 Life in Singapore**

This month's meeting was held at Judson's Restaurant in Moncton. The speaker Mr. Crawford Brewer spoke about life in Singapore.

## **1992-1993 President Brian Storey**

### ***EXECUTIVE:***

President Elect:	Alyre Gallant
Treasurer:	Andy Cowan
Secretary:	Paul Stockton
Vice President:	Rod Collins
Newsletter Editor:	Gary Fahie
Historian:	Rod Collins
Membership:	Gerry Waselynychuk
Programs:	Gary Hoadley
TEGA:	Steve Mailman
Student Activities:	
Refrigeration:	Dennis Sears
Resource:	Derek Palmer
Education:	Graham Fawcett
Reception:	Emile Leblanc

**Board of Governors**

Gary Fahie  
Gerry Waselynychuk  
Bill Goobie  
Paul Stockton  
Claude Gallant  
Lee MacLeod

**THE EAGLE HAS LANDED!**

The 1992 edition of the NE/PEI Chapter ASHRAE Golf Tournament at Pine Needles was very successful. The "best ball" format was chosen by this year's participants, and judging from the response, this format could very well become the "new technology" in NB/PEI ASHRAE golf history.

The fearless foursome of Andy Cowan, Peter Storey, John Touesnard and Roger Leger emerged the victors with a 1-under-par performance highlighted by an eagle on Number 17. Congratulations guys, for a great game!

After so much fresh air and exercise, some 28 members gratefully retired to Vito's for food and libation, and to swap lies about the great shots they almost made!

**October 13, 1992 Student Night**

The 1992-93 ASHRAE year has begun, members met at Fisherman's Paradise. The October meeting was designated as "Student Night".

**November 24, 1992 NB/PEI Fixed Linked Project**

Meeting place: Fisherman's Paradise, Dieppe

Guest Speaker: Jim Feltham, Public Works Canada

Topic: NB/PEI Fixed Linked Project.

This night was also Membership Promotion Night. Mr. John Dugan, Membership Promotion Chairman, Region II, joined us from Ontario.

**December 11, 1992 CHRISTMAS PARTY**

CHRISTMAS PARTY Crystal Palace Hotel, Dieppe

Buffet Dinner Includes:

Hip of Beef Seafood Casserole

Cold Meats Salads

Hot Vegetables Dessert \$30 / person

**February 9, 1993 NE/PEI ASHRAE Scholarship**

This month's meeting was held at Fisherman's Paradise, Dieppe.

We are pleased to congratulate the recipient of the NE/PEI ASHRAE Scholarship Fund for 1992/93:

Alain Guellet

316 Shediac Road  
Moncton, NB

### **March 9, 1993 New Non-CFC Refrigerants**

Meeting place: Fisherman's Paradise, Dieppe

Guest Speaker: Dr. Samuel Sami, P. Eng.

His presentation included his research on new non-CFC refrigerants, enhanced heat exchangers and a discussion on prototype heat pumps using new refrigerant blends.

### **April 13 1993 Technical, Energy & Governmental Affairs**

Meeting place: Fisherman's Paradise

Guest Speaker: Lawrence White 3 Degree Refrigeration

Topic: Technical, Energy & Governmental Affairs

Mr. White made a presentation on the new refrigerants for the 90's and associated lubricants.

### **May 11, 1993 Greystone Energy Systems**

Fisherman's Paradise was the location for this month's meeting.

Our program this month is a tour of Greystone Energy Systems' manufacturing facility. Greystone manufactures and supplies electronic components for the HVAC industry, and Bill Robblee and his staff are a Moncton success story!

Our visit included explanation and discussion of the ISO 9000 standards, types of products manufactured and the various production methods and equipment used in the manufacturing process!

### **June 26, 1993 Chapters 20th Anniversary Party**

Annual Meeting / Historian Night / Chapters 20th Anniversary Party.

Surf n' Turf - Dancing - Live Band

40 people participated in the revelry with the majority of the past presidents who were in attendance. Photos were taken and gifts were given to our beloved companions. It was one hell of a night. We are all looking forward to another successful 20 years.

## **1993-1994 President Alyre Gallant**

### ***EXECUTIVE***

President Elect:	Rod Collins
Treasurer:	Stephen Tweedie
Secretary:	Bob Thibault
Vice President:	Paul Stockton
Newsletter Editor:	Bob Thibault
Historian:	Rod Collins
Membership:	Gerry Waselynychuk

Programs:	Jean-Guy Hebert
TEGA:	Paul Stockton
Student Activities:	Graham Fawcett
Refrigeration:	Basil Kiley
Resource:	Brien Storey
Education:	Graham Fawcett
Reception:	Emile Leblanc

### ***Board of Governors***

Andy Cowan  
Basil Kiley  
Jean-Guy Hebert  
Peter Storey  
Claude Gallant

### **Passing Robert McPherson**

Robert McPherson passed away on September 5, 1993. Robert was a past chapter president and devoted many years to the HVAC industry in the Maritimes. He was president of Digicon Technologies Ltd. He was active in minor hockey and many other community groups. His presence is missed.

### **September 10, 1993 Annual Golf Tournament**

Held at Pine Needles Golf Club. Supper at Fat Tuesdays. Winning team of 70 was Bill Oakes, Andy Cowan, Mike Gillis, Irwin MacDonald. In second place with 71 was Team Honeywell.

### **September 10, 1993 Region II CRC - Ville de Quebec**

The chapter was represented by:

Alyre Gallant	Delegate
Rod Collins	Alternate
Brien Storey	Resource Promotion
Paul Stockton	T.E.G.A.
Stephen Tweedie	Education
Gerry Waselynychuk	Membership
Basil Kiley	Refrigeration
Gary Fahie	Historian

### **October 12, 1993 Education Night - Bill Stroud, NBCC Saint John**

Held at Fisherman's Paradise Dieppe. The guest speaker was Bill Stroud, an instructor with NBCC Saint John.

### **November 9, 1993 Membership Promotion - Radiant Heating**

Held at Fisherman's Paradise Dieppe. The guest speaker was Geoff Adair of Engineered Air in Vancouver. He spoke about radiant heating.

**December 6, 1993 Annual Christmas Party**

Held at the Leisure World Banquet Room and catered by Super Chef. I was organized by Jackie Fahie and attended by 46 members and spouses..

**January 11, 1994 Past Presidents/Historical Night - Sewage Treatment Facility**

Held at Fisherman's Paradise Dieppe. There was short presentation by Historian Rod Collins. Norm Johnson, the Region II Membership Chairman discussed membership activities. The technical presentation was the new Greater Moncton Sewage Treatment Facility by Bruce Buchanan of Touchie Engineering.

**February 8, 1994 Resource Promotion - Sick Building Syndrome**

Held at Fisherman's Paradise Dieppe. There was a short presentation by Brien Storey on Resource Promotion. Dalton McIntyre, Region II Chairman was in attendance. Tony Chase of AAF/Snyder General Canada spoke on recent developments in air filtration that help combat sick building syndrome.

**March 8, 1994 Refrigeration Night - Floating Head for Energy Savings**

Held at Fisherman's Paradise Dieppe. Guy Dolbec of The Master Group Ltd gave the technical presentation. Guy spoke about "Floating Head in Refrigeration Systems for Energy Savings."

**April 12, 1994 TEGA - Belledune Generating Station**

A tour of the Belledune Generating Station was held for at least 10 members. There was a thorough tour of the coal fired generating plant followed by dinner in Bathurst.

**May 11, 1994 - MEET and Student Branch Charter**

The MEET '94 trade show (Mechanical Electrical Electronic Technology) was held May 11-12 at the Moncton Coliseum. It was co-sponsored by the NB-PEI Chapter of ASHRAE. ASHRAE Region II Chair Mr. T.W. McDonald, from the University of Windsor, attended the chapter meeting. Mr. McDonald presented New Brunswick Community College - Saint John with their ASHRAE Student Branch Chapter.

**June 14, 1994 Companions Night, Installation of Officers****1994-1995 President Rod Collins*****EXECUTIVE***

President Elect:	Paul Stockton
Treasurer:	John Allison
Secretary:	Bob Thibault
Vice President:	Stephen Tweedie

Newsletter Editor:  
Historian:  
Membership:  
Programs:  
TEGA:  
Student Activities:  
Refrigeration:  
Resource:  
MEET Chairman:  
Education:  
Reception:

***Board of Governors***

Andy Cowan  
Bill Goobie  
Bruce Slemin  
Peter Storey  
Don Johnson

September 1994

October 1994

November 1994

December 1994

January 1995

February 1995

March 1995

April 1995

May 1995

June 1995

**1995-1996 President Paul Stockton**

***EXECUTIVE***

President Elect:     Stephen Tweedie

Treasurer:  
Secretary:  
Vice President:  
Newsletter Editor:  
Historian:  
Membership:  
Programs:  
TEGA:  
Student Activities:  
Refrigeration:  
Resource:  
MEET Chairman:  
Education:  
Reception:  
WebSite:

### ***Board of Governors***

September 1995

October 1995

November 1995

December 1995

January 1996

February 1996

March 1996

April 1996

May 1996

June 1996

### **1996-1997 President Stephen Tweedie**

#### ***EXECUTIVE***

President Elect:	Bill Goobie
Treasurer:	Andy Cowan
Secretary:	William Hooper

Vice President: Terry Steeves  
Newsletter Editor:  
Historian: Dave Cowan, Richard Gallant  
Membership: Gerry Waselynychuk  
Programs: Jeff Hayward  
TEGA: William Hooper  
Student Activities: Philip Allison  
Refrigeration:  
Resource: Paul Stockton  
MEET Chairman:  
Education:  
Reception:

### ***Board of Governors***

Grant Bourque  
Gary Leblanc  
Travis Lutes  
Philip Allison  
Carman Travis  
Bill Goobie

September 1996

October 1996

November 1996

December 1996

January 1997

February 1997

March 1997

April 1997

May 1997

June 1997

## **1997-1998 President Bill Goobie**

### ***EXECUTIVE***

President Elect: Bill Hooper

Treasurer:  
Secretary:  
Vice President:  
Newsletter Editor:  
Historian:  
Membership:  
Programs:  
TEGA:  
Student Activities:  
Refrigeration:  
Resource:  
MEET Chairman:  
Education:  
Reception:  
WebSite:

### ***Board of Governors***

#### **September 9, 1997 Chapter 25<sup>th</sup> Anniversary Party**

Party at Cocagne Marina

#### **October 14, 1997 Energy Night**

#### **November 4, 1997 Radiant Floor Heating**

Resource promotion night. Topic: Radiant Floor Heating, Speaker: Hydro-Mechanical

#### **December 1997 Christmas Party**

Boomerangs Steak House. Guest Santa Claus

#### **January 13, 1998 Specifying EMCS Systems**

Past Presidents Night

Topic: ASHRAE Standard for specifying EMCS systems by standard committee member.

#### **February 10, 1998 Advanced Pumping Applications**

TEGA Night. Topic: Advanced Pumping Applications  
Speaker: ITT Fluid Products Canada

#### **March 10, 1998 Chilled Water Plant Controls**

Topic: Chilled Water Plant Controls, Speaker: Trane

#### **April 14, 1998 Absorption Refrigeration**

Refrigeration night. Topic: Absorption Refrigeration  
Speaker: York International

## **May 12, 1998 Education Night**

Technical tour in Saint John NB.

Host: Student Chapter

## **June 1998 Installation of Officers**

## **1998-1999 President William Hooper**

### ***EXECUTIVE***

President Elect:	Jeff Hayward
Treasurer:	Derek Weldon
Secretary:	Luc Dugas
Vice President:	Gerry Waselynychuk
Newsletter Editor:	Luc Dugas
Historian:	Bill Goobie
Membership:	Gerry Waselynychuk
Programs:	Carman Travis
TEGA:	William Hooper
Student Activities:	Philip Allison
Refrigeration:	
Resource:	Stephen Tweedie
MEET Chairman:	
Education:	

### ***Board of Governors***

Grant Bourque  
Gary Leblanc  
Travis Lutes  
Philip Allison  
Carman Travis  
Bill Goobie

September 1998

October 1998

November 1998

December 1998

January 1999

February 1999

March 1999

April 1999

May 1999

June 1999

## **1999-2000 President Jeff Hayward**

### ***EXECUTIVE***

President Elect:	Luc Dugas
Treasurer:	Derek Weldon
Secretary:	Gary Leblanc
Vice President:	Bill Goobie
Newsletter Editor:	Luc Dugas
Historian:	
Membership:	Ken Martin
Programs:	Carman Travis
TEGA:	Carman Travis
Student Activities:	Philip Allison
Refrigeration:	
Resource:	William Hooper
MEET Chairman:	
Education:	

### ***Board of Governors***

William Hooper  
Grant Bourque  
Ken Martin

**September 30, 1999 Annual Golf Tournament**

Annual Golf Tournament. Maplewood Golf and Country Club. Meal at Elks Club.

**October 19, 1999 Hydronic Component Operation**

Resource Promotion night. Hydronic System Components and Their Proper Operation. Speaker Phil Searle, ITT Fluid Products Canada.

**November 9, 1999 Gas Phase Filtration**

Past presidents night. Gas Phase Filtration, speaker: Circulaire

**December 1999 Christmas**

Christmas. Speaker: Santa Claus

**January 11, 2000 TEGA Night****February 8, 2000 TEGA Night****February 26, 2000 Curling Funspiel****March 14, 2000 Membership Night****April 11, 2000 Refrigeration Night**

Speaker: ITT Fluid Products Canada.

**May 11, 2000 Education Night**

Technical tour. Host Saint John Student Chapter.

**June 2000 Installation of Officers**

Installation of Officers. Social and History Night

**2000-2001 President Luc Dugas*****EXECUTIVE***

President Elect: Derek Weldon  
Treasurer:  
Secretary:  
Vice President:  
Newsletter Editor:  
Historian:  
Membership:  
Programs:  
TEGA:  
Student Activities:

Refrigeration:  
 Resource:  
 MEET Chairman:  
 Education:

### ***Board of Governors***

#### **2001-2002 President Derek Weldon**

President Elect:	Grant Bourque
Treasurer:	Grant Bourque
Secretary:	Mike Gillis
Vice President:	Luc Dugas
Newsletter Editor:	Corey Hayes
Historian:	
Membership:	Ken Martin
Programs:	Scott Donnelly
TEGA:	Carman Travis
Student Activities:	Doug Scott
Refrigeration:	
Resource:	Luc Dugas
MEET Chairman:	
Education:	
Reception:	
WebSite:	

### ***Board of Governors***

Chuck Edwards  
 Jeff Hayward  
 Bill Goobie  
 William Hooper

#### **September 13, 2001 Golf Tournament**

Golf Tournament. Meal at Elk's Club

#### **October 2001 Backflow Prevention**

Backflow Prevention. Speaker: Reg Leblanc, City of Moncton

#### **November 2001 Sewage Treatment**

Donor recognition night. Tour of Greater Moncton Sewage Treatment Facility.

#### **December 2001**

Executive meeting only.

#### **January 2002 Enercan**

Refrigeration night. Speaker Michelle Lamangue from Enercan.

**February 12, 2002 Energy Policy**

TEGA night. Speaker: Don Burnett on energy policy.

**March 2, 2002 Curling Funspiel****April 16, 2002 Deregulation**

Past presidents night. Speaker Carol Marriot on deregulation.

**May 14, 2002 Student Night**

Tour and meeting hosted by student chapter in Saint John.

**June 2002**

Executive meeting only.

Meeting attendance was low this year, possibly due to Holiday Inn Express as a venue. Next years meetings will be held at Boomerangs.

**2002-2003 President Grant Bourque*****EXECUTIVE***

President Elect:	Luc Dugas
Treasurer:	Chuck Edwards
Secretary:	Mike Gillis
Vice President:	Derek Weldon
Newsletter Editor:	Corey Hayes
Historian:	Camille Chevarie
Membership:	Ken Martin
Programs:	Scott Donnelly
TEGA:	Carman Travis
Student Activities:	Doug Scott
Refrigeration:	
Resource:	Derek Weldon
MEET Chairman:	
Education:	
Reception:	
WebSite:	Bill Hooper

***Board of Governors***

Camille Chevarie  
Doug Briggs  
Wally Reardon

**September 2002 Golf Tournament**

Maplewood Golf and Country Club, Elks Club

**October 8, 2002 High Velocity Systems**

Resource Promotion night. High Velocity Systems

**November 12, 2002 Security Chimney**

Membership night. Speaker Selkirk on Security Chimney. On November 1<sup>st</sup>, 2002, a scholarship was awarded to Jeffery Shaw. Jeffery is a student in Mechanical Technology, Buildings, Environment and Energy Option at NBCC Saint John.

**December 10, 2002 Moncton Airport**

Speaker: SGE Group hosts tour of the new Moncton International Airport.

**January 14, 2003 Infloor Heating**

Past president's night. Speaker: Hydromechanical sales on Infloor Heating.

**February 11, 2003 BACNet**

Speaker: Alerton on BACNet Controls

**March 11, 2003 Natural Gas**

TEGA night. Natural Gas / Safety Code Services presented by Enbridge Gas.

**April 15, 2003 Membership Night**

Distinguished speaker.

**May 13, 2003 NBCC Saint John**

Technical tour hosted by Saint John Student Chapter

**June 10, 2003 Pumping Strategies**

Installation of officers. Topic: Pumping Strategies presented by ITT Fluid Products.

**2003-2004 President Luc Dugas*****EXECUTIVE***

President Elect:	Chuck Edwards
Treasurer:	Camille Chevarie
Secretary:	Mike Gillis
Vice President:	Grant Bourque
Newsletter Editor:	Frédéric Desjardins
Historian:	Grant Bourque
Membership:	Ken Martin
Programs:	Dwight Scott
TEGA:	Carman Travis

Student Activities: Doug Scott  
Refrigeration:  
Resource: Wally Reardon  
MEET Chairman:  
Education:  
Reception:  
WebSite: Bill Hooper

### ***Board of Governors***

Scott Donnelly  
Dwayne Acton  
Frédéric Desjardins

### **September 2003 Golf Tournament**

Location: Price Edward Island

### **October 14, 2003 ASRAE Research Project**

Dr Reddy (ASHRAE Research Project) and Jim Moar from Enertrak.

### **November 18, 2003 Condensing Boilers**

Speaker: Daron Thomas from Thomas Industrial Sales presented

### **December 8, 2003 Pump House Brewery**

There was a brewery tour followed by a past presidents night at the Pump House Brewery restaurant.

### **January 13, 2004 Fiberglas HVAC Insulation**

Glenn A. Brower, Vice President of R & D at Knauf Insulation presented  
*Fiberglas HVAC Insulation – One of the Keys to a "Well Building"*

### **February 10, 2004 Green Buildings**

Richard Williams from HOK Architects presented on green buildings. The discussion reviewed the concepts of sustainable design in the building industry. The discussion reviewed Green Buildings and the LEED program.

### **March 9, 2004 Tim Horton's 4-Ice Center**

Bill Schurman guided a tour of the new Tim Horton's 4-Ice center. We toured the ammonia refrigeration plant and the HVAC system as well as the gas powered snow melting pit.

### **April 13, 2004 Water Treatment in HVAC**

Speaker: Patrick Dollimore from Ashland, Drew Division presented Water Treatment in HVAC systems.

**May 11, 2004 Student Chapter Meeting**

Meeting held in Saint John.

**June 8, 2004 Asbestos Removal**

Asbestos Removal presented by Dave Williamson of Donalco Atlantic.

**Scholarship**

The 2004 Emile R. Leblanc Memorial Scholarship of \$1000 was awarded to Scott Mallais, son of chapter member Bill Mallais.

**2004-2005 President Charles Edwards*****EXECUTIVE***

President Elect:	Ken Martin
Treasurer:	Camille Chevarie
Secretary:	Carman Travis
Vice President:	Luc Dugas
Newsletter Editor:	Frédéric Desjardins
Historian:	Grant Bourque
Membership:	Ken Martin
Programs:	Dwight Scott
TEGA:	Ken Martin
Student Activities:	Doug Scott
Refrigeration:	
Resource:	
MEET Chairman:	
Education:	
Reception:	
WebSite:	Frédéric Desjardins

***Board of Governors***

Michael Gillis  
Andy Cowan  
Damien Monk  
Daniel Goulet

**September 9, 2004 Annual Golf Tournament**

Maplewood Golf and Country Club hosted this event.

**October 19, 2004 Wireless Controls**

Hosted by Saint John student chapter. Tour of Harbour Station and presentation of ASHRAE Life Member to Ken Elliot.

**November 9, 2004 Fan Testing and System Effect**

Resource promotion night. Fan Testing and System Effect presented by Loren Cook and Ron Michael.

**December 14, 2004 Past Presidents and Donor Recognition**

Tour of Majesta personal care plant.

**January 11, 2005 YMCA Tour**

Membership Night and tour of the new YMCA facilities by Mike Gillis and the facilities manager.

**February 8, 2005 Technology Transfer Night**

Commissioning and Troubleshooting of Building Systems by Bill MacGowan from Delta Controls

**February 26, 2005 Curling Funspiel**

Joint social activity with APEGNB Moncton Branch.

**March 8, 2005 Refrigeration Night**

Tour of UNB Central Heating Plant with new natural gas-fired boiler. The tour was conducted by Gary Hoadley, designer and Mike Bujold UNBs Energy Coordinator. The burner design selected for this boiler allows a large turndown ratio (1:15) and low NOx emissions. The Heating plant has extensive automation and remote access.

There was a presentation by student Ryan Munro of HVAC lab apparatus that was financed by an ASHRAE Research Grant.

**April 5, 2005 Membership Night**

Mr. Julian de Bullet, Director of Industry Operations for McQuay International made a presentation on current state of air conditioning systems,

**May 10, 2005 Resource Promotion Night**

Tom Paige, Applications Engineer for Kinetics Noise Control, Inc from their Vibron Products Group, presented *Sound and Vibration Attenuation*.

The presentation traced the steps needed to successfully complete the HVAC and noise control parts of a typical building project.

**Scholarship**

The 2005 Emile R. Leblanc Memorial Scholarship of \$1000 was awarded to Scott Mallais. He is attending the Université de Moncton and is enrolled in the physics program.

## **June 14, 2005 District Heating**

Brian W. Thomas from Delta Piping Products Canada Inc. presented District Heating and various piping products that are available to

## **2005-2006 President Ken Martin**

### ***EXECUTIVE***

President Elect:	Frédéric Desjardins
Treasurer:	Dan Boudreau
Secretary:	Daniel Goulet
Vice President:	Charles Edwards
Newsletter Editor:	Dan Boudreau
Historian:	John Willden
Membership:	Grant Bourque
Programs:	Dwight Scott
TEGA:	
Student Activities:	Doug Scott
Refrigeration:	
Resource:	Charles Edwards
MEET Chairman:	
WebSite:	Kevin Clannon

### ***Board of Governors***

Michael Gillis  
 Andy Cowan  
 Damien Monk  
 Scott Wade

## **September 12, 2005 Power Generation Future in New Brunswick**

The Honourable Bruce Fitch, MLA and Minister of Energy presented *The future of Power Generation Future in New Brunswick*. He discussed the impact of rising oil prices and the governments new Energy Efficiency Corporation.

## **October 18, 2005 Integrated HVAC/Refrigeration**

Roger Talotis of Ice Kube Systems presented *Integrated HVAC/Refrigeration Systems in Ice Arenas*. He outlined important contributors to energy efficiency in ice rinks and how an earth energy system can integrate the various systems.

## **November 8, 2005 Student Night – Wind Power**

Hosted by the student branch at NBCC Saint John.

The meeting was attended by two members of the ASHRAE executive, plus two others from Moncton; Scott Mowery, a consultant from Saint John; Doug Scott, an NBCC mechanical technology instructor, and several students. Following the

tour and a visit to the NBCC Power Lab, the group was hosted for supper by the Chapter.

The purpose of the tour was to learn about the college's alternate energy labs, including wind and solar energy. A 360 Watt wind powered generator, the Windbugger®, is rated at 12-volt DC and 20A, and is used to charge battery banks. The Windbugger® was designed for live-aboard sailors, and finds applications in boats as well as fixed dwellings in remote locations.

### **Scholarship ASHRAE Student Member Mathew Skerry**

This year's NBCC Saint John Mechanical Engineering Technology Scholarship Award of \$1000 goes to Mr. Mathew Skerry. Mr Skerry is an ASHRAE student member in his second year of the Building Energy Options at NBCC Saint John.

### **December 13, 2005 Solar Heating**

This was Past Presidents night and Donor Recognition Night.

Dr. Peter Allen, P.Eng., President of Thermo Dynamics Ltd. made a comprehensive presentation on the current reserve of fossil fuels. He then presented the manufacturing techniques for flat plate liquid cooled collectors and a photovoltaic powered circulating pump.

### **January 2006 Fire Stopping in Mechanical Systems**

Eric Salvas, P.Eng. of 3M Canada presented *Fire Stopping Products: How and Why They Work*. He outlined what to look for in a fire stopping system and what to avoid.

### **February 7, 2006 BACnet Control Systems**

Raymond Rae, VP Delta Controls Inc, presented an overview of BACNet control systems. He reviewed what was new in building automation control systems, the BACNet Manufacturers Association (BMA), the BACNet Interest Group North America (BIG-NA) and the newly formed BACNet International.

Ray also gave a history and status of the BACNet Testing Laboratories (BTL) and a short tutorial on specifying BACNet.

### **March 14, 2006 Fantech Plant Tour**

Daniel Goulet hosted four NBCC Moncton students, their instructor and other chapter members for a tour of the Fantech plant.

The tour covered their entire process from receiving raw materials to shipping finished products. Of particular interest was the heat exchanger cores that they were manufacturing in a fully automated work cell. This work cell was built with the help of Gautreau's, a local machine shop.

### **April 1, 2006 Curling Funspiel**

Curling Funspiel with the Mechanical Contractor's Association

### **April 11, 2006 Achieving Design Quality – ASHRAE Distinguished Lecturer**

Society President Elect Kent Peterson, P.Eng. of P2S Engineering Inc. presented a more customer centered view of the design and construction business.

"Quality is not the absence of defects, but the presence of value, as defined by the client."

### **April 19, 2006 Building for Sustainability Webcast**

NBCC Moncton hosted the Building for Sustainability Webcast and had a waiting audience of about 90 students and 10 instructors. Unfortunately, the actual transmission was unable to penetrate the campuses firewall and the show had to be cancelled after everyone arrived. The test available from *connectlive.com* did not test the same way the webcast was going to be transmitted.

### **May 3,4 2006 MEET Show**



Ron Vallort PE spoke twice on the future of Refrigeration. He made particular emphasis on how it could benefit the developing world. His audience at the show was a large cross section of mechanical, electrical, consultants, contractors and students. Ron spoke on "Direct Expansion Refrigeration and HVAC – Technology for Survival." He reviewed the importance of all aspects of

refrigeration and stated that when using any refrigerant, increasing the energy efficiency of refrigeration systems is the most effective way to battle global warming. Refrigerants must be chosen wisely to protect the earth for future generations. The next day, he spoke on "The Future of Refrigeration and HVAC."

### **June 2006 Lobster Plant Tour and Scholarship Presentation**

The last technical tour of the year was hosted by The Barry Group at the previously Paturel's lobster processing plant in Cab Bimet. The end of the year dinner and installation of new officers was held across the road at Paturel's Restaurant. The \$500 NB/PEI ASHRAE Chapter Scholarship winner, Scott Mallais received the scholarship at the June meeting. Scott is the son of member Bill Mallais. He is attending the Université de Moncton and enrolled in the physics program.

### **August 10 ASHRAE NB-PEI Annual Golf Tournament**

There was a good turnout, 74 golfers, including our associates from the Nova Scotia Chapter and guests from around the region. The low score for the tournament was by the AEM Team (Marc Pelletier, Rino Levesque, Scott LeBlanc, and Doug Briggs) with a score of -8, but everyone walked away a winner as the Surf and Turf meal was a repeat of our previous experience and was superb!

### **2006 CRC in Niagara Falls**

In August 25 Chapter representatives attended the CRC hosted by the Hamilton Chapter.

Frédéric Desjardins	Delegate
Camille Chevarie	Alternate
Gerry Waselynychuk	Historian and CRC Liaison
Dwight Scott	Programs
John Willden	Student Activities
Damien Monk	Membership

### **2006-2007 President Frédéric Desjardins**

#### ***EXECUTIVE***

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Treasurer:	Dan Boudreau
Secretary:	Patti Crouse
Vice President:	Ken Martin
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Historian:	John Willden
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Programs:	Dwight Scott

TEGA:	Dwight Scott
Student Activities:	John Willden
Refrigeration:	
Resource:	Charles Edwards
MEET Chairman:	Gerry Waselynychuk
WebSite:	Kevin Clannon

### ***Board of Governors***

Michael Gillis  
Andy Cowan  
Grant Bourque  
Chuck Edwards

### **September 12, 2006 Student Night and Pumphouse Brewery Tour**

A detailed technical tour of the brewery and bottling plant on Mill Road was followed by supper. The tour was given by the president Shaun Fraser. One new student member attended. In 2005 Pumphouse Brewery won the coveted title of "Canadian Brewery of the Year".

### **October 11, 2006 Past Presidents Night - Firestopping**

Location was Boomerangs Steakhouse. Mr. Illya Kornobis, Sales Manager for Royal Quickstop Fireprotection Systems Company, discussed the advantages of a ULC listed fire insulation wrap system designed to meet NFPA 96 requirements for ventilation air duct fire protection and grease duct systems tested to zero clearance from combustibles.

Prior to the meeting, ASHRAE Society awards were presented to Chuck Edwards for his leadership in Resource Promotion last year. Ken Martin, past president, received Society awards for being the best chapter of our size (100-200 members) in five of the six categories last year.

### **November 14, 2006 Resource Promotion - Venting Gas Equipment**

Location was Boomerangs Steakhouse. Chris Snow, Manager of Service and Inspection for Enbridge Gas New Brunswick, discussed the various venting requirements for natural gas equipment with reference to the B149 Code. Jim Morris of MacLeod and Grant also spoke briefly about new developments in the commercial and industrial aspects of natural gas equipment.

NB/PEI ASHRAE Chapter Scholarship NBCC for \$1000 was awarded to Andrew Gordon. Andrew is a senior year student at NBCC Saint John. He is enrolled in the Energy and Environment option of the Mechanical Engineering Technology program.

### **December 12, 2006 Refrigeration Night - VS Drives in Chillers**

Location was Boomerangs Steakhouse. Mr. Joseph Tarascio, Regional Equipment Director with Johnson Controls Canada, gave a very interesting illustrated talk on Variable Speed Drives in Chillers. He compared characteristics

of constant speed machines with throttling devices, and variable speed machines without throttling.

York sponsored a tabletop display of variable speed drive literature.

### **January 2007 Resource Promotion - Alternate Energy**

Location was Boomerangs Steakhouse. Dr. Yves Gagnon, holder of the K.C. Irving Chair in Sustainable Development at the Université de Moncton, gave a very entertaining and educational presentation on Alternate (Wind) Energy in NB and PEI. Using "Wind Resource Maps of NB and PEI, he indicated those areas where the development of wind energy is feasible.

### **Scholarship**

The Emile R. Leblanc Memorial Scholarship for \$1000 was awarded to Mitchell Stockdale, a senior year BSET student at NBCC Moncton.

### **February 13, 2007 Student Night - Geothermal Heat Pumps**

Location was Boomerangs Steakhouse. Mr. Glenn Kaye, president of Maritime Geothermal Ltd., gave a thorough overview of Geothermal Heat Pumps.

### **March 13, 2007 Membership Promotion - Kitchen HVAC**

Location was Boomerangs Steakhouse. Mr. George McGrath, president of Melink Canada described the benefits of on-demand kitchen ventilation. The principle of the control system is to reduce exhaust and make-up airflows when kitchen appliances are not cooking at design outputs. A system of in-hood temperature sensors, VFD fan drives, and an optic smoke/vapour sensor are integrated with an I/O processor and operator keypad station.

### **April 11, 2007 Webcast on Indoor Air Quality - NBCC Moncton**

Student attendance was nil due to students being on a work attachment.

### **May 8, 2007 Building Commissioning Course - NBCC Moncton**

The seminar was led by Rick Casault, P.E., CDT, President of Casault Engineering. The course, based on ASHRAE's Guideline 0-2005, "The Commissioning Process," explored the application of the commissioning process to new construction and to existing facilities. Attendees also learned about the benefits of commissioning, documentation requirements, issues in specifying commissioning, and the economics of commissioning. The course was well attended ~ 60 attendees.

### **May 15, 2007 History Night - Commercial Heat Pump Failures**

Location: Maverick's Steak House, Future Inn. **ASHRAE Distinguished Lecturer, Bill Lotz** regaled the audience with tales of failed geothermal heating and cooling systems. Bill travelled from Maine to give the informative and entertaining presentation.

**June 12, 2007 Tour of Bonté Foods**

The tour followed three distinct areas of food production at Bonté. These were meat preparation, baked goods and ready to eat. The tour also included a visit to their refrigeration plant and free pepperoni samples.

**August 9, 2007 ASHRAE NB / PEI - 2007 - GOLF TOURNAMENT**

Once again we had an excellent NB/PEI Chapter golf tournament with 71 golfers attending the event at the Moncton Golf & Country Club on August 9 th. Again we had a good turnout from our associates from the Nova Scotia Chapter and guests from around the region. The weather cooperated and the course was in fine shape. The low score for the tournament of minus 5 was a tie between Andy Cowan's Controls and Equipment team and Gary Fahie's Global Mechanical Team.

Everyone walked away a winner as the Surf and Turf meal was a repeat of our previous experience and was superb! Once again we thank Gary and Jackie Fahie and their crew (Jim and Gord) as well as the Elks Club for a fine dining experience.

Don Webster won the ASHRAE Research longest drive contest and Ron McGee won the closest to the pin contest. ASHRAE Research was the benefit again from our efforts and over \$300 was raised for this cause.

The annual Boat Race was also held toward the end of the evening under the watchful eye of Gary Hoadley with prize donations by Global Mechanical. The Herring Choker New Brunswick Team retained their title with a strong showing and good work at the oars.

Junior Golf at MGCC also benefited from the sponsorship of MacLeod and Grant for the BBQ food and refreshments on # 2 from Global Mechanical. They raised over \$300 for the young golfer program at MGCC.

ASHRAE members Luc Dugas, Craig Brown , Chuck Edwards, Dan Boudreau, Patti Crouse , Gary Fahie, Grant Bourque and Jim Morris deserve our thanks for their volunteer efforts.

**August 14, 2007 CRC Preparation Meeting**

Location: Moncton Construction Association on Collishaw Street. The executive and volunteers reviewed any last minute changes at the CRC and reviewed minutes from the last meeting. Gerry Waselynychuk was the CRC chair organizing the event.

**August 24, 2007 CRC – Moncton Chapter**

The CRC was well attended.

The first technical sessions was on Seismic Restraint by Derek Johnson of Tecoustics Limited. The second and third technical presentations were by

**ASHRAE Distinguished****Lecturer, Victor Goldschmidt.**

The first was on global warming and the second was on the future of air conditioning.

After hours activities included a cruise called Lobster Tales which included yet another technical presentation, this one about lobsters and the lobster business hosted by Eric LeBlanc. The boat was chartered from Shediac Bay Cruises and included a lobster feast aboard a lobster boat modified to be a dining room.

**2007-2008 President Dwight Scott****EXEC****UTIVE**

President Elect:	Dan Boudreau
Treasurer:	Patti Crouse
Secretary:	Nicole Bourgeois
Vice President:	Ken Martin
Newsletter Editor:	Robert McEwen
Historian:	John Willden
Membership:	Craig Brown
Programs:	Gerry Waselynychuk
TEGA:	Dwight Scott
Student Activities:	John Willden
Refrigeration:	Frédéric Desjardins
Resource:	Frédéric Desjardins
MEET Chairmen:	Gary Hoadley and Gary Fahie
WebSite:	Kevin Clannon

**Board of Governors**

Luc Dugas  
 Tyson Silliker  
 Camille Chevarie  
 Damien Monk  
 Charles Edwards  
 Kenneth Martin

**September 11, 2007 Student Night – Radiant Cooling**

Boomerangs Steak House was the location. Jean-Marie Breault of Uponor gave a presentation on commercial applications of radiant cooling. Mr. Breault is an applications engineer with the Regina office of Uponor Ltd. He was accompanied by Mark Kenny a Moncton representative from Hydro-Mechanical Sales.

The principles of radiant heating and cooling were reviewed. A number of case studies of cooling systems were discussed, including several Scandinavian buildings and a new airport in Thailand. The new head office building of Manitoba Hydro, and the new Winnipeg airport were also presented.

We have 31 Student members signed up this year between Université de Moncton and NBCC Moncton.

The NB/PEI Chapter presents a \$500 scholarship to a son or daughter of an ASHRAE member. This year, the winner is Bethany Marie Chaisson, of Charlottetown, who has entered a first year BSc program at UPEI. Bethany is the daughter of Frank Chaisson.

**October 9, 2007 Past Presidents Night - Topic: VS Pumping**

Farid Bahiou of Wilo Pumps made a Power Point presentation on the advantage of variable speed pumping. A brief review of the similarity laws (power is proportional to speed ratio cubed) means that power requirements can be reduced by almost 90% if the operating speed (and thus, flow rate) is halved. Most pumps are oversized, due to multiple safety margins.

**Scholarship**

On November 2, 2007 a \$1000 scholarship was presented to Robert Haynes, a 2nd year student in the Mechanical Engineering Technology Program (Buildings - Energy and Environment Option) at the New Brunswick Community College Saint John Campus. The award was presented by ASHRAE member, Douglas Scott, an instructor at NBCC, and the faculty advisor for the ASHRAE NB/PEI Chapter Student Branch in Saint John. Robert is a student member of ASHRAE.

**November 13, 2007 Resource Promotion - Technical Tour Polycello**

Patti Crouse, Treasurer, arranged the technical tour of Polycello in Amherst. Polycello is a 200,000 sq ft plant that manufactures flexographic packaging for the food industry internationally.

Our guides, Louise, Pius, Frank and Stephen toured us through the converting room, extruder machines, the extrusion system, ink presses, ink room, graphics area and plate room. The ink presses receive specified inks that are pumped by pneumatic pressure. Polycello creates the film on site utilizing polyethylene pellets.

Polycello is a very waste conscious company. All excess cut film is vacuumed back into the extruder system where it is melted down and made back into a

pellet form. All glycol and solvents used to operate and clean the presses are pumped back into a waste management system where it is refined for reuse.

### **December 11, 2007 History Night - BACnet**

Wondy Tamene, P.Eng, Systems Sales Consultant for Honeywell Building Solutions (HBS) presented the BACNet protocol for building automation.

The major points of his presentation were related to inter-connectivity:

Fundamentals – standards, SSPC 135, BI & BTL, Plugfest

Current – Status, BACnet conf report, membership levels and benefits

Future – roadmap, Working Groups, application in work

Value and Benefit

Challenges – when does it fail

### **January 8, 2008 Student Night – Energy Efficiency Programs**

Mike Bujold, Director, Commercial Sector Programs for Efficiency NB gave a presentation about some of the initiatives currently underway in the residential, commercial and industrial sectors.

The NB Climate Change Action Plan was officially launched in June 2007. The technical challenges at this time are:

- the need for a NB energy code
- selling the business case for life-cycle cost projects vs first cost projects
- reducing resistive heating loads
- creating a culture that “everybody’s a winner!”
- overcoming barriers with respect to small commercial buildings

In the commercial sector, three new programs are underway:

- a subsidy for energy efficient lighting at electrical distributors in the province
- up to \$2000 grants for energy audits and \$50,000 grants for retrofit projects
- Smart Start for New Commercial Buildings provides grants of up to \$60,000 to offset the cost of designing sustainable high-efficiency buildings

The industrial sector program objectives include:

- establishing a strategy for sustainable energy and GHG reductions.
- address key barriers (research, financial, risk)
- promoting technology and best practices.
- supporting productivity improvement and increased competitiveness.
- building capacity and a culture of efficiency.

The presentation was posted to the chapter website.

### **Scholarship**

The Emile R. LeBlanc scholarship for \$1000 was presented to Charline Godin. Charline is a second year NBCC student taking the Building Services Engineering Technology (BSET) program at NBCC Moncton. Charline and three of her colleagues are on the Deans List at the college and Charline spoke at the graduation ceremonies in June. The award was presented by chapter Student Activities Chair John Willden.

### **February 12, 2008 Resource Promotion Night - Air/Air Heat Recovery**

Eric Van Uytfaenck of Venmar CES gave a most interesting talk on Energy Recovery Technologies. We shared the speaker with the Halifax Chapter.

Eric made a strong case for energy recovery on the basis of rising energy costs, IAQ, liability issues and new standards and codes. He briefly discussed ASHRAE Proposed Standard 189.1P, a Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings. It uses ASHRAE Standard 90.1-2007 as a baseline. He also reviewed the LEED green building rating system.

He stated that future efficiency requirements would mean that almost all buildings would need some form of heat recovery.

- Air-to-Air Plate Heat Exchangers: sensible efficiencies of 50%-70%; can also provide latent heat recovery if a polymeric membrane is used.
- Heat Pipe Exchangers: sensible efficiencies of 45%-50%. Mostly used in process applications where 0% contamination is required.
- Energy Wheels: 65%-80% efficient (sensible plus latent). Desiccants are used for latent transfer, either with molecular sieves or silica gel. Contamination between air streams may be combated through use of a purge section, and by paying attention to the fan(s) location.

### **February 22, 2008 Moncton Wildcats Family Outing**

A Sunday afternoon game provided some great entertainment for ASHRAE members and guests. The QMJHL Cats lost to the Lewiston Maineiacs 3-2 in an exciting shootout.

### **March 11, 2008 Membership Night – Humidification**

Serge Landry, of Vapac, made a presentation on humidification technologies. In general, humidifiers may be classified as adiabatic, in which there is no heat transfer into the air- water vapour mixture, and isothermal, where sufficient heat energy is added to the air to maintain the air-water vapour mixture at a constant temperature.

There are four major reasons why humidification is important:

- Health and comfort of people
- Provide a controlled environment for a process
- Maintain physical quality/integrity of materials
- Eliminate static electricity shocks

Serge then reviewed the features of common types of humidifiers, including:

- Electrode Type Humidifiers
- Resistance Type Humidifiers
- Gas-Fired Type Humidifiers
- Heat Exchanger Type Humidifiers
- Steam Distributors
- Short absorption manifold
- Humidifier Controls

### **April 8, 2008 Student Night - Distinguished Lecturer**

Karen Rollins, of Canmore Alberta, one of ASHRAE's Distinguished Lecturers. presented a most interesting overview of some of her work, using the provocative title, "Confessions of an Air Quality Consultant." Karen discussed some actual case studies from her own experience, including:

- damage of a relatively new home used as a marijuana grow-op
- damage of a new home resulting from improperly applied building wrap
- mold contamination of a dialysis unit in a large hospital
- severe mold damage in a large school, due to improper roof maintenance

With many photographs of the above case studies, and at times a humorous commentary, Karen introduced such important factors as the need for interdisciplinary approach, ethical responsibilities, the role and limitations of air testing, political elements, and environmental management.

We were also pleased to welcome Joel Primeau from Ottawa, ASHRAE's Region II Regional Vice Chair for Student Affairs, who spoke briefly about some changes in support for student members. Both Karen and Joel had visited the Halifax Chapter the previous evening, and on the way to Moncton, took a detour to see the Confederation Bridge and briefly visit PEI.

### April 6, 2008 Web cast: Integrated Building Design

Unfortunately this web cast hosted at the local community college (NBCC Moncton) was poorly attended since the students were on their work attachment. There was also a power failure so the web cast was only visible for the last 1.5 hours. Six members attended.

### May 7-8, 2008 MEET Show – Distinguished Lecturer: Tom Lawrence

The BSET (Building Services students from NBCC were released from classes so that they could attend all the presentations and as much of the show as possible. The MEET 2008 Show on May 7 & 8 drew record crowds.

Once again, our Chapter brought in an ASHRAE Distinguished Lecturer for two seminars. Dr. Tom Lawrence, PhD, P.E., LEED-AP from the University of Georgia spoke on Wednesday morning on the topic, The ASHRAE Green Guide. Thursday morning, his topic was, “Mechanical Design for Green Buildings.” Both seminars were packed, and extra chairs had to be brought in.

The Green Guide is designed to assist designers using easy-to-understand language and many useful diagrams and charts; it includes 37 Green Tips and stresses the importance of planning for continuous commissioning.



The seminar on “Mechanical Design for Green Buildings” covered the following:

- What is “green” and why do it?
- How HVAC systems affect being green
- Example technology areas for focus and current trends
- The proposed ASHRAE Standard 189.1



**NB/PEI Chapter Booth at MEET 2008**

### June 10, 2008 Installation of Officers

The meeting was held at The Creek and spouses were welcome. No technical presentation was made but a gift of appreciation was made to Dwight Scott, Outgoing President for his exceptional work these past years.

## **2008-2009 President Dan Boudreau**

### ***EXECUTIVE***

President Elect:	John Willden
Treasurer:	Nicole Bourgeois
Secretary:	Jennifer Chapman
Vice President:	Dwight Scott
Newsletter Editor:	Bob McEwen
Webmaster:	Bob McEwen
Historian:	Nicole Bourgeois
Membership:	Kevin Clannon
Programs:	Gerry Waselynychuk
CTTC:	Craig Brown
Student Activities:	Patti Crouse
Refrigeration:	Frédéric Desjardins
Resource:	Frédéric Desjardins
MEET Chairmen:	Gary Hoadley and Gary Fahie

### ***Board of Governors***

Luc Dugas  
Patricia LeBlanc  
John Sparks  
Gerry Waselynychuk

### **August 7, 2008 ASHRAE Golf Tournament**

Hosted at the Moncton Golf and Country Club, Riverview, New Brunswick -  
(Supper – Elks Club – Moncton) sold out as usual.

### **September 9, 2008 Student Night:**

#### **Tour of Moncton Hospital's New Ambulatory Care Unit**

Past Chapter president, Bill Goobie, and three colleagues conducted a tour for 21 people. The project was designed by another chapter member, John MacLean. Bill, as the hospital's facilities manager, is one of the project managers for the project, together with representatives of the general contractor and the provincial government.

### **October 14, 2009 Refrigeration Night: Tour of Molson's Brewery**

Thirty-three people had a tour of the complete brewing operation, including the boiler plant and refrigeration systems. The bottle filling and packaging section was very interesting. Following the tour, product was sampled in the Eric Molson Room.

**November 18, 2008 Membership Night: Seismic Restraints**

Derek Johnston of Teccoustics Ltd. spoke on protecting mechanical equipment from earthquake damage. He was a repeat guest, on the basis of his seminar at the 2007 CRC.

**December 9, 2008 PAST Presidents Night: Christmas Party**

Past Presidents were honoured as chapter members and their guests enjoyed a social evening.

**January 13, 2009 Student Night: Solar Water Heating**

Rob Waters of Viessmann Manufacturing Company Inc. presented an overview of the solar thermal heating market, solar heating systems and applications. And some basic design criteria.

**January 14, 2009 Solar Heating Technical Workshop**

Thomas Industrial Sales sponsored a thorough six-hour technical seminar on the topic. Lunch was provided. The event was open to ASHRAE members and other professional engineers and technologists.

**February 10, 2009 Resource Promotion Night:  
Copper Fin Boilers**

An overview of copper fin boilers preceded a discussion of the advantages of condensing boilers, and explained the potential for using multiple fuels. MacLeod & Grant sponsored the meeting and provided a table-top display.

**February 22, 2009 Afternoon Out with the Wildcats**

Fifty-two people attended a Quebec Major Junior Hockey League game which saw the Cats defeat the Shawinigan Cataractes by a score of 3-2.

**March 10, 2009 Refrigeration Night: Refrigerant Update**

Jim Thomas of Refrigerant Services Inc. discussed some of the newer refrigerants on the market, and described a refrigerant recovery system to collect and incinerate used refrigerants which are no longer marketable.

**April 13, 2009 Resource Promotion Night:  
ASHRAE Distinguished Lecturer – Robert Bean**

Robert Bean of Calgary gave a very interesting talk on The Human Factor in HVAC. He stressed the need to integrate engineering, architectural and biological/medical input to achieve a well-designed building. His animated presentation depicting the physiology of the human body was very effective.

## **May 12, 2009 Variable Frequency Drives and Motors in the HVAC Industry**

Steve Fecica of MGI Technologies Inc. presented an overview of 25 years of VFD history, and showed how applying the affinity laws to variable flow systems lead to greater energy efficiency.

## **June 9, 2009 Indoor Natatorium Design and Energy Recycling**

Tony DeSantis of Dectron Internationale discussed design of indoor swimming pools, and how to cope with the humidity in such locations.

## **2009-2010 President John Willden**

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## **August 6, 2009 NB/PEI Golf Tournament**

Seventy-three participants enjoyed fine weather, a non-hour BBQ at the club, and a steak and lobster banquet at the Elks Club to wind up the day. The hole sponsorship garnered \$1800 for ASHRAE Research Canada.



**A trio of swingers**



**Surf and Turf**

### **September 8, 2009 YEA Night / Student Night: Moncton VISION Home Project**

Paul Arsenault of AlternaHome Solutions described the sustainable home being built in Moncton, as one of three demonstration homes in Canada under CMHC's "Equilibrium Initiative". Over 30 people attended, including a good number of NBCC students.



**Fred Desjardins (r) received RP award from John Willden**

### **October 13, 2009 Refrigeration Night: Hybrid Heat Pump Systems**

Raoul Gautreau of the CGC Group described a water-source heat pump system for hydronic heating or cooling. The key feature of hybrid systems is the lack of a refrigerant reversing valve. Rather, in the heating mode, water is diverted to a secondary heating coil in the fan coil units. This eliminates the need to run compressors in the heating mode.

Also, Mathieu Breau and Yves Savoie described their positive experience at ASHRAE's first YEA Weekend at the new ASHRAE headquarters in Atlanta. Certificates of appreciation were presented to last year's ASHRAE Research Canada campaign.

### **November 10, 2009 Refrigeration Night: Refrigerants: Current and Future Trends**

Back by popular demand, Jim Thomas of Refrigerant Services Inc. discussed some of the newer refrigerants on the market. Jim discussed global warming potential (GWP) and ozone depletion potential (ODP) of various refrigerants. He mentioned a new hydrofluoroolefin (HFO) refrigerant under development, and a new Wal-Mart store using a CO<sub>2</sub> refrigeration system in the USA.

### **December 8, 2009 History Night: The Chris Rock Tavern**

Chapter Historian, Dwight Scott, gave a two-part Power Point slide presentation on the oldest continuously operating tavern in New Brunswick. The history and evolution of the tavern was first described, followed by a biographical sketch of the career of S.H. "Spud" Perry (1908-1968), the man who designed and installed the refrigeration systems in 1963. Three of Spud's four children and two of his grandsons (both Chapter members) were guests of the chapter. The event was also our Chapter's Christmas party, with some 35 people in attendance. George Menzies, Region II History RVC, was another special guest. He gave an interesting review of ASHRAE's development from the 1880s onward.



**Oldest tavern in New Brunswick**

**January 12, 2010 Membership Promotion Night:  
Liability by Design – Part I**

Gregory A. MacLean, LLB, provided an overview of the legal problems professionals can unwittingly encounter by not being careful when entering into contracts. His risk management checklist was a very useful tool.

**February 9, 2010 Resource Promotion Night / Refrigeration  
Night: Piping Systems**

John and Donna McGuire gave an interesting presentation and interactive demonstration of fusion welded polypropylene pipe. Twenty-six people attended, including a few Université de Moncton students.

**February 28, 2010 Wildcats Game Family Outing (3<sup>rd</sup> Annual)**

Moncton's QMJHL team defeated the Halifax Mooseheads by a score of 7-1. This annual mid-winter family event has continued to be popular.

**March 9, 2010 Student Night: Tankless Water Heaters**

Mike Matheney and Mihai Mihai of Navien discussed the various advantages of using gas-fired tankless water heaters in certain applications.

Guy Perreault, DRC for Region II described the dual roles of a DRC (ASHRAE Director and Regional Chair. Attendance was 34.

**April 13 2010 Refrigeration Night:****ASHRAE Distinguished Lecturer – William J. Coad**

Bill Coad of St. Louis, MO, gave a very well-prepared and thought-provoking presentation on A Fundamental Perspective on Chilled Water Systems. For optimum performance, cooling coils should operate with constant  $T_s$  and  $T_r$ , while chillers are best operated at constant flow. Several ways to achieve these conditions using throttling valves or bypass loops on coils, and bypass loops on chillers were discussed.

**May 5&6, 2010 MEET SHOW****ASHRAE Distinguished Lecturer: E. Mitchell Swann**

During the show, Mitchell Swann gave two seminars. "Design Build – Executing the Project," and "Design Build for Green Buildings". A total of 73 people attended these presentations.

**June 19, 2010 Past Presidents' Night at the Cocagne Marina**

The evening began with an hour cruise on Cocagne Bay, during which time steamed mussels were served. Following a return to the Marina, 44 people enjoyed a dinner of lobster or steak with all the trimmings.



**Mussels on the Bay**



**Brian Hildreth, President, 1975-76**



**History Display – the year in review**



**Twelve Past Presidents**

## **2009-2010 Scholarships from NB/PEI Chapter**

Emile R. LeBlanc (NBCC-Moncton)

Tanya Steeves

Chapter Scholarship – NBCC-Saint John

University of New Brunswick

Phillippe Couturier

Chapter Scholarship to a child of a chapter member    Jonathan Stevens



**Université de Moncton Scholarship  
presented to Pierre Arsenault by Region II DRC, Guy Perreault**



**Holland College Scholarship  
presented to Jason McKinnon by Frank Chaisson of Charlottetown, PEI**



**CCNB – Edmundston Scholarship  
presented to Robert Goral by ASHRAE DL, E. Mitchell Swann at MEET 2010**

## 2010-2011 President Robert McEwen

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## **August 5, 2010 ASHRAE NB/PEI Golf Tournament**

Seventeen teams competed for the many prizes. Once again, the lobster and steak dinner topped off a fine day.

## **2010 CRC**

A large delegation of NB/PEI Chapter members and their companions attended the 2010 CRC in Halifax.



**Society President, Ron Jarnigan, presenting awards to John Willden at CRC in Halifax**

### **September 14, 2010 Refrigeration Night: Trans-Critical Heat Pumps**

Quinn Vo of Mycom North America presented the thermodynamics and engineering challenges of trans-critical heat pumps. Using CO<sub>2</sub>, and operating above the critical point, these systems have very high Coefficients of Performance. The EcoCute heat pump system won the ASHRAE Innovation Award at MEET 2010.

### **October 12, 2010 History Night: Filtration Systems for Diesel Generators**

Chris Curtis of ReFuel described the problems which can occur when low-sulphur fuel is stored for use in standby diesel generator sets. Water contamination, sludge and microbial growth are dangers when fuel is not used promptly (as in transportation). Continuous closed loop filtration can avoid these problems.

### **November 9, 2010 Student Night / YEA Night: Liability by Design – Part II**

Greg MacLean, LLB, returned to continue the presentation he began in January. He gave expanded emphasis on risks one might face in contract law. Due to the popularity of the topic, members of the Moncton Branch of APEGNB were invited. A total of 27 people attended.

### **December 14, 2010 Resource Promotion Night: LEED New Construction Rating System**

Kate Butler of the Canadian Green Building Council discussed some important updates in LEED Canada NC 2008. Attendance was 32.



**Resource Promotion Display  
by RP Chair, John Willden**

### **January 11, 2011 Membership Night / Governmental Affairs Night: Efficiency New Brunswick**

Thirty-two people heard Scott Garinther of ENB describe the latest incentive programs for commercial projects. Four case studies were presented. He also discussed the *Core Performance Guide* developed by the Province of New Brunswick, the first province to do so.

**February 8, 2011 History Night: Biomass Boilers**

Simon Koeb of Viessmann Manufacturing in Vancouver discussed the principles of using biomass for fuel. Several interesting case studies were presented, including La Cité Verte in Quebec City, a district heating system serving 840 residential units, plus commercial space.

**February 9, 2011 Biomass Boiler Seminar**

Simon Koeb presented a day-long seminar on designing applications of biomass boilers. Thanks to Thomas Industrial Sales for sponsoring Mr. Koeb's presentations.

**February 20, 2011 Fourth Annual Wildcats Family Day**

The Moncton Wildcats beat the Val-d'Or Foreurs by a score of 5-2 in another popular event for chapter members and guests.

**March 8, 2011 Student Night / YEA Night:****The Normand-Maurice Building**

Region II CTTC RVC, Jean-Gabriel Joannette of Pageau Morel and Associates in Montreal presented a case study of a multi-purpose government project in an industrial area of Old Montreal. Some of the original buildings dated from 1851, and the site required much remediation. Much of the material was reclaimed for later re-use, which required a process of deconstruction, rather than demolition. The project was awarded a 2009 ASHRAE Technology Award and earned LEED certification.

Twenty-five people attended, including Francis Lacharité, Region II RVC for Student affairs, and Michel Lacompé, vice-president of the ASHRAE Montreal Chapter.



**Jean-Gabriel Joannette receiving a souvenir clock from Kevin Clannon**

**April 12 & 13, 2011 Resource Promotion Night:****ASHRAE Distinguished Lecturer – Victor W. Goldschmidt**

Twenty-five people attended Tuesday evening's lecture on "Sustainability in the Context of Power Plants". By presenting the three sectors of *stability* – *environment, social and economic*, Victor showed that sustainability is only possible when these three sectors overlap. He also showed data on capacity

factors and \$/MWh for several so-called “green” energy sources. On this basis, he demonstrated why electric and hybrid cars are not really practical. Region II RVC for Research Promotion was in attendance and presented Dan Boudreau with the Howard Murray Award for leadership and fundraising ability, having raised \$10,052 for ASHRAE Research Canada. The next afternoon, Victor led a lively interactive workshop on “Problem Solving and Creativity” for students at NBCC. Members of the APEGNB Moncton Branch were also invited to both sessions.



**Dan Boudreau received the Hayward Murray Award from RP RVC, Dave Rasmussen**



**ASHRAE DL, Victor Goldschmidt**



**Problem Solving and Creativity Workshop at NBCC-Moncton Campus**

### **May 10, 2011 Technical Tour of New York Thermal Inc.**

Some 20 people NTI in Saint John. Following a slide presentation of some technical details of the boiler lines, the assembly plant, training room and development lab were toured. After reconvening in the conference room for a question and answer session, the group moved on to the NBCC campus for pizza.

### **June 18, 2011 Past President's Night at the Cocagne Marina**

Following the success of last June's outing, we once again invited Past Presidents to join chapter members and guests for an afternoon and evening of boat ride, mussels, and a lobster dinner. Twenty-nine people enjoyed the day, including eight past presidents.



**Irwin MacDonald (1978)  
Shirley Waselynychuk  
David Potter (1981)**



**Chuck Edwards (2004)  
Eric LeBlanc  
John Willden (2009)**



**Dwight Scott (2007)  
Val Chongva  
Chantale McEwen  
Bob McEwen (2010)**



**Dinner is served**



**Judy Bavis  
Kirk Bavis (1972)**



**Kevin Clannon  
Bob McEwen**



**Past Presidents**

### **2010-1011 Scholarships**

Chapter Scholarship to a child of a chapter member: Breannah Tweedie

University of New Brunswick: Timothy Wilson

Université de Moncton:



**Heather Ginson receiving the  
Emile R. LeBlanc Scholarship from John Willden**



**Chapter Scholarship – NBCC-Saint John  
Instructor, Doug Scott presenting award to Jonathan Adamson**



**Holland College Scholarship  
presented by Program Manager, Kent Sheen to Jeff MacDonald**



### **CCNB – Edmundston Scholarship**

**L-R: Maurice Chiasson, Gas Instructor; Justin Beaulieu, ASHRAE member; Richard Martin, recipient; Luc Bouchard Oil Burner Instructor**

## **2011-2012 President Kevin Clannon**

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