New Brunswick / Prince Edward Island
Chapter History

1972 – 1993 Historian/Editor Rod Collins
Chapter History Committee
Rod Collins, Gary Fahie, Brien Storey

Second Edition 1998 Historian/Editor
Bill Goobie

Third Edition 2008 Historian/Editor
John Willden

Fourth Edition 2011 Historian/Editor
Dwight Scott

Fifth Edition 2013 Historian/Editor
David Samuel

A message from Chapter Historian

We are always on the lookout for any historical information and memorabilia about ASHRAE and especially our chapter. Please call Devin Harinarine at 506-857-8836 x 1112 or e-mail to dharinarine@controisequipment.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 Slemin 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 month's 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

**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.

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
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
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 Afanasieiu, 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 guest 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 Waselynchuck 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 Waselynchuck 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.
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 Waselynchuck

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 Waselynchuck
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: Gary Blue
Newsletter Editor: Brien Storey
Historian: Gary Hoadley
Programs: Gary Hoadley
TEGA: Irwin MacDonald
Student Activities: Brien Storey
Refrigeration: Alyre Gallant
Resource: Gerry Waselynchuk
MEET Chairman: Gary Fahie
Education: Graham Fawcett
Reception: Emile Leblanc

Board of Governors
Alyre Gallant
Gerry Waselynchuk
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 month's 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 month's 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:
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 Waselynchuk. 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

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 Manager 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 month’s 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 months 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 Waselynchuk
- 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 Waselynchuk
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 months 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 Waselynchuk
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 Waselynchuk 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. It 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 a 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

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 Waselynchuk
Programs: Jeff Hayward
TEGA: William Hooper
Student Activities: Philip Allison
Refrigeration: Paul Stockton
Resource: 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 25th 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 Waselynchuk
Newsletter Editor: Luc Dugas
Historian: Bill Goobie
Membership: Gerry Waselynchuk
Programs: Carman Travis
TEGA: William Hooper
Student Activities: Philip Allison
Refrigeration: Stephen Tweedie
Resource: 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: Ken Martin
Membership: Ken Martin
Programs: Carman Travis
TEGA: Carman Travis
Student Activities: Philip Allison
Refrigeration: William Hooper
Resource: William Hooper
MEET Chairman: William Hooper
Education:

Board of Governors

William Hooper
Grant Bourque
Ken Martin
September 30, 1999 Annual Golf Tournament

October 19, 1999 Hydronic Component Operation

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: Derek Weldon
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 1st, 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

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: Prince 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
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 UNB’s 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: 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 Taliotis 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 Waselynchuk Historian and CRC Liaison
Dwight Scott Programs
John Willden Student Activities
Damien Monk Membership

**2006-2007 President Frédéric Desjardins**

**EXECUTIVE**

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<td>President Elect:</td>
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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 9th. 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 Waselynchuk 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

**EXECUTIVE**

President Elect: Dan Boudreau  
Treasurer: Patti Crouse  
Secretary: Nicole Bourgeois  
Vice President: Ken Martin  
Newsletter Editor: Robert McEwen  
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Membership: Craig Brown  
Programs: Gerry Waselynychuk  
TEGA: Dwight Scott  
Student Activities: John Willden
Refugeation: 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 Uytfanck 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
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 Waselynchuk
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 Waselynchuk
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

EXECUTIVE

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Vice President: Dan Boudreau
Newsletter Editor: Yves Savoie
Webmaster: Yves Savoie
Historian: Dwight Scott
Membership Chair: Kevin Clannon
CTTC Chair: Dwight Scott
Student Activities Chair: Patti Crouse
Resource Promotion Chair: Frédéric Desjardins
MEET Chairmen: Gary Hoadley and Gary Fahie
Board of Governors

Mathieu Breau
Craig Brown
Fred Desjardins
Luc Dugas
Richard MacArthur
Gerry Waselynchuk

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 CO₂ 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 (3rd 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.
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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Resource Promotion Chair: John Willden  
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Jason Nelson  
Jeannot Thibodeau  
Gerry Waselynchuk  

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 CO₂, 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.

**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 Lacompte, vice-president of the ASHRAE Montreal Chapter.

![Jean-Gabriel Joannette receiving a souvenir clock from Kevin Clannon](image)

**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

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.
Shirley Waselynchuk Eric LeBlanc Val Chongva
Bob McEwen (2010)

Dinner is served Judy Bavis Kevin Clannon Past Presidents
Kirk Bavis (1972) Bob McEwen

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
2011-2012 President Kevin Clannon

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Kevin Leger
Kenneth Martin
Jason Nelson
Gerry Waselynchuk

August 5, 2011 ASHRAE NB/PEI Golf Tournament
The 2011 Golf Tournament was held at the Moncton Golf & Country club. Twenty teams competed for the many prizes. Once again, the lobster and steak dinner topped off a fine day. The hole sponsors contribution went to the ASHRAE Research Canada.

2011 CRC AUG 26th to AUG 28th
A large delegation of NB/PEI Chapter members and their companions attended the 2011 CRC in Quebec City from Aug 26th to Aug 28th.

Society President Elect, Tom Watson
Making his presentation at CRC in Quebec City.
Our Chapter members receiving their awards at the CRC

Our Chapter Historian 2010-11, Dwight Scott receiving his Golden Ribbon Award from RVC George Menzies at the CRC

September 13, 2011 Refrigeration Night:
Variable Refrigerant Flow Technology
Roger Nasrallah of Enertrak presented the present day practises and advantages of using Variable Refrigerant Flow Systems for various applications. He discussed the types of systems available and their relative merits and limitations. He also highlighted the various benefits of VRF Systems over conventional systems.

October 11, 2011 Students Night:
Chilled Beams
Daniel Harris of Dadanco Inc., spoke about Active Chilled Beam Systems. He explained as to how the cost savings in Fan Energy is achieved by circulating only the fresh air requirement as per Ashrae Standard 62.1 in duct work which induces about 4 times
additional flow through the chilled beams to which the fresh air is delivered. Chilled beams have the specially designed nozzles to induce the additional flow of recirculated air. The coils in the Chilled Beams operate with a higher chilled water temperature than the dew point. Thus there is no condensation and no need for drain piping.

November 8, 2011 Membership Promotion / YEA Night: 100% outside Air & Dehumidification Management Systems
Danny Suansing of Addison LLC of Orlando, FL spoke about Make Up Air Systems and the various Control Options that are available to control the dew point and RH at which the makeup air is delivered. These include Hot gas Reheat, Digital Scroll Compressors, Dual Compressor Systems with and without H G bypass control etc. Additional improvement of EER is possible by incorporating an Energy Conservation Wheel.

December 13, 2011 Research Promotion Night: Christmas Party & Past Presidents Night
There was no technical presentation but it was a Party Night. It started with a wine tasting session hosted by sommelier Lisa Gautreau accompanied by hors d’oeuvres by the City Grill. A total of 43 participants, including 13 Past Presidents attended this delightful function.
The highlight of the evening was a special toast to our Chapter’s First President Kirk Beavis who was present.

Our 13 Past Presidents in attendance
January 10, 2012:
CRN Numbers for Natural gas Installations
Twenty two people attended the presentation by Eben Creaser, Chief Boiler Inspector and Chairman of the PE Board of Examiners for the Province of New Brunswick. His primary focus was the importance of Canadian Registration Number which is required for any boiler, pressure vessel or pressure piping including refrigeration piping.

February 14, 2012:
Investments and Tax Free Savings
This was a joint presentation by Steve Morrison, Regional Director of National Bank Securities and David Schofield of national Bank. It was on Global Economic review and investing in 2012. They also explained the Tax Free Savings Account, its provisions and advantages.

March 13, 2012 Membership Promotion Night:
Construction Bonding
Gilles LeBlanc of Assurance Goguen Champlain Insurance Inc., provided a deep insight in to the Construction Security Bond, why it is needed, what it is, how to apply and obtain a bond, why some owners will accept only a bond and not certified cheques or other instruments.

March 18, 2012 Social Afternoon Out With the Cats:
An enjoyable afternoon watching a hockey game of Wild Cats versus Acadie Bathurst Titans at the Moncton Coliseum

April 10, 2012 Research Promotion Night:
Improving Energy Efficiency in K12 Schools
The presenter was an ASHRAE Distinguished Lecturer, Verle Williams. He is also a Registered Professional Engineer and a certified Energy Manager. He is the owner and president of Utility Services Unlimited. Thirty three people were in attendance and the speaker explained how to achieve sustainability with a successful K12 District-wide Energy Conservation Program. A case study of San Diego Unified School District’s Energy Efficiency Program/Facilities Improvement Project was explained from conception to completion.

Chapter President Kevin Clannon presenting a gift to the Distinguished Lecturer Verle Williams who was the speaker at the April meeting.

May 2-3, 2012 MEET SHOW:

Distinguished Lecturer, James L. Newman presented two well received seminars at this MEET show.

On May 2nd about 100 people attended the presentation on transforming an older facility into a High Performance Building. Jim stressed the importance of Energy Audits and Retro-Commissioning in bringing a facility up to specification in HVAC Efficiency, service water and lighting systems.

On May 3rd about 55 people attended the presentation entitled Green Practices and ASHRAE Standards 90.1 and 62.1 – How to have a Healthier, More Profitable Building with Better Mechanical/Electrical Design (and More Thought to the Building Envelope). Mr Newman described how to surpass the ASHRAE Energy and Ventilation Standards to refine and better maintain mechanical and electrical/lighting systems.
Dwight Scott, Chapter President Elect with D L James L Newman & David Samuel, Chapter Historian at the ASHRAE NB/PEI Chapter Booth.

Dwight Scott, Chapter President Elect presenting a gift to Distinguished Lecturer James L Newman following the seminars at the MEET Show 2012.
Twenty-five people attended Tuesday evening’s panel discussion. The panel consisted of Steven Tweedie of TACE, Mark Belanger of Master Montreal and John Conroy of Conroy Refrigeration.

Steve Tweedie, John Conroy and Marc Belanger with Kevin Clannon

Before the meeting, at the BoG, Dwight Scott thanked all the outgoing Executive for the year 2011-12 as pictured below and presented certificates of appreciation.

He then welcomed the incoming executives that were present as pictured below.
2011-2012 Scholarships

Chapter Scholarship to a child/spouse a chapter member: Chantal LeBlanc

University of New Brunswick: Michelle Duffield (Fredericton Campus)

Université de Moncton:

Emille R Leblanc Scholarship:

NBCC, Saint John: Daniel Arsenault
2012-2013 President Dwight Scott

**EXECUTIVE**

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Newsletter Editor Jennifer Chapman
Website Jennifer Chapman
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YEA Coordinator Kevin Leger

**Board of Governors**

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Robert McEwen
Eric Leblanc
Christopher Sanderson
Kenneth Martin

**August 2, 2012 ASHRAE NB/PEI Golf Tournament**

80 golfers teamed up to compete for the many prizes. A BBQ sponsored by MacLeod & Grant Ltd raised $362.00 for the junior golfers at the Moncton Golf and Country Club. Following the game, the participants and guests adjourned to Elks Club for a surf and turf meal 2-1/2 pound Bay of Fundy Lobsters and ½ pound steaks. Door prize raffle of $417.00 as well as hole sponsorship amount of $1,800.00 will go to ASHRAE Research Canada.
One of the teams that participated.

Taking a BBQ break at the Golf Tournament

**2012 CRC AUG 24th to AUG 26th**
A large delegation of NB/PEI Chapter members and their companions attended the 2012 CRC in Ottawa from Aug 24th to Aug 26th.
Dwight Scott, Chapter President receiving Chapter awards at the CRC. (Above & below)
Participants at the Social in the evening.

September 11, 2012:  
Challenges of Climate Change:  
Twenty four people attended a lively presentation by Carl Duivenvoorden of Northern New Brunswick, a Climate Change Expert and a Professional Speaker. The topic was Climate Change, a hot topic with cool solutions. He showed proof of the changes that are happening, why they are happening and what each of us can do in our corner to pause, rethink, reduce energy usage and look to renewable sources.

October 23, 2012 Past President’s Night & 40th Anniversary of the Chapter:  

Close to 100 people attended the 40th Anniversary Gala of the NB/PEI Chapter of ASHRAE. Society President Tom Watson of Staunton Virginia, was the guest speaker. He delivered his motivational presidential address, “Broadening ASHRAE’s Horizons”.

Special guests included Merrill Herderson, Deputy Mayor of Moncton, Lana Hansen, Deputy Mayor of Riverview, Isabelle Lavoie, Director and Regional Chair of Region !! of ASHRAE, Doug Cochrane of Toronto, member of ASHRAE’s nominating Committee, Michael Lecompte, President of Montrel’s Chapter and Mark Lawrence, President of Halifax Chapter.

At the meeting, three of the original 35 charter members from 1972 attended and were honoured: Kirk Bavis of St Eduard-de-Kent, NB, Gary Clancy of Barachois, NB and Jack Clark of Tatamagouche, NS.
ASHRAE NB/PEI Charter Members with ASHRAE President: L-R: Jack Clark, Tom Watson, President of ASHRAE and Kirk Bavis.

November 13, 2012 Students Activities Night: NBCC Saint John Tour
This technical tour was attended by 31 members which included 8 BoG members, 18 NBCC Moncton/Fredericton students and faculty and 5 members from Saint John area. NBCC’s E Building which is designed to meet Leadership in Energy and Environmental Design (LEED) was the facility toured.

Dwight Scott thanking Bill Stroud for the tour.

November 18, 2012: Social – Moncton Miracles Basketball Game
It was an entertaining Sunday afternoon watching a game between Moncton Miracles & Oshawa Power. All proceed were donated to ASHRAE Research.

December 11, 2012 Research Promotion Night:
This was a technical presentation on Selection & Specifying Control Valves & Dampers by Clark Campbell of Belimo Americas sponsored by Controls & Equipment. This useful presentation was attended by 24 participants.
At this meeting 5 new Chapter members were recognized.

January 8, 2013:
Shale Gas Exploration:
Twenty six people attended the presentation by Marc Belliveau, Director of Communications, Department of Energy & Mines. The topic was “Responsible Environmental Management of Oil and Gas activities in New Brunswick”. It started with an overview of the drilling activities in New Brunswick, pilot drilling activities, pilot production activities, regulatory framework that are in place, environmental impact assessment, how the public is informed at every stage, revenue possibilities etc.

February 12, 2013:
**Displacement Ventilation:**
This was a presentation by Samuel Frenette of Price HVAC Industries of Winnipeg. 28 people attended this presentation. Theory and considerations of Displacement ventilation, Design procedures, Benefits and Application and some case studies were presented.

March 10, 2013:
**Afternoon with the Cats:**
An interesting afternoon watching a game of Hockey between Moncton Wildcats and Halifax Mooseheads.

March 12, 2013:
**UNB Head Hall Renovation Tour:**
The Technical Tour was attended by over 70 participants comprising ASHRAE members, APEGNB Fredericton Branch members, NBCC Fredericton Building Systems Technology students and instructors, UNB students and staff, NBCC Moncton students and members from CFB Gagetown. An overview if the ongoing UNB’s Energy Management program was shown with areas of success by UNB in leveraging incentive programs with an overview of Head Hall Retrofit and savings realized were shown. It also included a tour of Chiller Plant, Server Room AHU/multi-zone VAV, Roof level Energy Recovery System etc.
(L-R) Tom Gilmore, UNB Energy Manager, Carman Travis, MCW Maricor Consultants, Tim Cross, UNB Energy Management, Brent Godbout, Efficiency New Brunswick, Dwight Scott, President ASHRAE NB/PEI Chapter, Bruce Good, UNB HVAC Supervisor.

April 18, 2013:
ASHRAE CTTC Webcast – 9th Annual

This was a webcast on Assessing Building Energy Performance at NBCC.

April 23, 2013:
Commissioning, Operating and Maintaining Air to Air Energy Recovery Equipment:

The presenter was an ASHRAE Distinguished Lecturer, Hoy Bohanon P.E., Director of the Carolinas region of Working Buildings, a Professional Service organization for commissioning services.
24 participants attended this presentation which explained the types of Air to Air Energy Recovery Systems in the field, various commissioning issues, operating and maintaining guidelines and re-commissioning recommendations.

Dwight Scott presenting a gift to ASHRAE Distinguished Lecturer Hoy Bohanon on April 23 2013.

May 14, 2013:
High Induction Diffusers:
18 Participants attended this presentation by Daniel Lauzon, President of NAD Clima of Montreal. He explained its principles, construction, advantages and limitations of this very popular European concept. Using these type of diffusers also qualifies for LEED points.
June 11, 2013:
Dumont Energy Centre Tour

30 people turned up for this Technical Tour conducted by David McAlister and Frederick Bernard from MCW who were the consultants for this project. The project received 2013 Award for Recognition of Engineering Excellence in the Buildings category from the Association of Consulting Engineering Companies, NB. The 3 x 700 BHP Steam Boilers (2 run by natural Gas and one as back up by Oil), 400 TR Heat Recovery Chiller, 500 TR & 100TR Chillers for seasonal loads, 3 Diesel Generating sets for standby power for essential loads were inspected, including a walk around tour of the Service Tunnel that carries all piping/ducting work.

Dwight Scott presenting a gift to one of the tour guides, Frederick Bernard of MCW.

June 14, 2013:
History Publication:
Chapter Historian, David Samuel P.Eng., and Chapter President, Dwight Scott P.Eng., visited the High Field Pumping Station in Moncton along with Ensor Nicholson P.Eng., Director of Water Systems, City of Moncton. The Pumping Station has completed a 100 years in operation. Based on the information collected at the site a History Article written by David Samuel has been published in the Herring Choker June Supplement. This is available at the Chapter website.

June 22, 2013:
Kitchen and Lobster Party:
An enjoyable evening of fun, food and fellowship at the Captain Dan’s Bar & Grill at Point-du-Chene Wharf.
Dwight Scott, Chapter President presented some gifts to Brett Judson, Owner of Captain Dan's and City Grill for his association with the ASHRAE NB/PEI chapter for over 20 years.

2012-2013 Scholarships

Chapter Scholarship to a child/spouse a chapter member: Katelyn Eleanor Gillis

Picture of Kevin Clannon presenting the Scholarship Cheque to Katelyn is on the next page.
University of New Brunswick:

Université de Moncton: Frederic Renald Dulcos of Campbellton Campus.

Emille R Leblanc Scholarship: Brandon Drake (See picture below-John Willden presenting the certificate to Brandon)
NBCC Fredericton Campus: Cara Bostwick

Dwight Scott, Chapter President handing over the Scholarship Award to Cara Bostwick at NBCC Fredericton.
NBCC Saint John: Mark Watson

Mark Watson receiving his scholarship cheque from Doug Scott, Instructor at NBCC Fredericton.