



THE GYROLOG

THE GYRO CLUB OF EDMONTON

Club Charter No.18, July 29, 1921

**President-[Chuck Gerhart](#), Past President-[Bruce Swanson](#),
1st Vice-President-[Dunc Mills](#)**

**Secretary-[Barry Walker](#), Treasurer-[Gary Campbell](#),
Directors- [Ron Trant](#), [Doug Armstrong](#), [Ray Dallaire](#),
[Dan Hasinoff](#), [Fred Schulte](#) (Ex-Officio)**

**Database Administrator-[John Ross](#), Gyrolog Editor-[Fred Schulte](#)
Club Website: www.edmontongyroclub.com**

FEBRUARY 2021

Those celebrating their birthdays are **Dan Hasinoff** on the 5th, **Dick Nichols** on the 8th, **Ken Willan** on the 9th, **Ron Trant** on the 22nd and **Jack Ellis** on the 25th. Those celebrating their wedding anniversaries are **Bruce and Bronwyn Swanson**, 43 years on the 8th; **Sam Gruden and Bea McKenzie**, 30 years on the 14th and **Larry and Rosa Wang**, 55 years on the 26th.

President Chuck Gerhart welcomed 31 Gyros and our guest speaker to the February 2nd Zoom Teleconference.

Sheldon Weatherby introduced our guest speaker **Larry Neumeister, P. Eng.** who was employed by **Spartan Controls** for 40 years and was an expert in **process control optimization**. His presentation will discuss his personal journey to design and build a solar-powered home in Sherwood Park. The discussion will include photovoltaic power generation, solar thermal hot water, and hydronic heating, building envelope design, rainwater harvesting, and architectural considerations. The talk will end with some performance results, Larry's thoughts on the process and lessons learned.

Larry indicated that his plan to build on a half-acre parcel in Sherwood Park was 27 years in the planning. His vision was to build a home that was energy efficient, use leading-edge technology, be solar powered and use no fossil fuels. He also wanted his home to look "normal". He designed his home to optimize sun exposure. The solar tiles on the roof are the roof tiles. The 14-kw system uses solar thermal and photo voltaic components. The solar water heating system runs glycol through evacuated glass tubes like a "thermos" bottle.

I undertook heat loss calculations on the whole house and used 3D modelling of the systems with lots of upfront design and planning. There is a full basement under the garage where a large tank is located with a solar battery, heat exchangers and a glycol to water to heat system. If we experience a cloudy period, there is backup heating system using electricity to run an instantaneous water heater. If we lose power, we can rely on firewood to fire masonry heaters which will produce radiant heat on the main floor and basement.

The walls are built using Insulated Concrete Form's (ICF). The above ground walls are 18 inches thick and consist of 10 inches of Expanded Polystyrene (EPS) Foam on the outside, 6 inches of concrete and 2 inches of EPS on the inside. The basement walls are 20 inches thick using the same system.

All the windows are triple-paned, argon filled with a low E coating and roll shutters are used at night.



Example of an ICF Wall

All the floors are concrete using the ICF method with in-floor heating using PEX tubing.

The roof is timber framed using Douglas Fir and Structural Insulated Panels (SIPS). Oriented Strand Board (OSB) skins are used with Styrofoam in between. This technique allows for more usable space inside.

The footing design allows water to flow from the inside or outside to a centre conduit with a total width of three feet for the wall.

Rainwater harvesting is directed to a large underground tank.

The interior design was accomplished using CAD technology and resulted in a “comfortable home”. It took 8 years to complete the construction and there is 8000 sq. feet of usable space. We are tied into the grid and sell our surplus power in the summer.

There is a 30 to 40-year life for the photo-voltaic system and experience shows that over 10 years there is a 5-10% loss in efficiency.

Ken Korchinski thanked Larry for a leading edge, forward thinking presentation.

Dick Nichols advised that the **Hockey Pool** was going ahead with the seven Canadian teams in the North Division. The first game of the 20 in the pool will be on February 9th against the Ottawa Senators. There was high level of interest shown by members and all the tickets have been sold.

Bruce Foy was the winner of the **Virtual Free Lunch draw**.

President **Chuck Gerhart** welcomed **73 Gyros and Gyrettes** to the February 16th **Celebration of Love** Zoom Teleconference. All Gyros and Gyrettes received a small bottle of sparkling wine, cheese, crackers, nuts, cookies, and cupcakes prior to our Zoom meeting. These Valentine treats were prepared by **Cathy Johnson, Carol Dobson, and Myrna Gerhart.**

Heinrich Grosskopf presented a “**Message of Love**” centred on the many different types of love.

Affectionate- A love that runs deep in true friendships.

Enduring- Mature love that develops over time.

Familiar- Flows between parents and children or childhood friends.

Romantic- Personal infatuation and physical pleasure.

Playful- Flirting and beginning stages of intimate love.

Obsessive- Obsessiveness or madness over a love partner.

Self- Having a healthy “self-compassion” love towards one’s self.

Selfless- An emphatic attitude of love for everyone and anyone.

Cathy Johnson provided instructions to the group which were then organized into nine breakout groups with the skillful help of Webmaster **Peter Carter.**

Members in each sub-group were asked to “*name something you remembered from your childhood that younger people would not know about*”. An example in the Editor’s sub-group was the **delivery of milk in glass bottles by horse-drawn wagon’s using a milk chute for access.** Each member was also encouraged to describe how they met their partner.

The next task was for each subgroup to pick a name such as “Love Handle” and complete the Trivia with Love Themes-Movies, Songs and Candies. There were 34 topics with 34 answers. None of the nine groups achieved a perfect score but many were able to answer 32 correctly.

This event was a resounding success with approximately 70% of our members in attendance. Thanks to all who prepared the treats and delivered them to each household.

Well done Gyros and Gyrettes!

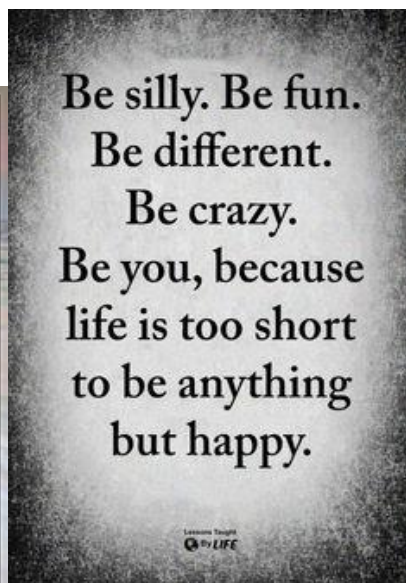
Dick Nichols reports on the Hockey Pool Winners.

Game 1 February 9	Winners	First Period	Second	Final
Oilers vs Senators				
First Period	2 1	Jill Hastings	George Schuller	George Schuller
Second	3 1	Gary Campbell	Ron Trant	Darcy Burnett
Final	3 2	Arline Dagg	Alan Rusler	Myrna Gerhart

Game 2 February 11	Winners	First Period	Second	Final
Oilers vs Alouettes				
First Period	1 0	Justin Bergevan	Myrna Gerhart	Bea McKenzie
Second	2 0	Jennifer Foy	Kaylee	Roger Russell
Final	3 0	Mike Matei	Ken Weisberger	Janet Douglas

Game 3 February 15	Winners	First Period	Second	Final
Oilers vs Jets				
First Period	1 2	Bea McKenzie	Gary Campbell	Jeremy Hastings
Second	4 5	Ashley White	Gary Campbell	Sophie McKinnon
Final	5 6	Jim Lepp	Ray Dallaire	Chuck Gerhart

Game 4 February 19	Winners	First Period	Second	Final
Oilers vs Flames				
First Period	1 0	George Schuller	George Schuller	George Schuller
Second	2 1	Kelly Burnett	Walter Yakimets	Walter Yakimets
Final	2 1	Fred Otto	Trish Baird	Trish Baird



Actions prove
who someone is,
words just prove
who they pretend
to be.

TRUE WORDS

HOW TO SUCCEED IN LIFE?

Talk - **Softly**;
Eat - **Sensibly**;
Breathe - **Deeply**;
Sleep - **Sufficiently**;
Dress - **Smartly**;
Act - **Fearlessly**;
Work - **Patiently**;
Think - **Creatively**;
Behave - **Decently**;
Earn - **Honestly**;
Save - **Regularly**;
Spend - **Intelligently**.

Three simple rules in life.

1. If you don't go after what you want, you'll never have it.
2. If you don't ask, the answer is always no.
3. If you don't step forward, you're always in the same place.

Lessons Taught
By LIFE

one small
positive
thought
in the morning
can change
your whole
day

positive vibes / lauratrevey.com

“Fast Fred”

UPCOMING EVENTS

Zoom Video Teleconference, March 2nd.

**Autobiographies by Jack Brown and George Schuller
Team Leaders: Fred Schulte and Chuck Gerhart**

Zoom Video Teleconference, Thursday March 18th 11:00 am

Proposed 2021-22 Budget.

Speaker: Jon Dunbar

Topic: The Two Korea's

Team Leaders: Gary Campbell and Alan Rusler

Zoom Video Teleconference, Tuesday April 6th.

Club Elections and Speaker STARS

Team Leaders: Bruce Swanson and Ray Dallaire

Zoom Video Teleconference, Tuesday April 20th.

Executive Officers/Directors Installation and Speaker

Team Leaders: Chuck Gerhart and Dan Hasinoff

Zoom Video Teleconference, Tuesday May 4th.

Speaker: Paul Dumont from Cebu, Philippines

Topic: TBA

Team Leader: Ray Dallaire

Zoom Teleconference, Tuesday May 18th.

Autobiographies by Cliff Revell and Ken Willan

Team Leaders: Dunc Mills and Fred Schulte

Gyro Club of Edmonton 100th Anniversary, July 29th.

**Gyro International/District 7 Convention and Gyro Club of Winnipeg 100th
Anniversary Celebration, August 4-8th.**

**Gyro District 8 Convention, Deerfoot Inn and Casino, Gyro Club of Calgary
September 23-26th**