



# ***THE GYROLOG***

**THE GYRO CLUB OF EDMONTON**

**Club Charter No.18, July 29, 1921**

**President-**[Peter Carter](#), **Past President-**[Jack Little](#),  
**1st Vice-President-** [Ray Dallaire](#), **2<sup>nd</sup> Vice-President-**[Bruce Swanson](#)  
**Secretary-**[Barry Walker](#), **Treasurer-**[Gary Campbell](#),  
**Directors-** [Alan Rusler](#), [Arv Hardin](#), [David Winfield](#)  
**Database Administrator-**[John Ross](#), **Gyrolog Editor-**[Fred Schulte](#)

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## **JULY 2016**

Those celebrating their birthdays are **Jack Bowen** on the 1<sup>st</sup>, **John Mann** on the 2<sup>nd</sup>, **Ray Dallaire** on the 16<sup>th</sup> and **Leon Lubin** on the 18<sup>th</sup>. Those celebrating their wedding anniversaries are **Jack** and **Myrna Slobodan**, 51 years on the 3<sup>rd</sup>; **Ken** and **Arden Korchinski**, 52 years on the 11<sup>th</sup>; **Barry** and **Valerie Walker**, 46 years on the 11<sup>th</sup>; **Jack** and **Joyce Brown**, 16 years on the 15<sup>th</sup>; **Len** and **Barbara Stevens**, 58 years on the 26<sup>th</sup> and **Taras** and **Pat Chmil**, 32 years on the 28<sup>th</sup>.

**President Peter Carter** welcomed 39 Gyros and one guest to the July 5<sup>th</sup> luncheon meeting held at the Royal Mayfair Golf Club. Cheerio was led by **Larry Dobson** and the Grace was presented by **Jim Lochhead**.

**Marty Larson** had the honour of installing **Arv Hardin** as a Director for 2016-17.

**Sheldon Weatherby** introduced our guest speaker **Mitchell Pomphrey, CEO of Pomphrey Industries Corporation**. Mitchell is a physicist whose academic and professional experience includes customized renewable/alternative energy systems and advanced energy storage for the Smart Card. He has an honours degree in Physics from the University of Ontario Institute of Technology.

Mitchell is the Project Manager for the **Leduc #1 Energy Discovery Centre's "Living Energy Project"**. This project will make the Leduc Centre the first "zero energy" museum in the world. Mitchell advised that the Living Energy Project focuses on **Discovery, Education and Innovation**.

**The Living Energy Project is designed to have Renewables and Oil working together to create a World Class Enterprise. The components include:**

- Canada's 1st Abandoned Oil Well-to-Geothermal Conversion
- North America's Largest Sun-Tracking Solar Power Unit
- World's First Carbon Neutral Oil Museum
- Live Energy Production of Geo, Solar, Wind, Oil, Gas – in One System
- Renewable Energy Systems Designed for Alberta's Oil Patch
- Built, Installed by Western Canadian Oil Service Firms
- Economic Diversification: Swiss Capital, German Technology Transfer
- Key Oil Service Company is First Nations-Owned
- Creates a Park to Showcase Oil Industry Green Technologies
- Markets Canadian Energy Sector as Clean, Lean and Innovative
- Ultra-Smart Energy System Featuring Advanced Cogeneration Technology
- Hydrocarbons-Renewables Bridging Technology
- 1st Deployment in Canada of Leading Hybrid-Inverter AC-DC Technology
- Creates a Platform for Future Energy System Innovations
- Generates International Publicity and Awareness

As a geothermal source of energy, the LEDUC # 1 abandoned well will be used for space heating within the museum. Dick Wilson, a volunteer with the Leduc #1 Board of Directors explained just how the process of using geothermal energy will work: “An abandoned well naturally fills up with water, which at that depth is warm. We’re simply going to pump that around a loop into the building where a heat extractor will take the heat out of it and convert it to hot air ... therefore we can cut our gas bill ... and then the cold water is circulated back around the pipeline loop into the well.”

The solar system will include a huge solar tracker that will tilt to follow the sun, maximizing the potential for solar energy. “That will be the biggest in North American, it’ll be four times the size of a house,” Wilson remarked.

The Living Energy project will also include an interactive display. Visitors will be able to stand on a platform surrounded by live energy production including geo, solar, wind, oil and gas. Guests will smell, hear, feel and see as they interact with the energy systems through a touch display. (Source: Devon Dispatch, April 28, 2016).



**Val Pohl** thanked our speaker for presenting a remarkable project that will hopefully transform the Alberta energy industry.  
The Free Lunch draw was won by **Sam Gruden**.

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**President Peter Carter** welcomed 36 Gyros and two guests to the July 19<sup>th</sup> luncheon meeting held at the Royal Mayfair Golf Club. **Alan Rusler** led the group in the singing of Cheerio and **Jim Lochhead** presented the Grace.

President Peter reported on a very successful **International Convention** held at **Red Lake, Ontario, July 11-17<sup>th</sup>** and sponsored by the **Mackenzie Island Gyro Club**. The **Carter's, Larson's** and **Ross's** were in attendance. 140 Gyros, Gyrettes and Partners were in attendance. **Dana Davidson** of the Toronto Club is the New International President and **Ted Shewchuk** of the Mackenzie Island Club is the new Third International Vice-President.

The International Budget was presented with a \$1600 surplus and there will be no increase in International dues.

Feedback from our club members was very positive and the food served was described as fantastic. **Well done Mackenzie Island!**

**Marty Larson, Past International President** had the pleasure of inducting **Taras Chmil** as a member of the Edmonton Club. Also present was sponsor, **Bob Bahniuk** who committed to support and mentor Taras with his duties and obligations in the Gyro fraternity.



Photo by Jim Lochhead

**Bob Bahniuk**

**Taras Chmil**

**Peter Carter**

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**Marty Larson** introduced our guest speaker **Dr. Tom Jeerakathil** who grew up in the wilds of Northern Saskatchewan and completed medical school at the University of Saskatchewan and then a neurology residency at the University of Alberta. A brief stint in Boston allowed him to complete an MSc in Epidemiology from the University of School of Public Health and Stroke Fellowship with the Framingham, Massachusetts Heart Study. He is currently **Associate Director of the of the Edmonton Stroke Program, Professor with the University of Alberta, the Northern Stroke Lead for the Cardiovascular and Stroke Strategic Clinical Network** and a **general neurology, stroke and telestroke neurologist** with Alberta Health Services. His focus is now with Stroke Ambulance Project in Alberta.

The University of Alberta Hospital and the University Hospital Foundation unveiled the \$3.3-million mobile treatment centre on July 8, 2015. It's billed as Canada's first stroke ambulance, a mobile unit "complete with a CT scanner, clot-

busting drugs and the potential to cure a stroke before the patient even reaches hospital."

Extending stroke care into rural areas is significant, because nearly 25 per cent (313) of the more than 1,300 stroke patients who received acute stroke care at the University of Alberta Hospital in 2014 came from beyond the Edmonton Zone.

"The further you live from a centre that can give clot-busting drugs for a stroke caused by clotting, the greater the chances that you're going to suffer major disability in a life-changing way, or die," says neurologist Dr. Tom Jeerakathil, who serves as Northern Stroke Lead for the provincial Cardiovascular Health and Stroke Strategic Clinical Network.

About two million brain cells are lost each minute after a stroke. Losing brain cells isn't the only challenge; doctors need to know what kind of stroke you're having to provide life-saving care. An ischemic stroke happens when a blood vessel (artery) supplying blood to the brain becomes blocked by a blood clot. About 80 out of 100 strokes are ischemic strokes. A hemorrhagic stroke happens when an artery in the brain leaks or bursts (ruptures).

The only approved treatment for ischemic strokes is tissue plasminogen activator (tPA), a clot-busting drug that improves blood flow to the part of the brain being deprived of blood flow. But if tPA is given to a patient suffering a hemorrhagic stroke, the results can be deadly. And since the treatment window for stroke is counted in hours, Doctors need to identify the type of stroke quickly — and definitively — to save critical brain cells.

In the new stroke ambulance, a radiology technologist will join the two paramedics that ride in a standard ambulance. A fully operational CT scanner will be mounted in the unit, which will also be equipped with audio and video equipment so the attending stroke neurologist at the University of Alberta Hospital will be able to see and speak to the patient in the ambulance.

If the stroke neurologist confirms the patient is suffering from an ischemic stroke, they will be given tPA in the ambulance. The goal of the stroke ambulance is to shorten the time between the onset of stroke and the delivery of clot-busting drugs — giving more Albertans suffering from stroke the chance to recover — and to live without life-changing deficits.



The Stroke Ambulance is part of a three-year pilot project that will look at:

- How quickly patients were treated;
- Where those patients came from;
- The degree to which that prognosis was changed by the Stroke Ambulance.

The total cost of the Stroke Ambulance is funded by donations. It is currently under construction and will be delivered in October 2016. The only other stroke ambulances in North America are located in Cleveland and Houston.

**Bob Bahniuk** thanked our speaker for an interesting and timely presentation. The Free Lunch draw was won by **Larry Dobson**.

Thanks to **Walter Yakimets** for his audio visual assistance!



**Interior of the Stroke Ambulance**

**“Fast Fred”**

## UPCOMING EVENTS

### **Tuesday Luncheon Meeting, Royal Mayfair Golf Club, August 2<sup>nd</sup>**

**Speaker:** Bruce Swanson

**Topic:** Wild Animals of Africa, current situation, environment and future prospects.

**Contacts:** Dick Nichols and Ron Ramsey

### **Annual GYRO/GYRETTE Golf Tourney, Legends Golf Course, Tuesday, August 16<sup>th</sup>**

**Format:** Modified Texas Scramble, 9 holes

**Tee times:** Commencing around 1:00 pm

**Cost:** Golf and Dinner \$65, Dinner only, \$30

**As usual prizes are needed!**

**Contacts:** Barry and Valerie Walker, Roger Russell

### **Tuesday Luncheon Meeting, GYRO/GYRETTE, Royal Mayfair Golf Club, August 23<sup>rd</sup>**

**Speaker:** Dr. Knut Woltjen, Associate Professor, Center for iPS Cell Research and Application (CiRA), Kyoto University, Japan.

**Topic:** Update on Stem Cell Research

**Contacts:** Sam Gruden and Bruce Foy

### **Annual GYRO/GYRETTE Corn Roast, Tuesday Afternoon/Evening, September 6<sup>th</sup>, Dayspring Presbyterian Church, 11445-40<sup>th</sup> Ave.**

**Time:** Bocce 4:00 pm, Dinner at 6:00

**Corn on the Cob, Chicken, Salad and Dessert**

**Cost:** TBA

**Contacts:** Roger Russell, Barry Walker, David Burnett and friends