



THE GYROLOG

THE GYRO CLUB OF EDMONTON
Club Charter No.18, July 29, 1921

President

Bill Taylor
780 430-0330

JANUARY 2011

1stVice-President

Ari Hoeksema
780 421-7776

Those celebrating their birthdays in January are **John Ross**, **Cliff Revell** and **John Stroppa** on the 2nd, **John Boyd** and **Jim Lochhead** on the 26th and **Jack Brown** on the 31st.

Past President

Leon Lubin
780 454-9712

Bill and **Nancy Clarke** celebrated their 39th wedding anniversary on the 4th.

Secretary

Barry Walker
780 475-0983

President Bill Taylor welcomed 26 Gyro's and three guests to the January 4th luncheon meeting held at the Royal Mayfair Golf Club.

Treasurer

Mike Matei
780 930-1780

Larry Dobson led the group in the singing of *Cheerio* and **Jim Lochhead** presented the Grace.

John Boyd introduced his guest **Bob Tait** and **Bryce Van Dusen** introduced his guest **Owen Jones**.

Directors

Chuck Gerhart
780 439-9792
Ken Willan
780 434-1306
Warren Garbutt
780-435-2961
Dick Moskalyk
780-435-6922

John Boyd introduced our guest speaker, **Doug Warren** who is Mechanical Engineer and a graduate of the University of Alberta. Doug had a career with Imperial Oil for 35 years and also spent 15 years as a volunteer with the Motor Pool at Fort Edmonton Park. In the last 10 years he has concentrated on carving at Fort Edmonton.

Gyrolog Editor

Fred Schulte
780 434-092

The Fort Edmonton Midway Project was seven years in the making and was opened to the public on July 1st, 2006. The main component of the Midway Project was the Carousel which required 50,000 plus hours by 150 volunteers to complete. Doug Warren was the Carousel Workshop Coordinator.

The Carousel is modeled on one built by the Philadelphia Toboggan Company, founded in 1904 (early roller coasters were called toboggans) , and is styled like the original PTC #40. It was one of the amusements provided by the Johnny J. Jones Exposition, a ride and attraction company that first entertained Edmontonians at the Edmonton Exhibition in 1919. For over a decade, the Jones Midway arrived each summer.



Fort Edmonton Park Carousel

Horses on PTC carousels were typically ornate, dashing figures with complex and detailed trappings and paint. Thirty- eight horses and two chariots were hand carved for the Fort Edmonton Carousel. Each horse was blocked out in eight laminated pieces of basswood, which is the preferred wood for carving. While some of Edmonton's carvers had a little experience, most had never carved before and none of the volunteers had ever carved a horse. Most of the carving work was done with hand tools and a complete set of tools and chisels cost \$750. The vision for the carousel was to recreate the old style design.

After the horses were carved, the hand sanding process commenced; the volunteer sanders were the unsung heroes. The interior facing side of the horse is called the 'money' side and is limited in carving detail and is plain. The outside of the horse is the 'romance' side and is highly detailed.

Oil based enamel paint was applied to each horse along with 6 coats of varnish. Gold leaf was used instead of gold paint. The art of gold leaf is almost a lost art but the carousel group was able to transfer skills from a retired Edmonton painter. High wear areas of each horse are touched up each winter. There are three stances of horses on the carousel and spare horses were made for each size and stance.

Some aspects of the total carousel project were contracted. A local architect prepared the plans for the new 12-sided pavilion that houses the carousel. Then the drawings went to the contractor who submitted the successful bid. The mechanism itself was done by experienced builder and carver, Chuck Kaporich of Missoula, MT. In visits to Edmonton, Chuck supervised the construction of the mechanism, platform and rounding boards by willing volunteers. Each of the 12 rounding boards sections feature an original painting on canvas by a different artist. Twelve historic Edmonton-area scenes were portrayed in oil or acrylic and were donated to the carousel. Now mounted in the centre of the rounding boards, the paintings themselves comprise a rotating gallery of art. Ornate woodwork, fancy painting, stenciling, beveled glass mirrors in shields and 1,188, 13 watt light bulbs add to the glitter of the carousel. On a 40 foot platform finished with oak flooring and ironwood trim, the horses, now mounted on brass poles, leap to life as the carousel turns.

The main carousel was finished in 2006, but the carving group wanted to do more. Other components of the midway that were constructed and carved included the Bug Ride, the Menagerie Carousel (giraffe, tiger, sea dragon etc.), the Juvenile High Striker and the Juvenile Boat Swings. The carving group is now restoring other carousel horses to raise money for Ft. Edmonton.

Allan Warrack thanked Doug Warren for his very interesting presentation and commended the skill and dedication of the volunteers.

Ken Bowes was the recipient of the free lunch draw.

Dick Nichols reported on the results of the Hockey Pool.

Game	7	December	28	Winners	First Period	Second Period	Final
Oilers vs. Sabres							
First	1	1		Bruce Rimmer	Don Roskevich	Mike Lacoursiere	
Second	1	2		Elaine Douglas	Michael Mant	Steffen Scornaienchi	
Final	2	4		Gyro	Gyro	Marion Morstad	

Game 8 January 1		Winners	First Period	Second Period	Final
Oilers vs. Flames					
First	0	1	Andrew Burnett	Justin Bergevan	Justin Bergevan
Second	1	2	Peter Fairbridge	Dan Warrack	Dan Warrack
Final	1	2			

Game 9 January 6		Winners	First Period	Second Period	Final
Oilers vs. Islanders					
First	2	0	Eric Spink	Chuck Gerhart	Chuck Gerhart
Second	2	1	Danica Russell	Bill Taylor	Bill Taylor
Final	2	1	Gyro	Erin Lucas	Erin Lucas

Game 10 January 18		Winners	First Period	Second Period	Final
Oilers vs. Wild					
First	0	2	Justin Bergevan	Justin Bergevan	Scarlett Burnett
Second	0	2	Marilyn Nichols	Marilyn Nichols	Ari Hoeksema
Final	1	4	Gyro	Gyro	Jean Thompson

Acting President Walter Yakimets welcomed 23 Gyro's and three guests to another day in paradise at the luncheon meeting held at the Royal Mayfair Golf Club on January 18th.

Cheerio was led by **Roger Russell** and the **Rev. Jim Lochhead** presented the Grace with a Scottish preamble in tribute to Robbie Burns.

Our guest speakers, **Drew McCready** and **Damian Douziech** were introduced by **Allan Douglas** and **Allan Warrack** introduced Drew's father, **Andrew McCready**.

Our first guest speaker, **Drew McCready** presented information on the **Biolithic Corporation**, a start-up Edmonton enterprise focused on improving the health and well being of patients by developing practical testing solutions. It was selected by "Canada's Top 10 Competition" as one of the top 10 companies in the life sciences sector for 2010/2011. Biolithic provides medical professionals with tools to perform accurate molecular diagnostics in a matter of minutes without requiring complicated and expensive machinery or hand held devices. The **StatAnalyzer** system has been developed over the last 10 years to accommodate a variety of sample matrices, including whole blood, plasma, urine and swab. The system also supports adaption of numerous established assays for sample preparation and nucleic acid amplification.

By simplifying nucleic acid testing, Biolithic's technology enables non-specialized personnel to conduct sophisticated nucleic acid testing for clinical diagnostics, near-patient testing and industrial testing. Biolithic has selected in vitro diagnostics as the initial target markets for the development of their products, with a particular focus on infectious diseases. The company is looking at porting a commercially available test for Chlamydia on to the system as the launch product. Acceptance of this product will lead to further partnerships and other market segments. The development pipeline would progress as shown below:

Sexually Transmitted Diseases (STD's) Chlamydia, Gonorrhoea, Syphilis, Hepatitis C and HIV.

Hospital Acquired Infections- MRSA and VRE

Respiratory Diseases- Influenza A/B

The foundation of the StatAnalyzer lies in its novel StatCartridges, which use microfluidics technology to contain and manipulate the sample alongside small volumes of pre-packed freeze-dried assay reagents. Samples are manipulated on-chip using propriety on-chip pumps and valves and can be heated using on-chip resistive heaters.

Biolithic's product requires a Health Canada medical device license before promotion and sales are possible in Canada. As a Class III medical device, approval is expected to take 215 days in the worst case and 90 days in the best case. Biolithic is targeting 180 days.

Damian Douziech of **Stark Financial** then spoke of the Alberta Venture Capital Market which is one of the sources of funding for an enterprise such as Biolithic. In Alberta the availability of venture capital is very limited for start-up companies. Funding is critical in the early stages of research and development but it is difficult to attract new capital until results are proven and a product is ready for the market. Once a product or an intellectual property component is proven, financing is easy to obtain. Stark Financial identifies market trends and determines profitable current and future market segments. Their focus is on start-up companies before they hit the stock market. Stark Financial is working with Biolithic to attract more venture capital as it proceeds to obtain Health Canada approval. The cost of moving forward to complete the application is estimated to cost between \$100,000 and \$300,000.

Allan Douglas thanked the speakers for their interesting presentations on a medical device which holds great promise for the future of health care.

Thanks to the team of **Gordon Robertson, Gary Campbell** and **Allan Douglas** for organizing this speaking event.

The winner of the free lunch draw was **Alan Rusler**.

UPCOMING EVENTS

Regular Tuesday Luncheon Meeting, Royal Mayfair Golf Club, February 1st

Speaker: Bradley Wamboldt, Suncor Director of Tailings Reduction Operations (Fort McMurray)

Topic: New Patented Tailings Reduction Operation (TRO), new procedures that will convert the effluent, which flows to the Separator, into a quick-drying, porridge-like material. Gyrettes and guests are welcome!

Contacts: Gary Campbell, Gerry Glassford and Andy Friderichsen

Gyro/Gyrette Mixed Valentines Celebration, Tuesday Evening, February 15th

Location: Derrick Club

Time: Reception 6:00 pm, Dinner 7:00 pm.

Three menu choices: Prime Rib \$53 with no wine, \$63 with wine

Chicken Supreme \$43, \$53 with wine

Salmon Filet \$43, \$53 with wine.

Speaker/Entertainment: Bonnie Yeager, Violist, Edmonton Symphony Orchestra

Contacts: Larry Dobson, Bill Taylor and Cliff Revell

District VIII Interim Convention, Fairmont Hot Springs Resort.

March 11-13, 2011

Registration Fee per couple \$225, Single \$112.50 Make cheques payable to GYRO District VIII, mail to: Al Dyck, 2005 13th Ave. S, Cranbrook B.C V1C 6L7

Hotel Room Rates: March 11 and 12, \$99/Single or Double Room plus 2% BCYHA, plus 12% HST, \$159/Suite plus 2% BCYHA, plus 12% HST.

Reservations by February 17th: 1-800-663-4979 Email: info@fhsr.com

The 2011 District VIII Convention, Wallace Idaho, June 16-19

Registration Fee: \$375 couple or \$187.50 single

Co-Chairmen: David DeRoos and Mike Hull

Convention Information:

<http://www.wallacegyros.com/resources/Registration%20Form2.pdf>