



**December 1, 2009**  
**Editor: Norm Woodcock**

**Rotary Club of  
 Saskatoon Nutana**

**Club No. 1380**  
**Founded May 31, 1961**

**Club Officers**

President	Dorothy Hudson
President-Elect	Bill Christensen
Past President	Kim Horan
Vice-President	Khysar Pasha
Secretary	Jack Scott
Treasurer	Garry Schlichemeyer

**Board of Directors**

Club Administration	Khysar Pasha
Membership	Philip Asea
Public Relations	Eileen Harvey & Dorothy Hudson
Service Projects	Bob MacGillivray
Rotary Foundation	Asit Sarkar

**Rotary Int'l President**

John Kenny

**District Governor**

Nancy Morris

**Assistant Governor**

Donna Birkmaier

**Websites**

**Club**

[www.rotarynutana.org](http://www.rotarynutana.org)

**District**

[www.rotary5550.org](http://www.rotary5550.org)

**Rotary International**

[www.rotary.org](http://www.rotary.org)

**Call to Order**

President-Dorothy Hudson called on Larry Neely to play for *O Canada* and *Rotary Grace*. Dorothy then thanked those at the desk – Harold Chapman, Don Kelly and Kent Creelman. Dorothy never thanked the Rotana editor.

**Visitors**

Greeter Jack Scott welcomed:

- Richard Florizone our guest speaker.
- Lara Prado – Exchange Student
- Jim Beveridge – Rotary Club of Saskatoon
- Wayne Knouse – Rotary Club of Saskatoon Riverside

**Makeups** - Bryan Tastad – 5 Club Public Relations Committee

**Program – Richard Florizone – Uranium Development Partnership**

Garry Schlichemeyer introduced Richard Florizone. Richard is the Vice President of Finance and Resources at the University of Saskatchewan. He has an undergraduate degree in Engineering Physics from the University of Saskatchewan and a PhD

in Nuclear Physics from the Massachusetts Institute of Technology. Richard is originally from Prince Albert and was a Rotary Exchange student in 1985.



*Rotary Exchange Student Lara Prado with guest speaker Richard Florizone, who was a Rotary Exchange Student in 1985!*

Richard was the chair of the Nuclear Development Committee that held hearings province wide into the further development of nuclear energy in Saskatchewan. The committee report was submitted to

government in March of 2009. Richard is currently involved with the Uranium Development Partnership (UDP).

There is a renewed interest in uranium as an energy source worldwide because of concerns with energy security and supply and the urgency about cutting carbon emissions. Canada is the highest per capita carbon emitter in the world but there are opportunities for more nuclear power generation since Canada has its home-grown CANDU reactor and Saskatchewan is currently the world's leading producer of uranium. The UDP has been working on identifying and evaluating value added processes for the Saskatchewan uranium resource. The uranium value added chain is as follows:

- Exploration and Mining
- Upgrading yellow cake to fuel
- Power Generation
- Management of Used Fuel –recycle or storage
- Research and Development in the areas of mining, power generation and medicine

Exploration/Mining - This is a good business for Saskatchewan with an estimated 3,000 employees (mostly in northern Saskatchewan) with an estimated government royalties of \$200m/yr. World demand for uranium is strong and expected to grow with the conversion of Russian warheads to fuel to be discontinued in 2013. Kazakhstan is expected to overtake Saskatchewan to become the leading uranium producer and Australia is becoming a large producer too. Saskatchewan needs to clarify regulations, ensure a duty to consult about development and clarify the rules so that it can maintain its competitive advantage.

Power Generation – All power generation technologies have positive and negative aspects, which make any decisions about potential new source development increasingly difficult. Hydro sourced electricity is inexpensive once the capital development is made but most easily sourced hydro has been developed worldwide. Fossil fuel sourced electricity still has its place but it has to be cleaned up. Clean coal technology at this time is unproven. Renewable developed electricity should be targeted aggressively but even the world leader in wind technology (Denmark) develops 19% of its electricity from wind power. Nuclear sourced electricity is safe (10 times safer than coal and gas) and has low carbon emissions. The capital cost of development is high and uncertain at this time. Once there is pricing in place for carbon emissions costing will become clearer. The long-term solution for generation of more electricity is a diverse portfolio of sources with a continuing public debate to help determine the balance.

Research and Development – With the synchrotron being located in Saskatoon and the expertise developed in the use of radiation, Saskatoon is ideally situated to be the Canadian neutron source. In other countries the neutron source is co-located with the synchrotron. Any investments in this area must be technically sound, make economic sense, have manageable environmental impacts and be socially acceptable.

Asit Sarkar gave thanks on behalf of the club for this excellent presentation and was thankful that a scientist was seriously engaged in this process.

## **Announcements**

- **Lara Prado** – Our exchange student gave us a review of her recent activities including learning to skate, getting accustomed to the weather and mourning the Riders' loss.
- **Dorothy Hudson** – The club donated \$1540 to Egadz for the purchase of a replacement washer and dryer.

- **Norm Woodcock** –Saskatoon Regional Health is having a volunteer’s party on December 8<sup>th</sup>. Meet at 0645 at Reggies (#1 960 Attridge Drive- behind the Market Place Co-Op), there will be a bus tour of the Enchanted Forest from 0700 to 0800 followed by crumpets and tea at Reggies. While the RSVP is by Dec. 1<sup>st</sup> –655- 4323 you can probably still get in on the party. This is for those who deliver meals on wheels from the club.
- **Ed Pek** – So far 25 members have made their Paul Harris contributions for 2009. The deadline is December 15<sup>th</sup>.
- **Lorne Braithwaite** – The club is ringing the bells at Market Mall – Safeway on December 4<sup>th</sup> with the schedule as follows: Note the need for a ringer from 0630 to 0730.

**Friday, December 4 at Market Mall Safeway**

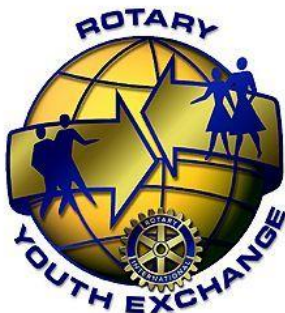
- 10:30-11:30 Bill Christensen
  - 11:30-12:30 Don Kelly
  - 12:30-1:30 Ray Bannister
  - 1:30-2:30 Betty Ann Arscott
  - 2:30-3:30 Jack Scott
  - 3:30-4:30 Sergey Fedoroff
  - 4:30-5:30 Dick Strayer
  - 5:30-6:30 Bryan Tastad
  - 6:30-7:30 ?
  - 7:30-8:30 Rick Lee
- **Jack Scott** – The annual curling match/fundraiser is scheduled for January 24, 2010 so get your 50/50 ticket and help raise \$250 for the Food Bank.

**Sergeant at Arms**

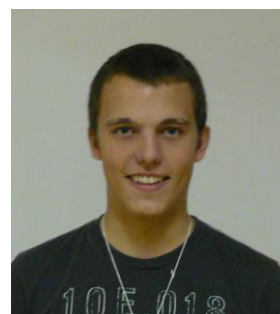
Sergeant-at-Arms Jack Shiffman reviewed the sergeants cadence fined who had any feelings what so ever about the Grey Cup game. Happy dollars of note included: Ed Pek (family get together at the big game), Harold Chapman for still being visited by his son and daughter, Asit Sarkar for the Festival of Lights, and I think Jack Shiffman was happy about his visit to David Kaplan

**Draws**

Kent Creelman won again, this time it was \$31.



**Lara Prado**  
**Brazil**  
 Now at the home  
 of Wayne Janzen



**César Janssens**  
**Belgium**  
 Now at the home  
 of John Benesh

**Program Calendar December 2009**  
**Theme: Family Month**

**Program Chair: Jim Blackburn**

Date	Attendance Desk	Greeter	Rotana Editor	Sgt-at-Arms	Speaker/Topic	Intro	Club Thanks
<b>Dec.3</b>	Meals on Wheels Driver – Jim McCartan						
<b>Dec.8</b>	Bill Christensen / Winston Gokavi	Philip Asea	Bill Sinnett	Betty Ann Arscott	Murray Scharf <i>Rotary Friendship Exchange with District 1020</i>	Jim Blackburn	Jack Scott
<b>Dec.9</b>	Meals on Wheels Driver – Kent Creelman						
<b>Dec.10</b>	Meals on Wheels Driver – Jim McCartan						
<b>Dec.15</b>	Norm Woodcock/ Khysar Pasha	Garry Schlichemeyer	Bill Sinnett	Eileen Harvey	Shelly Loeffler <i>Ecoquest Program for Grade 8 Students</i>	Jim Blackburn	Dick Strayer
<b>Dec.16</b>	Meals on Wheels Driver – Driver Needed						
<b>Dec.17</b>	Meals on Wheels Driver – Driver Needed						
<b>Dec.22</b>	Garry Schlichemeyer/ Jim McCartan	Ray Bannister	TBA	Joe Dierker	<i>Christmas Party</i>	NA	NA
<b>Dec. 23</b>	Meals on Wheels Driver – Driver Needed						
<b>Dec.24</b>	Meals on Wheels Driver – No Delivery						
<b>Dec.29</b>	No Meeting This Week						
<b>Dec.30</b>	Meals on Wheels Driver – Driver Needed						
<b>Dec.31</b>	Meals on Wheels Driver – No Delivery						

**Program Calendar January 2010**

**Program Chair: Sergey Fedoroff**

Date	Attendance Desk	Greeter	Rotana Editor	Sgt-at-Arms	Speaker/Topic	Intro	Club Thanks
<b>Jan 5</b>	TBA	Alice Hegel	TBA	TBA	<i>Club Assembly</i>	NA	NA
<b>Jan 6</b>	Meals on Wheels Driver – Driver Needed						
<b>Jan 7</b>	Meals on Wheels Driver – Driver Needed						
<b>Jan 12</b>	TBA	TBA	TBA	TBA	Tom Kishchuk <i>Large Pressure Vessels for Oil Companies</i>	Boris Kishchuk	Dick Strayer
<b>Jan 13</b>	Meals on Wheels Driver – Driver Needed						
<b>Jan 14</b>	Meals on Wheels Driver – Driver Needed						
<b>Jan 19</b>	TBA	Boris Kishchuk	TBA	TBA	Vivian Ramsden <i>Working in and with Vulnerable Communities</i>	Bryan Tastad	Bill Christensen
<b>Jan 20</b>	Meals on Wheels Driver – Driver Needed						
<b>Jan 21</b>	Meals on Wheels Driver – Driver Needed						
<b>Jan 26</b>	TBA	Larry Neely	TBA	TBA	Norm Woodcock <i>Building Roads in Saskatchewan</i>	Stan Garchinski	Rick Lee
<b>Jan 27</b>	Meals on Wheels Driver – Driver Needed						
<b>Jan 28</b>	Meals on Wheels Driver – Driver Needed						