

# BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 DR. JON FENNELL: FOLLOWING THE MOLECULES THE IMPORTANCE OF WATER TO CANADA'S FUTURE





**Carol Graham** began introducing **Dr. Jon Fennell** with the following quote:

### "Water, water everywhere, Nor any drop to drink "

These are famous lines from "The Rime of the Ancient Mariner," by Samuel Taylor Coleridge. The speaker, a sailor on a becalmed ship, is surrounded by salt water that he cannot drink.

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Please remember to provide this address to anyone you deal with on behalf of RCCS

It is my pleasure to introduce today's speaker, **Dr. Jon Fennell** who will talk to us about the future of water and whether there will be any drops to drink, use or sell.

Dr. Fennell is a Principal Hydrogeologist at Integrated Sustainability Consultants Ltd. with over 28 years consulting experience in the natural resource sector.

He received his B.Sc. in Geology from the U of S in 1985, M.Sc. in Hydrogeology from the U of C in 1994, and a Doctorate in Geochemistry from the U of C in 2008.

He specializes in water supply, disposal strategies, environmental forensics, climate impact analysis, risk assessment, and the development of mitigation and management strategies to facilitate sustainable solutions.

Jon is active in the water community and is currently co-author on a manuscript to raise awareness of groundwater, its connectivity to the surface environment, and its importance to our future water security.

I would also like to draw your attention to Jon's link to Rotary-his father is Bill Fennell who many of you know as a fellow Rotarian in Calgary for many years, who relocated to Kelowna.

Please give a warm Calgary South welcome to Dr. Jon Fennell.



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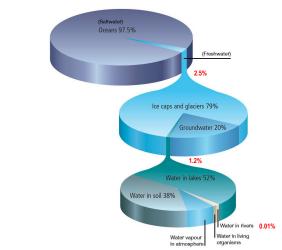
Water is a most precious resource in Canada. The challenges we are facing are a growing population with resulting increased mouths to feed, energy requirements for the masses and a need to maintain a pristine landscape.

The distribution of water worldwide shows the breakdown of 97% saline with the balance in ice caps, lake water and rivers.

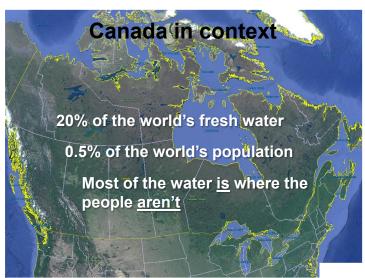
In Calgary and Edmonton, we are reliant on the water from our rivers.

Canada has 20% of the world's water with 5% of the world's population and most of the water is not where the people are. We are water rich and need to keep it that way.

### The distribution of water



Source:sanits591.wordpress.com



Jon went on to illustrate where the water is in Canada

Where does the water go? Large rivers flow into the ocean.

The flow from B.C. would be into the Pacific Ocean.

There is a big drainage into Hudson's Bay.

Ground water is a very important source of water

### Who has the water?

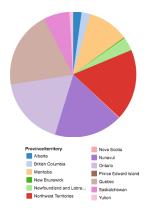
B.C. and Alberta are quantifying their ground water. B.C. doesn't have much.

Alberta is better off. The other provinces and territories don't quantify their ground water.

This is a problem.

We need to know more.

Province / Territory	% of total freshwater
British Columbia	2.2
Alberta	2.2
Saskatchewan	6.7
Manitoba	10.6
Ontario	17.8
Quebec	19.9
New Brunswick	0.2
Nova Scotia	0.2
Prince Edward Island	0
Newfoundland and Labrador	3.5
Northwest Territories	18.3
Nunavut	17.5
Yukon	0.9



Source: Statistics Canada



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### How are we using the water we have?

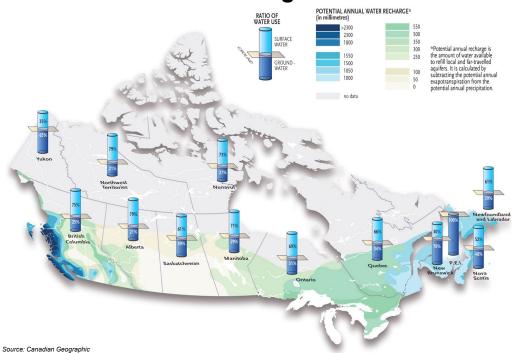
When used for power generation we use the water and it goes back to the system. The largest consumer of water is irrigation. That is used and not replaced.

More than 90% of the water withdrawn supports the Canadian economy.

Based on the 2016 GDP that equals \$1.4 trillion contribution to the GDP.

It is easy to conclude our water is very important.

### Surface water vs. groundwater





### So what does a possible future look like?

A number of threats to our water including over allocation and over use; underpricing; and trans boundary pressures (our neighbour to the south is dry). We share the Great Lakes and the Columbia River with the United States.

We are also faced with the agricultural impacts of adding nutrients to the environment, climate variability and climate change. And the list goes on.

The biggest threat is that Canada does not have a natural water strategy.

A current concern is the renegotiation of NAFTA. We managed to keep water out of the agreement last time but will we be successful this time?

### Dr. Jon Fennell's concluding message:

Develop strategies to respond to the changes and potential threats.

**Rod Bower** did the honors of thanking our speaker. He noted that most of us are happy to turn the tap on in the morning and don't think much about this resource. He thanked the speaker for raising our awareness of a very important resource and we should all look a little more closely at the reports and concerns being raised.

**President Ken** added his thanks to Jon as well. I would like to add our Club's gratitude for the time you have spent with us today, by making a donation of \$100, in your name, to our Rotary Stay-In -School Scholarship Program in honor of your visit with us today.... Thank you again.



### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 CLUB NEWS



**President Ken** opened the meeting by welcoming Rotarians and guests to the Rotary Club of Calgary South. He thanked **Frank King** and his family for the presentation last week on Vimy Ridge. It was extremely meaningful to understanding that momentous victory and the sacrifices. President Ken then invited us to join Lisa Fernandes and the head table in the singing of O Canada followed by Rotary Grace.

Head Table: Rod Bower, Shellie Marshall, John Fitzsimmons, Carol Graham and Dr. Jon Fennell

**Bulletin Editor Carol Graham** 

**Photographer** Paul Brick and Clive Pringle who also brought his camera

**Guests**: **Shellie Marshall** introduced our Guests today: Bob McKendrick (Guest: Ken Farn), Atsushi Ono (Magician), Esby (Guest: Sam Switzer), Lorne Switzer (Sam Switzer's Son), and our Exchange Students: Pablo Ruiz and Lucas Rasmussen).



**Health and Wellness**: **President Ken** reported on the health of two Rotarians: **Mel Gibson** is finally back home after an initial operation and follow up visit to hospital. **Ron Prokosch** was scheduled for a hip replacement today. President Ken suggested phone calls next week after Ron has had a chance to recover. Speedy recovery to both Mel and Ron!



**Dream Home Minute**: **Craig Stokke** explained how to get in touch with the Rostering Committee, which is comprised of 5-6 people. Please don't phone them directly but either email your issues to: **shifts@rotarycs.org** or leave a message at **(587) 287-5522**. Craig also reminded us that the roster goes "**live" on May 4**th.



#### President's Hoedown:

Corinne Wilkinson introduced Atsushi Ono, a magician originally from Japan who took second place in the "People's Awards for Magicians". He will be part of the entertainment for the President's Hoedown on May 26th. He delighted the Club with a complicated card trick that fooled us all and his sleeves were rolled up throughout the demonstration! The crowd went wild and he is clearly an excellent choice for







Social Pop Up: Speaking of the Stanley Cup, Corinne also announced the Pop-Up "Flames Away Game" Friday April 21st at the Eau Claire Barley Mill Bar/Restaurant.

Game time is 8pm. No cover charge.

the Hoedown.

Please <u>RSVP</u> Keith Davis, Toby Oswald-Felker or Corinne Wilkinson if you want to join. Go Flames Go!



### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 CLUB NEWS



New Members' Celebration & Fun Casino: Bryan Burt (or was it his twin sister Bryanna??) apologized for missing a number of meetings and saying to Kathy Demorest "Volunteer me for something!" As he said-he should have put some conditions on it! Smart lady, our Kathy! She certainly got our attention with Bryan's getup but was he as stunning as our Jim Hutchens in a dress? Perhaps that is best unanswered. As John Fitzsimmons commented we all need some therapy after that!

The serious message was buy a ticket for the celebration next Thursday and if you buy the commemorative Rotary pen, you get \$20,000 worth of Casino bucks. What a deal!





Career Days: St Mary's: Dorothea Schaab reported that we have been invited by St Mary's to participate in their Career Days by sharing your story about your formal education and the career path that you took with the students. These sessions are 30 minutes each starting at 8:30 am for 3 Tuesdays and 3 Wednesdays stating on Tuesday April 25<sup>th</sup> and ending on Wednesday May 10<sup>th</sup>. They are looking for people with backgrounds in healthcare, legal, engineering, social services, social justice and business administration.

Please contact Dorothea if you can donate your time and experience.

YEX International Dinner: Pablo Ruiz & Lucas Rasmussen: Inbound and Outbound YEX Students made a brief announcement about the upcoming International Dinner being held on June  $2^{\rm nd}$ . The students will be preparing the dessert and all the funds are in support of Shelter Box. The Goal is to raise \$17,000 this year. Tickets are \$50.00.



**Sergeant-At-Arms: John Fitzsimmons**, true to form lightened our wallets and purses today and in a matter of minutes zeroed in on a number of hapless Rotarians, in-



**50/50 Draw: Ben Steblecki** promised a good short story before having the winning ticket pulled . After the many groans from the audience, Ben asked our guest speaker, Dr. Jon Fennell to pull the winning ticket. **Larry Koper** was the lucky winner today.

### In Closing ...

A reminder that the meeting **next week is at the Carriage House in the evening**: The New Members" Celebration; and the week following the regular noon time meeting **(April 27)will be in the Blue Room in the Agricultural Building.** 



### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 MEETINGS AND EVENTS CALENDAR



April 19 Apr 20 April 21 April 26 April 27	Rotary Dim Sum Luncheon: Central Grand Restaurant at 11:45 am  New Member Celebration: Evening at Carriage House Inn  Rotary PopUp Event: Flames Game at Eau Claire Barley Mill: See Bulletin  Partners Spring Luncheon: Willow Park Golf & Country Club: See Bulletin  Janice Eisenhauer: Canadian Women for Women in Afghanistan:  This meeting will take place in the Blue Room: See bulletin for location	
<b>MAY 2017</b>		
May 4	Dream Home Registration Kick off	
May 5-7	District Conference (Red Deer):	
May 11	Bob Dubask: Myths About Reverse Mortgages	
May 18	Bethany Centre Site Tour: Details to follow	
May 25	Stay In School Luncheon: Carriage House Inn	
<b>May 26</b>	President's Hoedown: See Bulletin for more info	
<u>JUNE 2017</u>		
June 1	YEX Student Presentation: Pablo Ruiz	
June 3	Rotary District 5360 International Dinner: See Bulletin for more info	
<b>June 2-4</b>	Radium Fellowship Weekend: See Bulletin for more info	
June 8	Stampede Board Foundation	
June 15	Charity Day: Carriage House Inn	
Jun 12&13	Casino at Cowboys (Please contact Harry Pelton to volunteer)	
June 22	Rotary Profile: Ted Rowsell: Meeting at the Clubhouse	
June 29	Changing of the Guard and WCS/Large Grants Presentation	
JULY 2017		
July 6	Dream Home Kick off: Ranchman's DanceHall and Cookhouse	
July 13	No Meeting: Dream Home Operations	
July 20	Michelle Gallant: Calgary Fringe Festival	
July 27	No Meeting: Stay In School Golf Tournament	
AUGUST 2017		
Aug 3	President Bill LeClair: Inaugural Address	
Aug 10	TBA	
Aug 13	Old Tyme Country Picnic	
Aug 17	TBA	
Aug 18-20		
Aug 24	Mount Royal University Library Tour	
Aug 31	TBA	
SEPTEMBER 2017		
Sept 2	Rotary Mattamy Greenway Celebration	
Sept 22-24	Waterton Peace Park Assembly	

### **HEALTH, WELLNESS AND TRANSPORTATION**

- Contact Hugh Delaney at: <a href="https://hughdelaney02@gmail.com">hughdelaney02@gmail.com</a> or: 403 819 4872 if you know of anyone that is not well or could use a visit
- Contact Bonar Irving at bonar@shaw.ca or 403 254 8476 if you know of anyone that may need a ride



### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 NEW MEMBER PROPOSAL / ST. MARY'S CAREER DAYS





The following proposed new member is transferring from the Rotary Club of Calgary North.

### **Name: Martin Bunting**

This has been approved by the Board of Directors. If any Member objects to them joining our Club or to the assigned classification, an objection must be filed in writing and delivered to the Club Secretary by: April 23<sup>rd</sup>, 2017

Classification: Wholesale Jewellery

Proposed by: Allan Johnson Seconded by: Murray Flegel

### **Mentoring Opportunities for Rotarians**

St. Mary's High School career counsellor **Susan Huvenaars** has extended an invitation to the Rotary Club of Calgary South to participate in six career-mentorship workshops.

This is an opportunity for Rotarians and Rotaractors to share information about their chosen career and employment opportunities in their field of business.

The 30-minute sessions will be held in the River Room at St. Mary's High School (118 – 18 Avenue SW) starting at 8:30 a.m. on

Tuesday, April 25 Wednesday, April 26,

Tuesday, May 2 Wednesday May 3

Tuesday, May 9 Wednesday May 10

CAMPAS STROK HECH SCHOOL

There will be about 20 minutes available (depending on the number of participants) to talk about your chosen field of business and then 10 minutes for student questions and feedback. These sessions will be aimed at Grade 10 and 11 students.

Careers that the students have expressed interest in include: Health Care, Social Service, Engineering, Law-Legal, Social Justice and Business Entrepreneurship.

Please contact Dorothea Schaab at: 403 660 6232 or <a href="mailto:schaabd@telus.net">schaabd@telus.net</a> to register your interest in participating.





### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 ROTARY DIM SUM LUNCHEON: APRIL 19TH







## Wednesday, April 19<sup>th</sup> 11:45 AM

# Central Grand Restaurant Second Floor 1623 Centre Street North

Join our hungry group of enthusiastic Dim Sum Rotarians. You'll be glad you did.

Please RSVP to Keith Davis by April 17<sup>th</sup> in order to insure you can be accommodated.

Cell: 403-630-1983 or daviscomm@shaw.ca



## BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 POP UP EVENT: FLAMES GAME: APRIL 21ST













# Join Us for Game 5 of the Calgary Flames/Anaheim Donald Ducks Playoff Series!

When: Friday, April 21st

Where: Eau Claire Barley Mill

Private, Upstairs Lounge 201 Barclay Parade, Eau Claire

**Cost:** No cover charge.

Just Order from the menu and pay for your own food and drink.

Roast duck will be on the menu.

Time: TBD. Probably 7:30 PM for pre-game food and drinks.



### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 APRIL 27TH MEETING AND LIVE MEETINGS



See the map below. The BLUE ROOM is located under the medical "X" on map. This building has horse sculptures in front of it opposite to the Saddledome. The best place to park will be in Lot 2 or behind the Saddledome. There will be signage that points to the Blue Room by the Agriculture building. The Blue Room is on the 2nd Floor of the Agriculture Building and there is an elevator



### WATCH THURSDAY ROTARY CLUB OF CALGARY SOUTH MEETINGS LIVE

If you are out of town or unable to attend a Thursday meeting, click on this link to watch on the web:

http://ustre.am/1yHc9

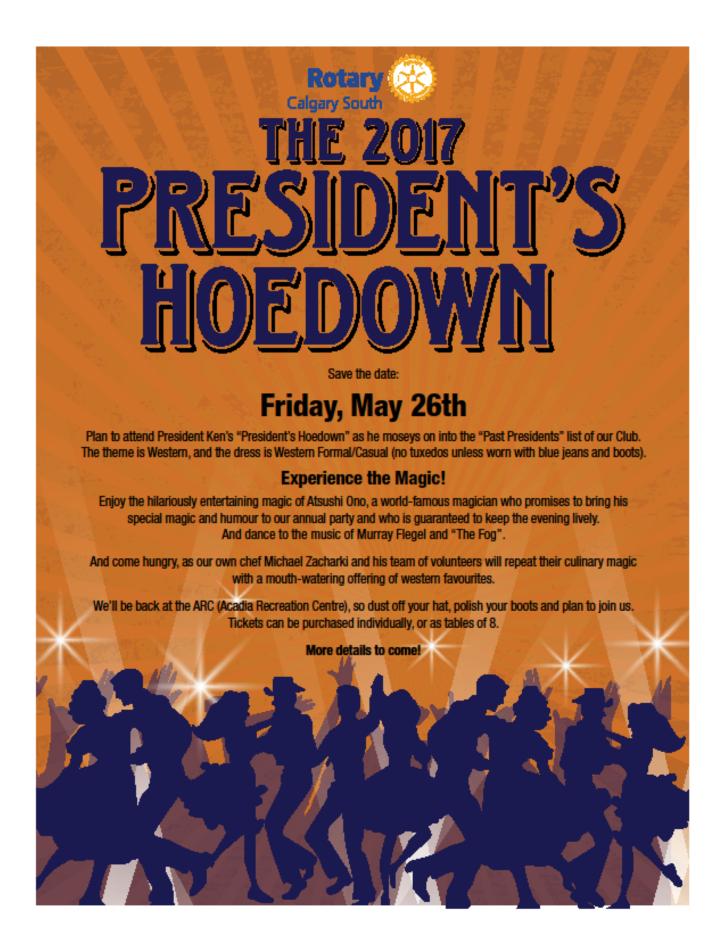
We are running this on a trial basis over the next number of weeks and appreciate your feedback! This does not qualify as a makeup at this time.

Send your comments to <a href="mailto:steve@talkinglightmedia.com">steve@talkinglightmedia.com</a>



### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 2017 PRESIDENT'S HOEDOWN







### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 2017 RADIUM GETAWAY WEEKEND: JUNE 2ND TO 4TH





New! Improved! Something for Everyone!

# 2017 Invermere Getaway Weekend

Our annual Windermere Valley Getaway Weekend is coming up fast. Our dates this year are:

### June 2nd, 3rd and 4th 2017

And changes are underway. This year the activities will be centered at Copper Point Golf Club, Invermere's most luxurious and breathtaking golf and dining facility. The theme of this year's event will be "Something for Every Person and Every Budget" and will include dining, hiking, shopping, sight-seeing or just socializing and relaxing.

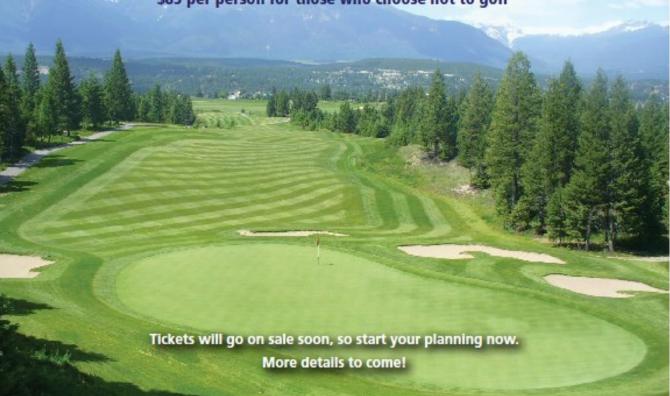
Activities include our traditional Friday evening mixer, with dinner on Saturday and lots more.

Costs are:

\$150 per person for the entire golf/dining package (including carts) excluding accommodations,

10

\$85 per person for those who choose not to golf





BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 ROTARY DISTRICT 5360 INTERNATIONAL DINNER: JUNE 3RD





Rotary District 5360

Youth Exchange 2016 - 2017

Promoting International Peace, Goodwill and Understanding

> In Support of ShelterBox June 3, 2017

MacDougall United Church 8516 Athabasca St SE, Calgary, Alberta

5:30 Reception
6:30 Parade of Flags & Dinner Service
7:30 Dessert (traditional desserts from the home countries of the students made by the students)
8:30: Entertainment by the students

Tickets \$50 per person - Tables \$400 (8 per table)

To book your tickets call or see your Exchange Student or email Ron Prokosch at: (403)651-1722, <u>Rprokosch@prokoschgroup.com</u>

Then forward a cheque via your exchange student or by mail to: Ron Prokosch to 97 Patina Rise SW, Calgary, AB. T3H

3R5











### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 DISCON AND PEACE PARK ASSEMBLY



### DISTRICT CONFERENCE

We're getting close! May 5 is just 23 days away! We're down to the finishing touches. Check out the speakers, sessions and program on <u>our website!</u> We still have room for a few more Rotarians – Register Here!

Haven't booked your room? We still have a few rooms available – the deadline has been extended to April 16! Book today!

We need prizes! Imagine the opportunity to help make the conference a little more exciting AND get a little name recognition for your organization. We are looking for a few "higher end" prizes (\$100 and up). Please contact Brenda at: <a href="mailto:brenda@vrgraphics.ca">brenda@vrgraphics.ca</a> and let her know the terrific prize you are bringing!

### **Neil Pasricha Tickets**

If you are registered for the conference (or Friday only) you are already booked to see Neil Pasricha and his amazing message of happiness and positivity. Because he is such a high profile speaker, we have opened this event to the public.

For more information, please contact Don Kelloway: <a href="mailto:dkkelloway@shaw.ca">dkkelloway@shaw.ca</a> or Tom Lewis: <a href="mailto:tklewis@live.ca">tklewis@live.ca</a>



### Join Us!

Waterton-Glacier International Peace Park Association's 85<sup>th</sup> Assembly

Waterton Lakes, Alberta September 22<sup>nd</sup> to 24<sup>th</sup>, 2017

Note: For those wanting to make reservations in the Waterton Camp Ground for the Assembly, reservations open January 12<sup>th</sup>, 2017.

https://reservation.pc.gc.ca/WatertonLakes



### BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 PARTNERS IN PRINT



**LUNCH BUNCH:** Hi everyone and welcome back to those of you who are snowbirds. I have made a change in the schedule and we are swapping restaurants for April May so we are going to Deane House this Month and White Rose next month.



Deane House is newly renovated and has had good reviews. Here is a link if you would like to review the lunch menu: <a href="http://www.deanehouse.com/lunch/">http://www.deanehouse.com/lunch/</a>

We will meet at 11:45 am. Parking is at the rear or across the street on 12<sup>th</sup> Street. There are also parking lots in Inglewood. RSVP and let me know if you can attend to: <a href="mailto:susan.brick@shaw.ca">susan.brick@shaw.ca</a> or 403-271-7734.



Hello Book Babes: Next Book Club meeting is **Monday April 24th** at the Calgary Golf & Country Club. Please note: **New Start Time: 9:30 am:** food is served **10:00 am:** Meeting begins. The fee is \$16.

Please RSVP to me at reikiangel444@shaw.ca or 403-256-1379 by Thursday April 20th.

The book we will be discussing is "On The Move" by Oliver Sacks.

Thank you and Happy Reading! Cheers,

Kelly Brittain: Book Club Chair 2016-2017

# Calgary South Rotary Partners' Spring Luncheon

April 26 at 11:30 am
Willow Park Golf & Country Club
Tickets \$35 ... guests welcome

Guest Speaker
Mary-Ann Stushnoff
founder of "People for Progress"

RSVP by April 19 to Pat Cuthbert (403.252.0156 or bill.cuthbert@shaw.ca)

Do you require a ride? contact Karen Grant (403.239.8987)

Send cheques payable to 'Calgary South Rotary Partners'
Donna Kennedy 37 Mahogany Manor SE Calgary, AB T2M 0Y3



## BULLETIN: VOL. 62: ISSUE 38, APRIL 13 2017 WEBSITE INFO AND CONTACT INFORMATION



Please ensure that you have sent your Committee Information to Bill Le-Clair for the upcoming 2017/2108 year.

Please register for all of the upcoming meetings that are going to be offsite

Please note that I will not be at the April 20th meeting and that I will be away until May 5th.

Thank you,

**Kathyann Reginato** 

### **How to Contact Us**

Administrator: Kathyann Reginato Rotary Club of Calgary South Suite 120, 200 Rivercrest Drive SE Calgary AB T2C 2V5 (403) 244-9788 kathyann@rotarycs.org

Visit us at: www.rotarycs.org

### **2016 2017 Club Officers**

President: Ken Farn: kgfarn@telusplanet.net
President-Elect: Bill LeClair: leclair@calgarylaw.com
Past President: Murray Flegel: mjf@bosslubricants.com
Club Secretary: Ted Rowsell: rowselle@telus.net
Treasurer: Larry Kennedy: treasurer@rotarycs.org
Partners President: Pat Farn: patfarn@telus.net

### **2016 2017 Directors**

**Club Service: Operations** 

Steve Mason

Email: steve@talkinglightmedia.com

**Club Service: Memberships and Social** 

Glenn Potter

Email: agpotter@telusplanet.net

Club Service: Ways & Means

Jack Haman

Email: hamanj@telus.net

### **Community Service:**

Luanne Whitmarsh

Email: <u>luannew@kerbycentre.com</u>

### **Community Service: Ways & Means:**

Charlie Gouldsborough

Email: <a href="mailto:charlie@albertasleepcentre.com">charlie@albertasleepcentre.com</a>

#### **International & Vocational Service**

Bryan Walton

Email: bwalton@cattlefeeders.ca

### **Youth Service**

Stacey Johnson

Email: sjohnson@printthree.ab.ca