

# Rotary Club of Nanaimo **DAYBREAK**

SERVICE ABOVE SELF

Newsletter Date:  
**August 10th, 2016**

Volume 21, Issue 6



Be a gift to the world

## Club Duties

If you are unable to fulfill your duty,  
PLEASE FIND A REPLACEMENT,  
then let the meeting chair know.

### August 10th, 2016

#### Front Door Greeters:

Randall Taylor & Nathan Thornton

#### Front-of-House:

Jeff Boegel

#### Invocation :

Terry Rogers

#### Introductions:

Darryl Shaw

#### Rotary Minute:

Doug Lum

#### 50/50:

Bill Brendon

#### Sgt At Arms:

Dave Thompson

Meeting Notes:  
Randall Taylor  
For Nick Dunne

### Aug 17th, 2016

#### Front Door Greeters:

Bob Wall & Mark Winkelmans

#### Front-of-House:

Jeff Boegel

#### Invocation:

Kris Rongve

#### Introductions:

Harry Stephan

#### Rotary Minute:

Patrick Maguire

#### 50/50:

Bill Brendon

#### Sgt @ Arms:

Denise Davidson

### August 24th, 2016

#### Front Door Greeters:

Donna Allen & Dave Thompson

#### Front-of-House:

Jeff Boegel

#### Invocation:

Darryl Shaw

#### Introductions:

Eileen Tatton

#### Rotary Minute:

San Mahara

#### 50/50:

Dawne Anderson

#### Sgt @ Arms:

Daryl Knievel

# Weekly Wake-up

## Upcoming Programs

Aug 10th - Tony & Judy Eastman re: Experiences in Saudi Arabia

Aug 17th - Business Meeting

Aug 24th - Makenzie Laine Forester, Timber West

## Run/Walk for Nepal...

Please mark your calendar for "Run/ Walk for Nepal" happening on September 25, Sunday at Westwood lake at 8:30 am.



## Funds to Eden Garden...

Ron Blank delivers a donation cheque to Eden Gardens CEO Ken Bibby.

Please send content and photos for the Weekly Wake-up to [robbmowbray@telus.net](mailto:robbmowbray@telus.net)

## Club Birthdays

Aug 15 Denise Larson

## Club Anniversaries

Aug 15 Dave & Cheryl Thompson

Aug 15 Daryl Knievel & Amanda Polling

Aug 15 Don & Beverley Bonner

*Meeting Notes - Aug 3/2016 submitted by Ron Blank.*

*photos by Donna Allen & Ron Blank*

Guests this morning were outbound Youth Exchange Student Sam Muir (three more sleeps to go) and his father Cam. Rod intro'd his new bride Jill Mont. Doug Pearson intro'd guest speaker Paul Kolodziej.

Rotary Moment was by ("Ahem, ahem! (Teacher voice) "Good morning!") Donna Allen. She rehashed our buddy system details and updated us on recent changes with new buddies.

Doug gave Paul's details: Chemical Engineering degrees from Purdue and U of Minnesota. Between jobs, he applied for work at NASA in California.



*Patrick receives another Paul Harris Fellow pin...*

He stayed for over 30 years with NASA in Ames, CA. Paul worked on the Space Shuttle Atlantis in 2010 and ended his career in 2014 with the Orion capsule heat shields.



*...Neil with our guest speaker, Paul Kolodziej...*

He described how NASA technology went from blueprint drawings with input into punch card computers and use of wind tunnels to research aerodynamics. Later, super computer systems analyzed data and extrapolated cause and effect. Re-entry risk to shuttle craft includes super high temperatures, up to 1,260 C degrees, on the underside of the craft and how to isolate that from the equipment and occupants inside. There are about 25,000 individual borosilicate heat shield tiles glued to the underside of the capsule and they are re-usable and replaceable.

Damage to the craft can occur during lift-off, with ice and insulation falling from the external fuel tanks. The Canadarm, used with a high resolution camera and laser mapper, examines the debris impacts during launch. They can then develop 3D images of the craters and computers and simulate the effect on re-entry. Damaged tiles would then be replaced as necessary before re-entry.

During Atlantis' last re-entry, an aircraft with high resolution thermal imaging cameras managed to capture photos of Atlantis at Mach 12 (over 9,000 mph/15,000 Km/h) and proved their computer modules were correct.

He shared that the damage to Columbus was caused by ice that fell from the external fuel tanks.

As Don said, "That, ladies and gentlemen, was rocket science.



*...Neil accepts cheque from Rod and Jill Mont...*



Rod & Jill presented \$1,000 to the Club for our help at their reception. Our guest, Paul, pulled the right ticket, but left without winning the 50/50. Ev drew the lucky number for the Foundation donation.

That being Wednesday, we ended with The Four Way Test.

*...from last week, our newest member, Bonnie Murrell, with Ken Hammer and Bob Fenty, following her induction.*

*Rotary Contacts*

**Club President:**

Neil Sorsdahl

**Past President:**

Eileen Tatton

**Vice President:**

Evelyn Boegh

**Club Secretary:**

Ron Blank

**Club Treasurer:**

Anna Jones

**Club President Elect:**

Nathan Thornton

**International Service Director:**

San Mahara

**Community Service Director:**

Harry Stephan

**Youth Service Director:**

Scott Bradford

**Club Service Director:**

Don Bonner

**Member Service Director:**

Ken Hammer

**Bulletin Editor:**

Robb Mowbray

**Assistant Governor Area 4:**

Bev Hilton, Oceanside

**District Governor 2016-2017:**

Joanne Croghan  
and Don Mannino

**RI President 2016-2017:**

John Germ

*Make-ups*

To ensure that your make-up information is properly recorded, send any info on extra meetings attended, extra committee work, service projects, online work, etc. to Denise Davidson.

*Four Way Test*

1. Is it the TRUTH?
2. Is it FAIR to all concerned?
3. Will it build GOODWILL and BETTER FRIENDSHIPS?
4. Will it be BENEFICIAL to all concerned?

*Rotary Club Meetings*

Monday – Parksville, Bayside Inn, Noon  
1st, 2nd, 3rd Tuesday – Nanaimo North, Nanaimo Golf Club, 6:10 pm  
Wednesday – Nanaimo Oceanside, Longwood Meeting Rm upstairs 5 p.m.  
Thursday – Lantzville – ABC Restaurant on Mary Ellen Drive, 7 a.m.  
Friday – Nanaimo – Coast Bastion Inn, 12:15 p.m.

**HAVE A GREAT WEEK!**

