

RICHLAND ROTARY REACTOR

September 20, 2016

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 Web Site: www.richlandrotaryclub.org

• PO Box 37 • Richland, WA 99352
 • Meetings every Tuesday at 12:10 p.m.
 Red Lion Hotel (Hanford House)
 • Charter 7390 • District 5080 • Club ID#262

Speaker Schedule for September

27th – Michelle MacArther, Lamb Weston

Preliminaries

Prez Dick Richter was again not present, off to Seattle, so President-Elect Diahann Howard opened the meeting. She called on Cynthia Vaughn for a song and Cynthia asked one of our guests, Student of the Month Mariah Johnson, to sing the National Anthem for us. Ms. Johnson has a lovely voice that rose above the muted accompaniment by the club members.

Visitors & Guests

There were no visiting Rotarians. Our guests were Sonja Johnson, mother of the student and guest of Cynthia, and Travis Leonard, guest of Phil Lemley.

Announcements

Pam Larsen stepped up to officially introduce Mariah Johnson, our first student of the month

this year. Pam brought Mariah up to the podium. She is a senior at Hanford High School and involved in as she put it, everything! This

includes National Honor Society, Student Body President, Choir and Dance. She also sings at her church and has many projects including mentoring elementary school kids in STEM subjects. She is also a voice student at Cynthia Vaughn's school. Besides all the projects, she has been brought up to think about service to others. She said it is easy to get caught up in the big projects and not think about the small acts of service, holding a door open or helping someone with their groceries. She challenged all of us to join her fellow students to do these daily acts of kindness and last thing at night, ask yourself, how did I serve others today?



PAUL HARRIS FELLOWS

Judy Addis (2S)(B)	Larry D. Jecha	Jerry J. McGuire (B)	Sam R. Volpentest (2R)(B)
Steve Arneson (1R)	Darrel Johnsen (2S)	Kathy Miller (5S)	Tom Watkins (D)(B)
Jeremy Asmus (2S)	Roy Keck	Robert D. Nichols	Ken Williams (5S)
Jim Bauer (4S)	Scott Keller	Debbie Noguera	Hal Williamson (DD)(B)
Bob Best (2S)(B)	Shelley Kennedy	Greg Oberg (4S) (B)	Jack D. Zinn (4S)
Tom Bock (1R)(B)	Tom Kirchner (1R)(B)	Thomas M. O'Brien (2S)	(B) Benefactor
Gordon Bopp (1S)	Phillip Koech	Jon M. Putz (6S)	(D) Diamond PHF
Blaine Carr (5S)	Art D. Kohler (D)(B)	Cindy Reents (1S)	(DD) Dbl. Diamond PHF
Thomas A. Cowan (4S)(B)	Dave Larkin (D)	Dick Richter (1S)	(R) Ruby
Bob De Lorenzo (D)(B)	Pamela Larsen (4S)(B)	Robert Rivera	(#R) Multiple Ruby
Jeanne Dillner (2S)	Bob D. Larson (4S)(B)	Pete Rogalsky (1S)	(S) Sapphire
Barbara French (D)	Phil Lemley (2S)	Gary Scofield (4S) (B)	(#S) Multiple Sapphires
Julie Funfar	Tim Lewis (2S)	Anjan K. Sen (1S)	
Linda Gilmore (2S)	Yosen Liu (1S)	Chris Senske (1S)	
Jan Griffin (1S)	Larry Lowry (3S)(B)	Rick Schulte	
Pat Haggerty	Bing Manawadu	Bill R. Siefken (1R)	
Leslie Hawkins (1S)	Mike McAndrew (1S)	Mike Sinclair	
Diahann Howard	Grant McCallum (3S)	Mark Smith (5S) (B)	
Jan Jackson (2S)	Bill McCue (1S)	Bob Tibbatts (1S)	

Officers

PresidentDick Richter
 President Elect.....Diahann Howard
 Secretary.....Linda Gilmore
 Treasurer.....Steve Arneson
 Foundation Treasurer.Mike Winegardner
 Past President.....Larry Lowry

Directors

Meeting Service.....Phillip Koech
 Club Service.....Pat Hollick
 Community Service.....Roy Keck
 International Service.Pete Rogalsky
 New Generations.....Jan Jackson
 Fellowship & Fund Raising.Cynthia Vaughn

Pam also mentioned that the Master Singers have two events coming up to help mark their 30th anniversary and the 100th anniversary of the National Park Service. They are doing two concerts at the B Reactor, On September 30th the event includes dinner and drinks, the one on Sunday is the concert only. Both include the bus ride leaving from the Federal Building parking lot. See the Master Singer website (midcolumbiamastersinger.org) for information.



Jon Putz, with Larry Lowry said as of today, 9/20/16, there were 6,539 tickets turned in. This puts us well behind last year at this time. Murmurs in the crowd indicate many more have been sold, but not yet turned in. Get them in ASAP folks! Larry also noted that if you didn't think you were going to get the tickets sold, get them to him as he has others willing to take more. Remember to turn out on Race Day as well. Jon said some help was needed on the barge and told Mike Winegardner he would be good on the barge as he was smaller than many in the room!



Jim Bauer brought in a flag for the Nunspeet, Netherlands club that he and Linda visited. One interesting thing there was a fund raiser where they go to the schools and recruited kids to do a six-kilometer walk carrying six liters of water with them. This symbolized the real task of many African children who do this daily to bring water to their families. People sponsor the kids in the walk to raise funds. Jim also noted the highway clean up would be October 1. Volunteers should meet at the Red Lion parking lot at 8:45 am and they would carpool to the site.



Phil Lemley came forward with his guest Richland Firefighter Travis Leonard. Lemley noted the hardest job at the Duck race was being on the barge with Jon. Then said another hard job was being a firefighter. He introduced Travis Leonard who spoke briefly about Operation Warm a national program to supply new coats, made by Goodwill Industries. Locally, the Richland Fire Department local members sponsor it. This is the fourth year. They would like to enlarge the program to all elementary schools in Richland, West Richland and Prosser. He said those interested could go to the website to donate or come by any fire station. Last year they supplied more than 120 coats to children at two local elementary schools. Our club gave a grant of \$1,500 to the program last year.



50/50

Gary Schofield said there is \$157 in the pot. Guest Travis Leonard had the right ticket, but couldn't get the right chip. Bob Tibbets had the second ticket for \$10.

Judge Ian Napier

Judge Ian asked for contributions from Cougar, Husky and Seahawks fans. He then mentioned the Duck race get together sponsored by Jacquie Wright at her restaurant last Thursday. Jacquie reports only three people from our club came. There were other attendees, though she said, and the music was great. Ian suggested we should donate for our poor attendance at the event. In Brags, C. Mark donated for Alabama "Roll Tide." Cynthia plugged the performances of Comedy of Errors and Ken Williams donated for the anniversary gift from his kids that included tickets to a Keith Urban Concert in Vancouver BC. He and his wife made a nice trip of it.

Ian then started a duck race quiz. When was the first local Rotary Duck race? 1989, How many ducks get dumped in the river? About 40,000. Who in our club has sold the most ducks, Jack Zinn or C. Mark Smith? (Jack of course, at 7,296) Who is the major sponsor? Toyota of Tri-cities the car? A Prius with 53 mpg highway and 58 mpg in town. Last was a special question for Jon Putz who was unclear on the subject last week, "who is our Head Duck, Larry Lowry or Bing Manawadu?"

Program

Stan Jones introduced today's speaker, Joe Franco, Assistant Manager of Mission Support for DOE at the Hanford Site. Joe is a native of Carlsbad New Mexico and a Navy Veteran. He previously manager of the Carlsbad Field office and also worked in the River Protection office at Hanford.



Richland Rotary Members

Judy Addis (7/89)	Pam Larsen (2/95)	Sam Volpentest (1/95)
Steve Arneson (3/02)	Bob Larson (6/90)	Tom Watkins (9/11)
Jeremy Asmus (10/07)	Phil Lemley (6/06)	James Watson (4/12)
James Bauer (1/09))	Tim Lewis (10/03)	Ken Williams (12/00)
Bob Best (4/90)	Yosen Liu (1/91)	Hal Williamson (4/88)
Tom Bock (3/76)	Larry Lowry (10/05)	Mike Winegardner (11/09)
Gordon Bopp (5/04)	Bing Manawadu (10/86)	Jacqui Wright (12/13)
Blaine Carr (12/09))	Mike McAndrew (2/07)	
Tom Cowan (4/80)	Patrick McBurney (6/09)	
Jeanne Dillner (8/01)	Grant McCallum (9/91)	
Barbara French (11/98)	Bill McCue (3/94)	
Julie Funfar (7/13)	Jerry McGuire (3/95)	
Linda Gilmore (4/12)	Chris Meiers (12/15)	
Jan Griffin (9/00)	Kathy Miller (6/12)	
Linda Gustafson (3/08)	Ian Napier (11/08)	
Al Haggerty (4/12)	Bob Nichols (8/97)	
Patricia Haggerty (4/12)	Debbie Noguerras (8/15)	
Dewayne Halstad (8/16)	Greg Oberg (1/88)	
Leslie Hawkins (11/12)	Tom O'Brien (11/98)	
Pat Hollick (8/10)	Jon Putz (5/81)	
Diahann Howard (4/08)	Dick Richter (6/08)	
Tom Huntington (5/16)	Robert Rivera (7/09)	
Jan Jackson (6/00)	Pete Rogalsky (7/05)	
Larry Jecha (8/97)	Gary Scofield (2/75)	
Darrel Johnsen (8/97)	Rick Schulte (6/14)	
Cynthia Johnson (6/09)	Anjan Sen (11/96)	
Stan Jones (10/07)	Chris Senske (1/80)	
Roy Keck (10/04)	Bill Siefken (4/87)	
Scott Keller (7/02)	Mike Sinclair (1/11)	
Shelley Kennedy (9/02)	Chris Smith (8/10)	
Tom Kirchner (3/81)	Mark Smith (3/01)	
Phillip Koech (8/13)	Bob Tibbatts (6/03)	
Art Kohler (2/87)	Greg Tripp (6/11)	
Dave Larkin (4/04)	Cynthia Vaughn (12/14)	

Honorary Members
Bob DeLorenzo, Jack Zinn &
General James Mattis

Number of Members
as of July 1, 2016

74

Current Members:

75

Gained:

Dewayne Halstad

Lost:



Mr. Franco started by summarizing accomplishments to date at Hanford. They have:

- Moved 2300 tons of spent fuel away from the Columbia River.
- Moved 16 million tons of contaminated material away from the river to a special landfill.
- Treated 13 billion gallons of contaminated groundwater
- Demolished 500 facilities and remediated those sites
- Cocooned six of the reactors, and
- Removed most of the pumpable liquid from the 149 single walled tanks.



For the next year the plans cover many projects. The main goal is to keep shrinking the footprint of the active work from the original 586 square miles to ten square miles. They are also doing readiness assessments to start demolition of the Plutonium Processing plant building. It is the most hazardous facility at the site. This work should start in a few weeks.

Preparations are underway and equipment and procedures being developed and tested to use at the Sludge Pond. It is one of the remaining contaminated sites near the river. They will also continue work at the burial ground (A18-10) where vertical pipes made from 55-gallon drums were placed and filled with radioactive waste. Currently 84 of the 94 pipes have been drilled out. There were also about 2000 drums buried there, but most of these have been removed now, but it will be a couple more years to complete this site.

The groundwater remediation will continue. The pumping and monitoring is being better integrated across the site. Waste encapsulation work continues. Waste that is currently stored in water will be put into dry casks. The tank farm will continue to be monitored and assessments done of tank integrity.

Mr. Franco hopes that 2017 will bring authorization to continue construction at the vitrification Plant High Level Waste portion. Two melters are being installed Low Level Waste area and work continues on the pretreatment facility. There will be work on testing and laboratory facilities.

Another priority of DOE is restoration of land for use in the National Monument and National Park. They are also working on upgrades to water and other utilities, and roadways. They have an obligation to continue work with local tribes with a Memorandum of Understanding in development now.

Lastly, Mr. Franco shared the enthusiasm of the staff of both DOE and contractors in community outreach and education efforts. Many are involved in STEM projects in the schools and community. They volunteer at the Reach Museum, as judges in science fairs and do presentations in the schools.

Hal's Humor

The optimist sees the glass half full.

The pessimist sees the glass half empty.

The engineer sees the glass as twice as big as it needs to be.

The chemist sees the glass completely full, half with liquid and half with air.

The drunk sees it is time to order another drink.