

**RICHLAND**

**September 17, 2019**

# **ROTARY REACTOR**

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*Web Site: [www.richlandrotaryclub.org](http://www.richlandrotaryclub.org)*

*Facebook: <https://m.facebook.com/RichlandRotaryClubWA/>*

- 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

## **September Speaker Schedule**

24th – Fellowship

### **Preliminaries**

Julie Funfar, brought the meeting to order. David Chavey-Reynaud led us in singing Hey Baby and Diahann Howard led us in the Pledge of Allegiance. Daryl gave the invocation. We then greeted folks at other tables.

### **Guests and Visiting Rotarians**

We did not have any visiting Rotarians today but did have several guests. Roy Keck hosted Heillie Den Hoed, Pam Larson hosted Jack Monrean and his father Grant Monrean, Bob Ferguson hosted Howard Crosby and Mark Smith hosted Steve Olson.

### **Announcements**

- Pam introduced September's student of the month, Jack Monrean. Jack is the son of Grant

and Sandy Monrean and is the President of the Senior Class at Hanford High School. He is involved with the Fellowship of Christian Athletes, the National Honor Society (for students that maintain a grade point average above 3.5), the DBA spirit group and the council of students from various schools that works with school district administrators. He has been playing soccer since he was 4 years old and although routinely gets injured every season, loves the sport and continues to play. Our Club gave him a Rotary coin and a certificate.



- Reminder – please turn in your Duck Race Tickets!

## **PAUL HARRIS FELLOWS**

Judy Addis (3S)(B)	Roy Keck	Rick Schulte
Steve Arneson (1R)	Phillip Koech	Bill R. Siefken (1R)
Jeremy Asmus (2S)	Dave Larkin (D)	Mike Sinclair
Jim Bauer (4MD)(B)	Pamela Larsen (4S)(B)	Mark Smith (6S)(B)
Linda Bauer (4MD)(B)	Bob D. Larson (4S)(B)	Bob Tibbatts (2S)
Bob Best (2S)(B)	Phil Lemley (2S)	Cynthia Vaughn
Tom Bock (1R)(B)	Tim Lewis (3S)	Sam R. Volpentest (2R)(B)
Blaine Carr (6S)	Larry Lowry (3S)(B)	Tom Watkins (D)(B)
Thomas A. Cowan (4S)(B)	Jerry J. McGuire (2S)(B)	Ken Williams (6S)
Bob De Lorenzo (D)(B)	Kathy Miller (5S)	Hal Williamson (4MD)(B)
Jeanne Dillner (2S)	Greg Oberg (4S) (B)	(B) Benefactor
Barbara French (D)	Thomas M. O'Brien (2S)	(D) Diamond PHF
Julie Funfar	Jon M. Putz (6S)	(DD) Dbl. Diamond PHF
Linda Gilmore (2S)	Cindy Reents (1S)	(R) Ruby
Jan Griffin (1S)	Dick Richter (2S)	(#R) Multiple Ruby
Diahann Howard	Robert Rivera	(S) Sapphire
Jan Jackson (2S)	Gary Scofield (4S)(B)	(MD) Major Donor
Larry D. Jecha	Anjan K. Sen (1S)	
Darrel Johnsen (3S)	Chris Senske (6R)	

## **Officers**

President ..... Julie Funfar  
President Elect.....Chris Meiers  
Secretary.....Jeanne Dillner  
Treasurer.....Dick Richter  
Foundation Treasurer.....Steve Arneson  
Past President.....Bob Tibbatts

## **Directors**

Meeting Service.....Tom O'Brien  
International Service.....Phillip Koech  
Community Service.....Mike Sinclair  
New Generations.....Tom Hunnington  
Fellowship & Fund Raising.....Travis Clifton  
Public Relations.....Jeremy Asmus

- Our own Linda Bauer has been nominated to be a future District Governor. Her name has been announced and her nomination is out for public comment. We can expect official notification by October 1st.
- Also, the folks planning the next District Conference need a Treasurer. Please contact Linda Bauer if you are interested.
- Diahann Howard thanked everyone that helped out with Frontier Days, the successful event what was held this past Saturday (September 14) to celebrate the 75th anniversary of the Manhattan Project.
- Barbara French again announced the Fellowship gathering at Hecate Software, 599 Stevens Drive, Richland, WA 99352-4182. This is the business of one of our own Club members (the author of this newsletter, as a matter of fact). Come by and hear about our custom software development and enjoy a few refreshments.
- Our Club's October Fellowship gathering will be at Jeanne Dillner's house and will have a Halloween theme. Wear your costumes and be ready to carve or draw on pumpkins.
- Andrew Cook announced that he is available for Duck Race ticket business after today's meeting. Come by and drop off tickets and/or pick-up new ones. We have quite a few tickets to sell and the race is quickly approaching – Saturday, October 5th is around the corner!
- Andrew Cook also announced two projects that are coming-up with Rebuilding Mid-Columbia and we need about 6 volunteers to help out with them. The first is on Saturday, October 12. We'll be building a wheel-chair ramp and doing a painting project.
- Ken announced the need to help setup the Duck Race stuff. The race is on October 05. Please get in touch with Ken if you can volunteer. Help on Thursday, October 03 would be much appreciated.

### **50/50**

The student of the month drew today's first ticket, x614. This belonged to Roy Keck but he was unlucky and didn't draw the winning chip. Roy pulled ticket x633...which belonged to the student of the month. He walked away with \$10.

### **Judge Tom O'Brien**

The Honorable Tom O'Brien was not expecting to preside over today's proceedings but quickly stepped up to the challenge. He started the judging session by working his way through the list of football interests. The Seattle Seahawks beat the Steelers...but not by much.

Jerry McGuire has been married for 52 years. A lucky man.

Linda Bauer is happy about her possible position as District Governor. She also announced that there is a Fundraising Breakfast for Chaplaincy Healthcare. This will be held on November 6 from 7:30 to 8:30 AM. Linda and Jim are hosting a table and would be happy to have you join them.

Ken, despite the rigors of life keeping things very exciting, is still sleeping well. Sleeping well is indeed a brag-able fact and he was happy to share that news with us. He also shared a story that started with the purchase of a wake surfboard from SportHaus, an enjoyable time on the river with the surfboard, his daughter and her boyfriend before he was pestered and stung by a "sweat-bee" (so called due to their attraction to perspiration). He had an allergic reaction to the sting. Sweat bees

are unlikely to sting unless you mess with them. The moral of the story - don't swat at little things flying around.

Cynthia contributed a few "happy bucks" for Julie Funfar's great job in her most recent play. Cynthia was also happy that her mother just had her 80th birthday.

Pam went to a clean-up conference in Washington DC and was happy to report that Hanford was reported to be doing well.

Daryl rode his Harley Davidson recently, went crabbing in Newport and came back with quite a bit of tuna (purchased off the dock...a bit easier than fishing for it).

**Program – Book release: *Something Extraordinary* by C. Mark Smith and Bob Ferguson.**

C. Mark Smith gave today's presentation from the podium about *Something Extraordinary: A Short History of the Manhattan Project, Hanford and the B Reactor*. His co-author, Bob Ferguson, was on the hook to take questions from the



## **Richland Rotary Members**

Judy Addis (7/89)  
Eric Andrews (9/18)  
Steve Arneson (3/02)  
Jeremy Asmus (10/07)  
Jim Bauer (3/19)  
Linda Bauer (3/19)  
Bob Best (4/90)  
Tom Bock (3/76)  
Fred Brink (6/18)  
Blaine Carr (12/09)  
David Chevey-Reynaud (4/17)  
Travis Clifton (10/16)  
Andrew Cook (3/19)  
Claire Cox (6/19)  
Jeanne Dillner (8/01)  
Richard Evans (11/18)  
Kristy Fargher (7/18)  
Bob Ferguson (3/18)  
Barbara French (11/98)  
Julie Funfar (7/13)  
Linda Gilmore (4/12)  
Jan Griffin (9/00)  
Linda Gustafson (3/08)  
Diahann Howard (4/08)  
Tom Huntington (5/16)  
Jan Jackson (6/00)  
Larry Jecha (8/97)  
Darrel Johnsen (8/97)  
Roy Keck (10/04)  
Danielle Kleist (3/17)  
Phillip Koech (8/13)  
Dave Larkin (4/04)  
Pam Larsen (2/95)  
Bob Larson (6/90)

Teri LeBlanc (6/18)  
Phil Lemley (6/06)  
Tim Lewis (10/03)  
Eric Livesay (2/18)  
Patrick McBurney (6/09)  
Grant McCallum (4/19)  
Jerry McGuire (3/95)  
Chris Meiers (12/15)  
Ian Napier (11/08)  
Greg Oberg (1/88)  
Tom O'Brien (11/98)  
Cynthia Reents (6/09)  
Dick Richter (6/08)  
Robert Rivera (7/09)  
George Sanders (8/18)  
Rick Schulte (6/14)  
Anjan Sen (11/96)  
Chris Senske (1/80)  
Mike Sinclair (1/11)  
Chris Smith (8/10)  
Mark Smith (3/01)  
Rebecca Thornton (9/18)  
Bob Tibbatts (6/03)  
Cynthia Vaughn (12/14)  
Sam Volpentest (1/95)  
Tom Watkins (9/11)  
Ken Williams (12/00)  
Hal Williamson (4/88)  
Rick Wilson (6/19)  
Mike Winegardner (11/09)  
Jacqui Wright (12/13)  
Joan Wright (3/18)

**Honorary Members**  
**Bob DeLorenzo, Tom Cowan & General James Mattis**

**Current Members:**  
**66**



audience. They both signed books after today's meeting. The presentation was organized around four anniversaries.

- The first anniversary commemorates September 1939 when war broke out in Europe and the US began to pursue a nuclear program. Albert Einstein and Leo Szilard drafted a letter to President Roosevelt (signed August 02, 1939 – the text of the letter can be seen here <https://www.atomicheritage.org/key-documents/einstein-szilard-letter>). Alexander Sachs took the letter to FDR in October 11, 1939. Rather than read the letter, Sachs read his 800-word summary of the letter which started with nuclear medicine and ended with comments on potential nuclear weapons (the focus of the original letter). FDR was not convinced of the importance during this initial meeting but Sachs was able to have breakfast with FDR the next morning. During that breakfast, Sachs told a story about Napoleon being offered steam ships. Napoleon was unimpressed with the idea (Ships without sails!?) and Robert Fulton was sent away... The message was clear and received by FDR on this second attempt – the potential of nuclear power could not be ignored. FDR ended up authorizing \$2B to create the bomb and \$3B to create a plane to carry the bomb.

- In September 1942, Major General Leslie Groves (36 years old) was assigned to run the Manhattan Project, a project of the U.S. Army Corps of Engineers. Groves's lieutenant remembered him as the biggest son-of-a-bitch that he'd ever met...as well as the most capable.

- On December 02, 1942, the world's first artificial nuclear reactor was brought on-line by a team led by physicist Enrico Fermi in Chicago.

- The large chemical company, DuPont, was (eventually) convinced by Groves to join the project but only under strict guidelines that DuPont insisted on for protection of their reputation which had been soiled in the 1930s when they were labeled a 'merchant of death'. Groves convinced them to participate based on patriotism – developing nuclear materials could end the war early. DuPont agreed but made no profits on their work, took a ceremonial fee of only \$1 and required that the contract end 6 months after hostilities ended.

- Colonel Franklin T Matthias was sent to look for sites all over the United States to produce the nuclear materials. He met with both Fermi and DuPont and was given requirements on the amount of land needed, the location of the land (away from towns with a population over 1,000 people), the necessity of a good water source and other requirements. On December 02, 1942 he found what they needed at the



### **ATTENDANCE, A ROTARY COMMITMENT** **Meeting Dates of Local Clubs**

Richland Riverside.....	Monday, Noon Anthony's Columbia Pt Richland
Richland.....	Tuesday, Noon: Richland Red Lion
Pasco/Kennewick.....	Wednesday, Noon: Clover Island Inn Kennewick
Columbia Valley Daybreak..	Thursday, 7 am: Tri-Tech Skills Ctr. Kennewick
Columbia Center.....	Thursday, Noon: Bingo Boulevard Kennewick
Tri-Cities Sunrise.....	Friday, 7 am: Red Lion Pasco

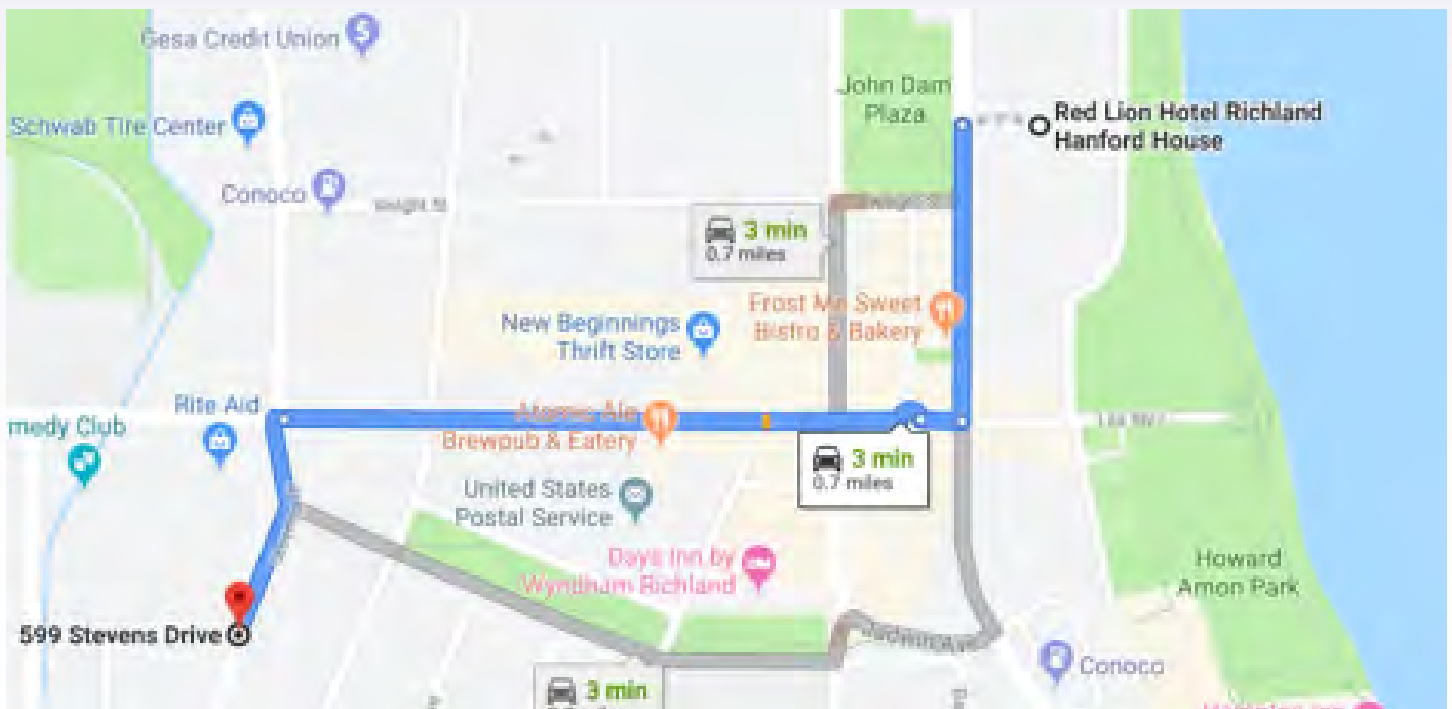


Great Horn of the Columbia River - Hanford White Bluffs. The largest population center nearby at the time was Pasco with 3,900 people. The Hanford Construction Camp was setup in 1944 and accommodated up to 45,000 construction workers.

- The second anniversary that forms the foundation of today's presentation is of the B Reactor which came on-line in August 1944. Fermi was present personally for this event. The B reactor was deactivated in 1968.
- The third anniversary is of the Columbia Generating Station, previously known as 35 WNP-2.
- Finally, the fourth anniversary is of the conversion of Hanford from production to clean-up. The Tri-Party Agreement was signed in Richland, WA on May 15, 1989.

### **Next week**

Next week, in lieu of our normal lunch-time meeting, we will have a Fellowship gathering at Hecate Software, 599 Stevens Drive, Richland, WA, 99352. This is a 0.7 mile drive from our normal meeting location at the Red Lion in Richland. We'll be there from 4:30-6:00.



### **Duck Ticket Summary Information**

Total Ticket Books in Reserve	92
Total Tickets in Reserve	2300
Total Ticket Books Passed Out	311
Total Tickets Passed Out	7775
Total Tickets Received Back	3200
Total Money Collected	\$16,000

### **Hal's Humor**

The first guy said, "My wife, she thinks so much of me that she won't let me do any work around the house. It's incredible."

The second guy says, "That's nothing, my wife thinks I'm God."

"She thinks you're God? What makes you say that?"

"Every night she places a burnt offering before me."