

RICHLAND **ROTARY REACTOR**

December 9, 2014

• *Editor: Pat Haggerty*
• *Editor Emeritus: Hal Ellner*
• *Design: Jan Jackson*
• *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 December

16th: Christmas Program
23rd: Des Howard – Electronic Warfare WWII
30th: Club Party – Fifth Tuesday Event

Preliminaries

President –Elect Larry Lowry led today's meeting in the absence of President Linda Bauer who is still recovering from a recent illness. Madeleine Brown was forced to lead us in a truncated version of a song of holiday cheer due to an uncooperative computer.

Is it the Truth?

Julie Funfar was the subject and we found she got engaged on her third date with her husband, her first job was at Arbys, she loves Broadway but took her college degree at PLU in Marketing rather than Education.

Student of the Month

Pam Larson introduced Mari Irvan, a senior at Hanford High School. The vivacious Mari is working at Energy Northwest under



a workplace learning program sponsored by the school. She does administrative work in the Nuclear Generation Office. She also belongs to the DECA club, which focuses on business and marketing, the Key club and International Club.

Rotary Induction

Linda Gilmore introduced Cynthia Vaughn for induction as a new member. Cynthia moved here from Colorado, but still maintains a business in Fort Collins as well as establishing the Magnolia

PAUL HARRIS FELLOWS

Judy Addis (D)(B)	Diahann Howard	Bing Manawadu	Bill R. Siefken (1R)
Steve Arneson (5S)	Jan Jackson (2S)	Mike McAndrew	Mike Sinclair
Jeremy Asmus (2S)	Rick Jansons (1S)	Grant McCallum (3S)	Mark Smith (5S) (B)
Jim Bauer (2S)	Larry D. Jecha	Bill McCue (1S)	Lloyd Swain (5S) (B)
Linda Bauer (4S)	Darrel Johnsen (2S)	Jerry J. McGuire (B)	Bob Tibbatts (1S)
Bob Best (2S)(B)	Cindy Johnson (1S)	Richard L. McLean (5S)(B)	Sam R. Volpentest (2R)(B)
Tom Bock (1R)(B)	Roy Keck	Kathy Miller (4S)	Gregory T. Warner (2S)
Gordon Bopp (1S)	Scott Keller	Robert D. Nichols	Tom Watkins (D)(B)
Herb Cahn (4S)(B)	Shelley Kennedy	Greg Oberg (4S) (B)	Ken Williams (5S)
Blaine Carr (3S)	Tom Kirchner (1R)(B)	Marlene Oliver	Hal Williamson (DD)(B)
Thomas A. Cowan (3S)(B)	Walt Kirkpatrick (2S)(B)	Thomas M. O'Brien (2S)	Jack D. Zinn (4S)
John Darrington	Art D. Kohler (D)(B)	Jon M. Putz (5S)	(B) Benefactor
Bob De Lorenzo (D)(B)	Dave Larkin (D)	Ed Revell (3S)(B)	(D) Diamond PHF
Jeanne Dillner (2S)	Pamela Larsen (4S)(B)	Dick Richter	(DD) Dbl. Diamond PHF
Hal J. Ellner (1R)	Bob D. Larson (4S)(B)	Robert Rivera	(R) Ruby
Barbara French (D)	Phil Lemley (2S)	Gary Scofield (4S) (B)	(#R) Multiple Ruby
Bill Friend	Tim Lewis (2S)	Anjan K. Sen (1S)	(S) Sapphire
Jan Griffin (1S)	Yosen Liu (1S)	Chris Senske (1S)	(#S) Multiple Sapphires
Leslie Hawkins	Larry Lowry (1S)(B)	Rick Schulte	

Officers

PresidentLinda Bauer
President Elect.....gLarry Lowry
Secretary.....Bob Tibbatts
Treasurer.....Dick Richter
Foundation Treasurer..Mike Winegardner
Past President.....Jeremy Asmus

Directors

Meeting Service.....Larry Jecha
Club Service.....Robert Rivera
Community Service.....Pat Haggerty
International Service.....Jim Bauer
New Generations.....Justin Raffa
Fellowship & Fund Raising. D.Howard
At Large Director....Blaine Carr

Music Studio-Riverwalk in Richland. She has a Masters degree from San Jose State and is working on a PhD at the University of Northern Colorado. She was also on the voice faculty of Colorado State University Music Department. She has a long resume of accomplishments, performances and community activities. Linda met Cynthia while selling Duck Race tickets at the Richland Farmers Market and Cynthia asked about Rotary and what they did. Jim Bauer gave the charge and we welcomed Cynthia to the club! Be sure to personally welcome Cynthia and sign her book!



Guests and Visiting Rotarians

No visiting Rotarians today. Karen Richards, a counselor at Hanford High School, accompanied our student of the month and was a guest of Pam Larson. Cynthia Vaughn was again, guest of Linda Gilmore.

Announcements

Sign up for the Fifth Tuesday New Years party on December 30. It will be at the Bauers home starting at 7 pm. Bring an appetizer and drink! More information to come!

50/50

Chris Smith had the winning ticket again (for about the 6th time this year), but not the winning chip. Pam Larsen got the \$10 prize for the second time this month!

Judge Ken Williams

Ken had a short time for judicial, but managed to expand it to the fullest! He began by asking everyone to put in \$2. He asked several detailed questions about Rotary items. Julie Funfar was able to give some answers about how to do meeting make-ups (attend a meeting at another club, attend a committee or Board Meeting, on line make up...). Others were not so good at stating Rotary's goals.



The only brags today was Diahann Howard, whose son turns 18 and Bob Larson talking to the Richland Safeway Manager to thank him for letting the club sell Duck tickets. The manager told Bob that they have money for charities, and if he was still there in February (as they conclude a merger), he would give the club \$1000 to use toward our charitable work. Well-done Bob!

Program

Gordon Bopp introduced the speaker, Steve Ghan. Dr. Ghan is a climate scientist at Pacific Northwest National Laboratory. Prior to joining PNNL in 2011 he spent five years at Lawrence Livermore National Laboratory. He is a 1979 graduate of University of Washington, and has a PhD in Meteorology from MIT. Dr. Ghan is internationally recognized in climate science for his expertise in aerosol particles and their effects on clouds and climate. He is active in the Citizens Climate Lobby.

Dr. Ghan talk was titled Climate change: Hope for the future. Ghan showed several slides documenting greenhouse gas levels, both in the near past and much farther back based on data from arctic ice cores. He also briefly discussed warming, ice cap retreat and loss of snow cover in the northern hemisphere. Ghan states that projections based on past climate data indicate a rapid loss of snow pack in the western mountains (up to 70% loss by 2080), which could drastically affect surface and groundwater resources. The last time CO2 levels were as high as they are now, sea level was 80 feet higher. He discussed why we don't see that kind of rise in sea level now. For one, sulfate aerosols mask warming effects of CO2. He points out that the world is cutting back on sulfates to improve air quality so that masking will reduce. He also noted the sea and atmosphere have not had time to react to the rapid rise in CO2 and other gas levels.



Dr. Ghan next went into the hopeful side of the scenario. The US could enact a carbon tax that accounts for the whole cost of fossil fuels (Defense costs, health costs, etc). He backs a plan

Richland Rotary Members

Judy Addis (7/89)	Stan Jones (10/07)	Ed Revell (6/08)
Steve Arneson (3/02)	Roy Keck (10/04)	Dick Richter (6/08)
Jeremy Asmus (10/07)	Scott Keller (7/02)	Robert Rivera (7/09)
James Bauer (1/09)	Shelley Kennedy (9/02)	Pete Rogalsky (7/05)
Linda Bauer (1/09)	Tom Kirchner (3/81)	Gary Scofield (2/75)
Bob Best (4/90)	Walt Kirkpatrick (9/70)	Rick Schulte (6/14)
Tom Bock (3/76)	Phillip Koech (8/13)	Anjan Sen (11/96)
George Booth (11/06)	Art Kohler (2/87)	Chris Senske (1/80)
Gordon Bopp (5/04)	Dave Larkin (4/04)	Bill Siefken (4/87)
Madeleine Brown (3/13)	Pam Larsen (2/95)	Mike Sinclair (1/11)
Blaine Carr (12/09)	Bob Larson (6/90)	Chris Smith (8/10)
Connie Corcoran (8/13)	Terri LeBlanc (5/08)	Mark Smith (3/01)
Tom Cowan (4/80)	Phil Lemley (6/06)	Lloyd Swain (8/89)
John Darrington (1/11)	Tim Lewis (10/03)	Katie Swan (10/11)
Jeanne Dillner (8/01)	Yosen Liu (1/91)	Bob Tibbatts (6/03)
Paula Duranceau (4/14)	Larry Lowry (10/05)	Greg Tripp (6/11)
Barbara French (11/98)	Bing Manawadu (10/86)	Sam Volpentest (1/95)
Bill Friend (3/09)	Mike McAndrew (2/07)	Greg Warner (3/00)
Don Frigaard (10/12)	Patrick McBurney (6/09)	Tom Watkins (9/11)
Julie Funfar (7/13)	Grant McCallum (9/91)	James Watson (4/12)
Linda Gilmore (4/12)	Bill McCue (3/94)	Ken Williams (12/00)
Jan Griffin (9/00)	Jerry McGuire (3/95)	Hal Williamson (4/88)
Linda Gustafson (3/08)	Dick McLean (10/85)	Mike Winegardner (11/09)
Al Haggerty (4/12)	Kathy McMullen (1/13)	Jacqui Wright (12/13)
Patricia Haggerty (4/12)	Kathy Miller (6/12)	
Leslie Hawkins (11/12)	Chris Meiers (9/14)	
Tom Heidegger (1/09)	Ian Napier (11/08)	
Pat Hollick (8/10)	Bob Nichols (8/97)	
Diahann Howard (4/08)	Greg Oberg (1/88)	
Jan Jackson (6/00)	Tom O'Brien (11/98)	
Rick Jansons (10/09)	Marlene Oliver (7/10)	
Larry Jecha (8/97)	Kim Pietrok (9/08)	
Darrel Johnsen (8/97)	Jon Putz (5/81)	
Cynthia Johnson (6/09)	Justin Raffa (12/09)	

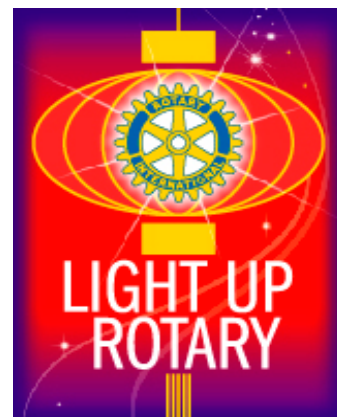
Honorary Members
Bob DeLorenzo,
Hal Ellner & Jack Zinn

Number of Members
as of July 1, 2014
93

Current Members:
92

Gained:
Chris Meiers & Cynthia Vaughn

Lost:
Keith Woods, Dee Burrie & Herb Cahn



where the tax collected would be held in trust and returned to households as a monthly dividend. This would create disincentives for oil development and production and new incentives for alternatives. Since the consumer would get back what was paid in taxes, the economy would not suffer from the heavy cost of the taxes.

Ghan pointed out there is bipartisan support for this kind of scenario and that it could actually increase Gross Domestic Product numbers. Power and fuel would come from other sources, increasing to make up the gap left by fossil fuels. This plan could reduce CO2 emissions 50% in the next 20 years and reduce deaths due to poor air quality.

Hals Humor

A tom cat and a tabby cat were courting on a back fence at night.

The tom leaned over to the tabby with pent up passion and purred "I'll die for you!"

The tabby gazed at him from under lowered eye lids and asked, "How many times?"

ATTENDANCE, A ROTARY COMMITMENT

Meeting Dates of Local Clubs

Richland Riverside.....Monday, Noon
Anthony's Home Port Restaurant
Columbia Point Drive, Richland

Richland.....Tuesday, 12:10 P.M.
Red Lion Hotel/Hanford House
802 George Washington Way, Richland

Pasco-Kennewick.....Wednesday, Noon
Clover Island Inn
435 Clover Island Drive, Kennewick

Columbia Valley Daybreak...Thursday, 7:00 A.M.
Tri-Tech Skills Center
5929 W. Metaline, Kennewick

Columbia Center.....Thursday, Noon
Bingo Boulevard
6222 W. John Day Ave., Kennewick

Tri-Cities Sunrise.....Friday, 7:00 A.M.
Red Lion Hotel Pasco, 2525 N. 20th, Pasco