

Today's Speaker is David B. Williams author of "Too High and too Steep"

David Bobanick filled in for President Tom Callahan today.

Thought of the Day: Bo Darling

Rotary is open to all religions. We are grateful for our food and it reminds us of those who are hungry.

We are on our way to eradicate Polio, only 6 new cases of Polio have occurred so far this year on the entire planet. If we can eliminate new cases for 3 years Polio will have been eliminated. We are getting very close.

Visiting Rotarians and Guests of Rotarians announced by Sara Bennett:

Guests:

Mike Cero's guest	Eric Swensen
Mike Cero's guest	Susie Cero
Orm Sherwood's guest	Sue Sherwood
Bruce Peter's guest	Susan Peters
Laurie Adam's guests	Charles Nect, and Karen Jensen
Joyce Wagar's guest	Dave Wagar
John Naye's guest	Ty Rice
Dawn Naye's guest	Jule Zorn
Tom Callahan's guest	Jen Sells

Visiting Rotarians:

Bob Wiley	Seattle 4	Retired
Judy Ginn	International District	Elementary Education

Annual Fund Results:

Goal: \$72,000

We raised \$73,185

Our club gave \$534 per person, the highest average in our district!

Paul Harris awards:

Paul Harris Fellow Awards to:

Carl Bryant, Bruce Fletcher

Paul Harris +1

Tom Buckley, Tom Callahan, Flo Chambers, Richard Davis, Connie McLean,
Peter Noone, Michael Scruggs, David Schriffin

Paul Harris+2
Ryan Flynn
Goichi Shiotsu
Robert Weber

Paul Harris+3
Tom Davidson
Gary Plano
Goichi Shiotsu
David Thompson

1/2 Marathon Recap with Gary Redman:

Our 1/2 Marathon was a huge SUCCESS!!

We will have a better idea of how much our contribution to Swedish will be as well as knowing how much will go to the club soon. The people at Swedish and the timer company complimented us on how smooth and well run our race is. We did a great job and we should feel good about our effort. Big thanks to the Mercer Island Police as well as Bruce Fletcher and his parks crew. Gary Redman got a standing ovation for his great job in organizing the event!

Polio Plus Dinners Update:

Eva Aggarwal has openings for her Polio Plus dinners. Please contact her to sign up for a dinner.

Ski and Snowboard Day. We leave on Wednesday 3/23 at 7:30am. Please contact John Naye if interested.

The Rotary Convention will be in South Korea May28th through June 1st.

Gary Plano announced: Pedro Noguera will speak at 6:30pm in the Performing Arts Center at the High School on Wednesday 3/23/16. The topic is race and race relations.

Happy Bucks with Seth:

Eva: Yogi has been away working as a research scientist, they received a grant

from N.A.S.A.. Sequoia Scientific Inc, the Aggarwall's company, was named exporter of the year.

Thanks to Mark Wischman for being amazing!

John Mathews thanked Ken McNabb for helping with his tooth. He passed the chicken test. Dr. McNabb fed John chicken to make sure the contact between his teeth would not collect food. It worked!

Sam Sullivan wanted to thank all the 1/2 Marathon volunteers.

Today's Speaker, introduced by Mike Cero, was David B. Williams:

"Too High & Too Steep" is his book. David is honored to speak to us.

This book looks at three major changes that shaped the topography of Seattle.

1st change: Filling in the Duwamish Tide Flats.

Before the tide flat was filled in, it would vary with the tides, between 15 feet deep to a mudflat. Dutch Ned started just adding sawdust to the tide flat to fill it in. Ned's effort, while minimally effective, led to the idea of dredging the Duwamish. There were 2 dredge boats that would deposit the mud up higher. Now it is Harbor Island and the surrounding area that includes the stadiums and Port of Seattle. The process of dredging is as follows: sediment is dumped behind a permeable barrier until it creates stable ground that can support building and roads. The worst place to be during an earthquake in Seattle is the north end of Harbor Island.

Here are a series of maps that show the changes over time:

2nd change: The Ballard Locks: Lake Washington was lowered 9 feet. Salmon Bay was turned into a lake. Lake Washington used to feed the Black River that used to run through Renton. The opening of the ship canal started development on the Eastside. Near Meydenbauer Bay there was a fleet of Whaling vessels. His book details the changes that were brought about by the ship canal in wonderful detail.

3rd Change: The Sexiest Change is the Denny Regrade. The hills were too steep for business. The hills needed to be removed to allow for growth of business. Reginald Thompson, who spearheaded the project, believed that if the roads were flatter they would bring about expansion of business in Seattle. There were 5 regrades done from 1897 to 1930. All the soil was moved into Elliot Bay. Water cannons were used primarily to move the soil. 24 million gallons of water a day were used to remove the soil. When the cannons were not powerful enough, dynamite was used.

To learn more, check out David's website: <http://geologywriter.com/>

Joke of the day: Why can't you trust an atom? They make up everything!