



The Appleknocker

Sebastopol Rotary Club's Weekly Bulletin

Eileen Haflich – Inventing a Fire Suppressant



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Scribe: Tony Given
Photog: Karen Daniels
Editors: J. Holst, P. Dirden, D. Still, T. Boag, HH
President 2019/2020: Keller McDonald



"All the News that Fits We Print"

AT THE BELL

Our **Fearless leader** brought the hammer down on the Roto- Bell to begin the August 2nd 2019 meeting of the Rotary Club of Sebastopol at 12:18. **Kelly Back** got things rolling by leading us in honoring the Stars and Strips. **JT Martin** then led us in singing "O' Beautiful, For Spacious Skies". The recently retired, **Honorable Bob Boyd**, gave us the thought for the day: '*Retirement is Age is an issue of mind over matter. If you don't mind, it doesn't matter*', '*A retired husband is often a wife's full-time job*', and '*Retire from work, but not from life*'.



THOUGHTS FOR THE DAY

Bob Boyd

RETIREMENT

1. Age is an issue of mind over matter. If you don't mind, it doesn't matter.
2. A retired husband is often a wife's full-time job.
3. Retire from work, but not from life.



Rotary
Club of Sebastopol



Before **Keller** adjourned us for lunch, he reminded us that Rotary Connects the world and Rotary connects us. **Big Mac** rang the meeting back to order at approximately 12:30.



Sonoma County YWCA Domestic Violence Hotline 707-546-1234

🍎 Future Programs 🍎

August 9, 2019

Pay it Forward

August 16, 2019

OFFSITE MEETING

Laguna de Santa Rosa Foundation

August 23, 2019

**Craig Anderson
Landpaths**

🍎 Events 🍎

Tamale Party

**August 10th, 9:00AM
Mexico Lindo, Graton**

Summer Picnic

**Georgetown
August 24, 2019**

Fall Fundraiser

October 26th

🍎 Miscellany 🍎

MAKEUP NOTIFICATIONS-JackEDunlap@gmail.com

On-line Make-Ups:

www.RotaryEClubOne.org

Domestic Violence Hotline:

707-546-1234

sebastopolrotary.com

🍎 ROTARIANS & GUESTS 🍎

Jack Dunlap introduced Michael McGlothlin, in the Tamale business, from Sebastopol Sunrise, Dan Bornstein, a Dentist from Santa Rosa. Dan is a real regular guy and Bill Bourns, from Cave Junction Oregon. Bill was a Sebastopol Rotarian at one time.

Ruthie Dunlap introduced her granddaughter Zoe,



Ken Jacobs introduced his daughter, Olivia. Olivia was Past President of Orchard View School Interact Club.



Amee Sas introduced her son Andrew.

Yvette Williams van Aggelen introduced Fay McNamara, our outbound exchange student, who will soon be leaving for a trip to Denmark, and will be gone for a year. **Jerry Warren** introduced today's speaker Eileen Halfich-- we will learn more about Eileen later in the program.



🍎 RECOGNITIONS 🍎

Ken Silveira parted with \$5 for adding a few more grey hairs. To celebrate the occasion **Ken** flew back St Paul Minnesota.

Frank and **Kathy Mayhew** celebrated their 25th by taking a 7000-mile four week trip to Alaska they ended up in Fairbanks. Among other things they visited Butchart Gardens and saw lots of wildlife. **Frank** parted with \$25 for the experience.



Nao Noguchi along with 3 of his friends from Japan took a camping trip to Yosemite and Nevada. Later, **Nao**, along with 8 other friends took a fishing trip to Alaska. Each person walked away with close to 100lbs of halibut each. The trip lasted 3 days. **Nao** was dinged \$15.



🍎 ANNOUNCEMENTS 🍎

Prez Big Mac thanked **Guv Rogers** for helping him proofread this week's Powerpoint--no easy task.

The Honorable Bob Boyd (also known as **The Judge**) was recognized for his retirement. **Bob** mentioned that he would be starting a law office offering arbitration and mediation services. **Prez** dinged **the judge** a big \$5 for the announcement. **The Judge** said it would be arbitrated.



Dave Schreibman, along with **Nick Gurney**, stepped forward so that **Nick** could receive his red badge. This will be the beginning of a great and rewarding experience for you, **Nick** - welcome aboard! **Nick's** sponsor was **Les Crawford**, and his mentors were **Les Crawford** and **Rick Wilson**.

ROTARY'S YWCA HANDS ON PROJECT: Sebastopol Rotary along with the Santa Rosa East Rotary completed work on this four-year project of refurbishing a home in Santa Rosa. The project is now complete ready for mom and four kids to move in and rent. Thanks goes to **Ellen Harrington** for heading this program.

ROTARY FRIENDSHIP EXCHANGE: This year our District 5130 is going to exchange our members with members from District 3042 from India from April—June 2020. This will be team a of 6 couples visiting District 5130 for 3 weeks. For our club and the AM club to participate we need 6 hosts for 3 nights. We need to show guests West County, and coordinate with other host clubs. Attend our club meeting if visiting on Friday. This is an opportunity to join the District 5130 RFE Team to District 3040 in India, November 2030 or January 2021. See **Jack** or **Ruthie Dunlap** for more info. Tell **Big Mac** if you are willing to host by August 9th



THE LIVE AUCTION: **Dave Schreiber** stepped to the podium to let us know to think about live auction items for our club's major fund raiser in October.

Every year this has provided the \$'s to fund our major projects, all the way from community grants to Youth Exchange. So give it some thought -- see if you can come up with a trip, a package or a product that would bring in some \$'s. Don't be bashful.



Why is the Live Auction So Important to **You**?

- Great opportunity to make a big difference by using your unique connections
- Feeling of deep satisfaction that your effort made our world a better place

One live auction item could bring in \$3000 which could pay for such things as :

- All the dictionaries needed for a year
- Clean water and good hygiene for a village of hundreds
- 20 families getting a Christmas they wouldn't be able to afford
- 15 computers for underserved students
- Essential life-saving equipment for fire department
- Dozens of new student desks
- Providing 30 needy children with healthy food to bring home every Friday

TAMALE SUPER STAR: **Prez** recognized **Rutie Dunlap** for her effort in selling tamales over the phone to many of her friends all in all she sold 10 packages and brought in over \$100.



SUPERPLAYGROUND REPLACEMENT PROJECT: We are running low on our tamales so we will be making more this Saturday August 3, Thursday August 8, and, Saturday August 10 at Mario's in Graton. We will also have a booth set up at the Peacetown Concerts every Wednesday at Ives Park from 5PM til 8PM. We will also need help setting up and manning our booth at the Apple Fair from Friday August 8 through Sunday August 18.

ROTARYDAY AT THE LAGUNA de SANTA ROSA: We will need from 10-20 workers for doing painting/sealing and gardening and more at the Laguna 900 Sanford Rd Saturday August 10 from 9AM til noon. See **Ellen Harrington** for details.

OFFSITE MEETING: Because of all the activity around the Apple Fair our August 16 meeting will be held at Laguna de Santa Rosa Foundations Heron Hall, 900 Sanford Rd

ROTARY CLUBS ANNUAL PICNIC: The picnic will be on Saturday August 24 from 12 to 4 at 4015 Frei Rd. See **David Still** or **Bob Cugini** for details and tickets.

RAFFLE

PDG had the right ticket but drew the wrong ball. Sorry **Guv**, better luck next time

THE PROGRAM

Jerry Warren stepped to the podium to introduce our speaker for the day, Eileen Haflich. **Jerry** mentioned that since it was just last Sunday a fire erupted at a Houston area petrochemical terminal, filling the area with black smoke, forcing residents to stay inside, that this was an appropriate time to have this presentation.

Eileen comes to us with a varied background. Her first career, after graduating from Monash University in Melbourne, Australia was in the area of city planning. After her second layoff due to lack of work, she decided to go back to school to pursue a degree in mechanical engineering. Eileen chose engineering because her family background is in engineering and she loves mathematics.

After graduating with a degree in mechanical engineering, she was hired by Union Oil and began a 30-year career in the petrochemical industry, with four different employers and multiple jobs, including two engineering consultancies. Her career culminated at Chevron refinery in Richmond where she was chosen as the project manager for a team of 300 engineers and construction crew members to develop a fire suppression system for major fires at the Chevron refinery.

Eileen stepped to the podium and mentioned she is aware of the challenges that we have had with fires over that last couple of years, but the types of fires we have had to face are different than oil refinery fires. The Bay Area is home to four refineries, and they have all had fires in recent years. Valero in Benicia only recently started back up after a major upset. It is also home to many smaller chemical plants, some of which have also had fires. Refineries are flowing with highly flammable hydrocarbons (gasoline, kerosene, propane etc.) which are often heated up to 800 degrees and pressurized to over 1000 pounds. Refinery fires are common, can last for days and can be catastrophic.



Eileen mentioned that she has spent 7 years as project manager at the Chevron Richmond refinery, and during that time there were two fires. She said that anyone who has crossed into Richmond going from west to east is familiar with the Chevron Tank Field. While at Chevron, Eileen facilitated dozens of projects, but the most memorable one was her last, a fire suppression system in the crude oil tank field. These crude oil tanks are approximately 300 feet in diameter and each tank holds up to 20 million gallons of crude oil. The most common method of suppressing a fire in a tank is to shoot water from a truck and hope that (1) that the water gets to the tank and (2) it does not evaporate on the way. It's a very time-consuming operation. Eileen mentioned that crude oil is flammable and generates an extremely smoky fire.

The Chevron field is immediately adjacent to the Richmond San Rafael Bridge and the prevailing winds carry the heavy black smoke to the city of Port Richmond and beyond.

To help meet these challenges, the engineering group has teamed with Chevron's fire department with two objectives: first provide a source of reliable water for firefighting and second install a system that would fight the fire at the tank directly and not be constrained by the wind. It took 3 years to meet these challenges and it took the involvement of over 300 people and cost over \$15 million dollars. More importantly however it has the potential to save the environment and save lives. Eileen said it was great way to end her career.



THE FINAL BELL



Our **Fearless Leader** brought the hammer down at 1:30PM on the dot!

FUTURE PROGRAMS

August 9 – Play It Forward Music Foundation

Nick Simmons and Dave Silva from Play It Forward Music School are two music teachers who've known each other for about 20 years. They originally met in the guitar class at the community college. They had been talking about for a long time, setting up their own music school, then it turned out that they both had talented students that couldn't afford to continue with lessons, so they decided to create a nonprofit, aimed at offering students in need the music lesson that can make a difference. Then the fires of Santa Rosa happened, and the situation changed. Suddenly there was also a need for instruments.



August 16 – OFFSITE at Heron Hall

Laguna de Santa Rosa Foundation, more info to come.

August 23 – Landpaths CEO Craig Anderson

Craig has been the Executive Director of LandPaths since 1997. Craig is LandPaths lead on new nature preserve acquisitions and helped develop Bayer Farm as a place for renewing community and seeking social equity via access to open space and clean food. He speaks annually to international audiences at the Land Trust Alliance and was chosen by Bay Nature Magazine as its 2014 Local Conservation Hero. A fifth generation Californian, Craig received his MS degree in Range Management from University of California Berkeley after stints at the Nature Conservancy and Yosemite Institute. He directed the Outdoor Classroom Program, including wilderness trips, at the Ojai Valley School from 1989 to 1992. In his spare time he enjoys offshore kayak fishing, wild foraging, farming his front-yard, and playing music in the "Sonomacana" band Cahoots. Craig lives in Santa Rosa with his wife Lee Hackeling and their two children.



ROTARY CLUB OF SEBASTOPOL

ANNUAL PICNIC

AUGUST 24 2019 12-4 pm

**AT THE WORLD FAMOUS
GEORGETOWN**



4015 FREI ROAD, SEBASTOPOL

BBQ LUNCH WITH ALL THE FIXINS & DRINKS

****\$15 PER PERSON**

*****\$25 PER FAMILY**