



# ROTARY CLUB OF BENICIA

Club founded in 1967

## Canvasback Missions

On November 6 and November 13, Jacque Spence and Jamie Spence were our guest speakers for Canvasback Missions. Unfortunately, your bulletin writer was on vacation and unable to write about what they shared. However, you can learn more by visiting [www.canvasback.org](http://www.canvasback.org). The website includes great videos about their work in the Micronesia.

## Tuesday 11/27 — Our Meeting is at Liberty High School

Our meeting will be held at Liberty High School and catered by Nani Ornelas from Elviarita's. A yummy lunch and a great meeting! See you there!

## Tuesday 12/11 — Our Rotary Holiday Party

Our annual Holiday Party is scheduled for 12/11/18 at 5:30 PM at Estey Real Estate. Our dinner is being catered by Venticellos. You have two different entrees from which to select, including a traditional house salad, fresh bread and tapenade, plus a fabulous dessert. **Plan on bringing whatever you would like to drink.** Bottled water will be provided. This is



## An Overview of Valero — Paul Adler

Paul Adler has just completed his sixth month at Valero in Benicia. His position is Community Relations and Governmental Affairs Director. A big title for a big job at a big refinery!

Paul's talk today was an overview of many facets of Valero: a Valero Energy Overview, Refining in California, a Benicia Refinery Overview, Basics of Refining, and Emissions and Energy Use. The best way to summarize his great presentation is with key facts:

There are 14 refineries through the US that produce 3.1 million barrels per day (BPD) of gas and diesel. Valero has been the largest independent refinery until recently. Valero employs over 10,000 people.

With diagrams, Paul explained how oil gets from below the ground to your car, and who decides how much gasoline costs.

In 1965, California had a population of 18.6 million, there were 40+ refineries, and the gasoline demand was 5.6 billion gallons/year. Today, California's population is 39.2 million, there are 12 refineries, and the gasoline demand is now 15.6 billion gallons/year. California is the world's 4th largest gasoline market in the

a time for you to bring a friend or spouse or significant other — all at no charge for you or your guest. Remember, we will NOT meet for lunch on 12/11. Put this on your calendar!

## Happy Dollars

Bob Triglia was on vacation in Tucson and Palm Springs. He LOVES Thanksgiving, but he was \$10 happy to be back at work!

Bill Warren was simply happy — just because — and donated \$70 for a holiday meal!

Paul Adler had a birthday last week and was \$28 happy!

Sue Hutch went to Tucson to visit the grandkids and was \$5 happy.

## Salvation Army Bell Ringers Needed at Raley's

Our Rotary Club traditionally has "rung the bell" at Raley's for many years. Workers are needed for 2-hour shifts from 10:00 AM to 4:00 PM on Friday, November 30, Saturday, December 1 and Sunday, December 2. Let Paul Adler know if you can assist!

## Noteworthy

On November 17, our own, Heidi Benjamin, was installed as an Officer — the Gateway Chapter #3, Order of the Eastern Star — at the Springbrook Masonic Center in Vallejo. Congratulations, Heidi!

world, with the rest of the US, China and Japan ranking 1st, 2nd, and 3rd. We have more than 30 million cars and light trucks on our roads today. The demand for gasoline is coming back with broader economic recovery and employment.

The fuel market in California is nearly self-sufficient. There are no pipelines coming into the state. Marine deliveries from the Gulf Coast and the Far East are generally cost prohibitive. Northern and Southern California are distinct fuel markets, and are not connected by pipelines. California's fuel specifications are highly regulated by regulatory agencies, and by public scrutiny.

Ethanol is an important renewable fuel source, originating in the corn belt of America. There are 14 ethanol plants with a 1.73 billion gallon annual production capacity. This ethanol is blended with our transportation fuels as an additive to provide a cleaner end product. Ethanol demand is expected to increase globally.

Our local Valero refinery in Benicia has a 165,000 barrels per day capacity. The refinery employs 430 people. Valero is a major landowner here in Benicia with nearly 900 acres and 400+ acres as a buffer around the facility. The refinery and its associated facilities fees and taxes produce 25% of the City's General Fund. The refinery (1966) was built on lands occupied by former US Army arsenal. The refinery was originally designed and constructed to process Humble Oil's share of Alaskan North Slope oil. By 1969, the first crude unit was up and running. In 1996, there was a large upgrade to the facility to allow it to produce reformulated gasoline products. In 2000, Valero acquired the refinery from Exxon. In 2001, Valero acquired Huntway asphalt plant. In 2003, Valero began a huge project improvement to help make this facility one of the best and one of the safest.

Valero's goals are **safety** (injury free workplace), **environment** (eliminate environmental incidents), **reliability** (provide positive, predictable performance), **profitability** (deliver stay-in-business returns), and **organizational capability** (develop personnel to support safe, stable, compliant and reliable operations).

Paul talked about many more aspects such as crude oil characteristics, what's in a barrel of oil, the refining, processes, and even gave us a list of vocabulary terms. Our vocabulary term to Paul...."Great presentation!" Thank you, Paul, for speaking to our club and sharing such important information.