



Rotary Club of Pearl River, P.O. Box 824, Pearl River, NY 10965

District 7210 - Region 8 - Zone 32 - Club #4982 - Charter Date December 12, 1935

www.rotaryclubofpearlriver.org

Rotary Serving Humanity

Larry Vergine, President 2016-17

Meeting of August 18th 2016

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The Four Way Test

Is it the truth?

Is it fair to all concerned?

Will it build good will and better friendship?

Will it be beneficial to all concerned?

Pledge: Ann Taylor

Invocation: "It's remarkable how much you can accomplish if you don't care who gets the credit" Harry S. Truman.

Visiting Rotarians- Chuck Connington of Congers/Valley Cottage.

Chuck came to sell raffle tickets for his club's major fundraiser to be

held on Sept 25
"It's Italian"
explained Chuck.



Birthdays- Chris Kormusis, Alan Trugman (both led our singing), Don Brenner, and Art Aldrich.

Anniversaries- Nancy and Brian Quinn, Marty and Gene Erickson, Jennifer and Kirk Flynn. Brian masterfully led the Anniversary Song. Jim Trojan offered the bit of trivia that our anniversary jingle, based upon the William Tell Overture, and a featured in a famous Flintstone's episode, was first introduced by Past President Mark Griffith Sr. We still sing that darn song.

Announcements- Dorothy encouraged us to buy tickets to the Eileen



Ivers Band concert on Sept 30th at Dominican College. Eileen



Ivers, master on the violin, was an original star of Riverdance on Broadway, nominated for an Emmy, and won a Grammy Award. (see the attached flyer for details).



Frank Neeson has asked all to join and support what may be our last Scholarship Golf Outing Fundraiser. Players please sign up now so your shirt can be ordered. Tee sponsorships are also available.

The STEP (Schools To End Poverty) barbecue featured our PDG Nick and new DG Louis Turpin this past weekend. Representing our Club were all Past Presidents: Dorothy, Jim Murphy, Bob Simon, and Carol



McGrath. This year STEP will be completing a school addition to hold 500 more students. Our Club has been a continual supporter of this wonderful project started by Spring Valley Rotary. PR Rotarians Jim Murphy and Jeffrey Keahon even traveled with STEP volunteers into Vietnam to assist. Carol thanked all those who expressed care and concern over the loss of her dad just over a week ago. Fellowship Chair Lisa is circulating a sign-up sheet for those interested in a possible group gathering for an Army Football game at West Point. These have been very popular club events in the past.



Queen of Hearts- Despite very little money in the pot, mayhem broke out over a contested ticket but the judge's (Eddie) decision was final. The queen still resides safely in the deck for next week.

Happy Bucks brought to us by President-elect Doreen Buonadonna- Eddie Fisher reports that Raselle's health is improving. Newlywed Ed Reynolds will be visiting the former "Iron Curtain" countries with newly-wife Jo. Frank Neeson's 50 foot tree fell but missed his house, cars, and boat. The shed was not so lucky. Sandy and Mike are back from the

Finger Lakes and winery tours. Despite their best efforts "There is still some wine left" reports Sandy. Brian says that his sweetheart Nancy will be entering the 5K "Race for Recovery" next week. Barbara has mixed emotions that her house is under contract for sale. President Larry was "very happy last night" but today is another matter.

Program- Zika Virus by Jonathan Bellush, Club Scientist



Of course we can't recap the entire program, you had to be there, but here are some facts we learned:

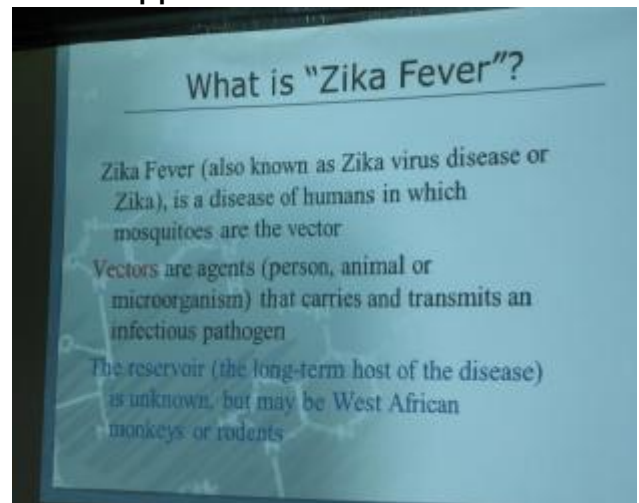
Zika is a virus, it needs a host (human, mosquito) to live in. Without a host a virus cannot survive.

Symptoms- very few, sometimes none, but often slight fever, sore throat, sore muscles and joints.

Women who have recovered from Zika virus infection appear to be immune. While it sounds like it would be easy to develop a vaccine like Salk's 1952 successful polio vaccine, this is not an easy feat. If it was, explained Jonathan, we would already have an effective HIV or cancer vaccine. (Albert Sabin produced the first permanent oral polio vaccine in 1963, right across the street, at Lederle Labs in Pearl River).

Currently, in addition to no vaccine, there is no treatment for Zika.

Of babies born with Zika infection, 20% may appear normal. Microcephaly is only one of the results of the disease.



Men may carry the disease and infect their partners through sex, long after exposure. The WHO recommends men abstain from sex or use condoms for six months after exposure in Zika prone areas.

50% of all pregnancies worldwide are unplanned greatly raising the risk of unintended Zika infection of babies.

Zika was first discovered in 1945.

The virus was first isolated in April 1947 from a rhesus macaque monkey that had been placed in a cage in the Zika Forest of Uganda, near Lake Victoria, by the scientists of the Yellow Fever Research Institute. A second isolation from the mosquito *A. africanus*



followed at the same site in January 1948.

Efforts to combat Zika are currently aimed at reducing mosquito transmission. Aside from targeting mosquito breeding areas, releasing sterilized male mosquitos is being tested. Another method being explored by a Cornell lab is releasing male mosquitos infected with a bacterium, *Wolbachia pipientis*. When these males

mate with local females, the females pick up *Wolbachia* which causes them to lay eggs that will not hatch.

Unfortunately, *Aedes* species mosquitos, the ones that transmit Zika (*Aedes aegypti* and *albopictus*), quickly develop insecticide resistance making spraying much less effective. *Aedes aegypti* are common in California and while no local cases of Zika have been reported there is concern about returning travelers from the Olympics in Brazil and other "hot spots".

Thanks Jonathan for a very interesting and enlightening program

Four Way Test- Raj Mehta

Bulletin editor this week: Mark G