

# Palo Alto Rotary Pinion

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Reporter: JOHN KIDD

Editor: LYLE CONNELL



## PRE-PROGRAM

After Visiting Rotarian Steve Ross led us in the Pledge of Allegiance, DAN QUINN pledged the obligatory President's Club donation so that he could share the virtues of his guest, friend, and Visiting Rotarian Sudhauslu Jain. Sudhauslu, from Santa Clara, evidently walked his talk of 'being the change' and retired early to work full time on the issues of climate change and

Rotary's Polio Plus campaign.



YORIKO KISHIMOTO followed suit by announcing she and her husband had the pleasure of meeting the Dalai Lama at the Toyko Tibet Center. His teachings about listening with an open heart proved invaluable to YORIKO as she experienced the hammering of strong opinions received by all Palo Alto City Councilpersons.

And STEVE EMSLIE reminded us that the deadline for reservations for the 6:00PM, 6/29/15 Debunking Party at Shoreline is next Monday, 6/22/15.



SUSAN LUTTER, who occasionally 'makes-up' in Paris, was asked to be guest speaker for a meeting of the Paris West Rotary Club (which happens to contain many Stanford grads). She talked of her work as Director of the Pan African Sanctuary Alliance, supporting the rescue and rehabilitation of primates in Africa. And she mentioned the Palo Alto Rotary Club's participation in support of the efforts. Paris West got a terrific program, presumably Susan got at least got a great Parisian dinner, but all we got was a banner.

BILL FOGARTY and JULIE JEROME, outgoing and incoming Chairs to the Palo Alto



Endowment Fund Board, announced this year's contribution to our Annual Charities from the Endowment Fund; \$36,315 from a fund of over \$700K. We've come a long way in 6 years when the fund was less than \$400K. We are all to be congratulated.



Additional items relating to the Palo Alto Rotary Annual Charities coffers: MIKE McMAHON offered open spots on next Saturday's tour of a nuclear sub in San Francisco. Talk to MIKE if you are interested.



BETSY BECHTEL made an additional contribution due to the rousing success of DICK BUSH'S progressive dinner party.



JIM SUTHERLAND popped for \$100 to celebrate his grandson's achievement of a PhD in Chemistry from Cal Tech.

## PROGRAM

New member KATHY SHEN introduced a most impressive report from Joseph Steigner, Director of Stanford University's Sustainability Program. Evidently nearly half of the nation's energy consumption is for the lighting, heating and cooling of buildings.



It should be no surprise then, that the University's decided to spend half a billion (that's a B) dollars to upgrade the campus building space heating and cooling system. Stegner and his group were challenged to find a way to cut down on CO2 emissions without raising costs to the University. They came up with the now-implemented plan that not only has reduced emissions, but also resulted in the bonus of what will be approximately a \$300 million savings to the University. And despite East coast

detractors who suggest it is all the dreaming of 'left coast ideologues', the innovative thinking has produced results that are demonstrable using rigorous engineering and economic analyses.

The details are obviously technical and complex. The existing space heating and cooling of 150+ buildings with a central co-generation system was state of the art in efficiency when installed about 30 years ago. There were three primary energy-wasting problems that were not solved then, but which can be today. Doing so helps explain the dramatic 68% decrease in CO2 emissions for less cost. The previous system: 1) wasted the energy of reheating cooled air to arrive at comfortable room temperatures; 2) wasted the energy - and coincidentally water - associated with evaporative cooling towers; and 3) wasted the energy associated with high heat-loss steam piping throughout the campus. The new Central Energy Facility, with it's 22 miles of new hot water piping, eliminates these energy losses, as well as dramatically reducing the University's water consumption. For a look see, the CEF is open for public tours every other Thursday. For more about this successful venture that is destined to be a harbinger of tomorrow's energy use for urban planners everywhere, go to <https://sustainable.stanford.edu>

## UPCOMING EVENTS

June 22: George Koo: "Time to Change Our Conversation About China"

June 29: No lunch Meeting

6:00 p.m. EJ's Debunking at Michaels at Shoreline

July 6: President Katie's first meeting of the year!