

ROTARY CLUB OF HAYWARD

High Gear



November 30, 2009
 Volume 85, Issue #116
 Editor: Norma Rees



"Home For The Holidays"

At Stonebrae Country Club
 23 Stonebrae Country Club, Hayward, CA 94542

Saturday, December 12th, 2009

Black Tie Optional • Dinner & Dancing
\$75.00 each, including Wine at the Table



DINNER:

Charbroiled Salmon

Roast Bistro Fillet Medallions of Beef

Vegetarian upon request



COCKTAILS: 6:00 PM

No Host Bar

DINNER: 7:00 PM

DANCING To 11:00 PM



Music by
"The Standard Time Quartet"



Clip and Return

\$75.00 per person prepaid - Please make check payable to **Hayward Rotary Club**.

Enter Quantity Below

- Charbroiled Salmon**
- Roast Bistro Fillet Medallions of Beef**
- Vegetarian**

Name _____

Address _____

City _____ State _____ Zip _____

Email Address _____ Phone _____

Payment By: Check _____ Visa _____ MasterCard _____

Card Number: _____ Exp. Date: _____

Signature _____



Please
RSVP By
Dec. 5th, 2009

Mail to:

Steve Rubiolo
 20519 Cambridge Ave.
 Hayward, CA 94541

Qty of Tickets _____ @ **\$75.00** each = Total \$ _____

Check# _____ Total \$ _____



Today's Greeters were **Laura Simpson** and **President-Elect Dave Elkins**. **President Rob** called the meeting to order, reminding us that it was the 21st meeting of our 88th year! The Future of Rotary Is in Your Hands. The Pledge of Allegiance to the Flag was led by **George Pacheco**. **Andy Krake** and **Chuck Horner** led us in God Bless America. **Cate Steane** gave us this Thought for the Day: From Dietrich Boenhoffer: *The measure of a society is what it does for its children.* And a statistic: *On any given night, there are about 1,000 homeless children in Alameda County.* Visiting Rotarians: **Cate Steane** introduced Bob Tucknott of the Dublin Rotary Club. Guests: **Maria Elena Rivera** introduced Hector Garcia; **Ed Avelar** introduced his daughter **Becky Avelar**. **Andy Krake** led us in **Hello!** to greet our guests.

ANNOUNCEMENTS: **President Rob** tried to say something, but was upstaged by Lights Out! And a candlelit birthday cake for **Brian Schott**, from someone who thinks we have not honored **Brian** enough. Happy Birthday, **Brian!** (also **Jim Hanson!**)

Back to **President Rob:** The Holiday Party is December 12, so if you haven't send in your response be sure to do so quick, so we can be sure to have a great party! Send your checks and responses to **Steve Rubiolo A.S.A.P!**

Ed Mullins called our attention to the Hayward Educational Foundation flyer on our tables, noting that the luncheon will be held on March 25, 2010, at Cal State East Bay. Mark your calendars!

Debby De Angelis asked us, How do you save the world? Answer: one person at a time. Today is your last day to give to the Hayward Rotary Foundation during the current drive, so do it!

President Rob reminded us that the Rotary International Convention will be in Montreal, June 20-23, 2010. Not too soon to start planning!

Downtown Hayward's Light Up the Season is this week, December 3, 5:30-8:30 pm – you don't want to miss the fun and food!

The Hayward Chamber of Commerce Annual Awards Gala will be January 30th, 5:00 pm, Cal State East Bay, recognizing one of our own: **Charley Plummer**, who will receive the Lifetime Achievement Award.

President Rob invited to the platform **George Pacheco** and **Don Mai**, both Paul Harris Double Sustainers, and **Joseph Vilardi**, a Super Sustainer! Applause for all. **President Rob** asked **Wayne Wright** to help remind us that Paul Harris was born in 1865, and held the first Rotary Club meeting on February 23, 1905. We go back a long way!

Nels Nelson reminded us about the Bell Ringing for Salvation Army, and passed around the sign up sheet.

FINES AND FOOLISHNESS: **Jim Hansen** fined for his recent trip; **George Pacheco** for being named Business Person of the Year at the Castro Valley Rotary Club (congratulations, **George!**); **Joel Thornley** and **Andy Krake** for their birthdays; **Steve Rubiolo** told us that **Nels Nelson** will soon have his **90th birthday**, so next week we will sing to him! And a donation to Polio Plus! **Maria Elena Rivera** for her one-year club anniversary; **Dennis Butler**, **Bob Scheppler**, **Dave Murphy**, **Jim Hanson**, and **Dave Elkins** for their wedding anniversaries – and to **Charley Plummer**, for his 61-year wedding anniversary (and a donation to the Hayward Rotary Foundation).

PROGRAM: **Chuck Horner** introduced the speaker, Larry Lowery, teachers are Chuck's heroes). Larry Lowery is Professor emeritus, University of California, Lawrence Berkeley Hall of Science. His topic is How People Think and Learn. The Lawrence Hall of Science is a hands-on science museum. Professor Lowery reminded us that teachers used to put an object in a bag, and ask a student to put his hand in and feel it, then describe what it is. Nowadays he can put a cap on a kid's head, and see a picture of what is going in the child's head. If the child is putting his right hand in the bag, you can see the tactile information on the brain on the left. But if the child puts both hands in the bag, then you can actually see the dendrites weave across the brain. With both hands, you get more descriptors than with one hand only.

Professor Lowery showed us a picture of a leaf, and asked us to describe it.

Have you visited our Website lately? www.haywardrotary.org

But when he showed us a picture of that leaf next to another leaf, we could see more details. With single objects, you can only see in them what you already know. New knowledge comes from being presented with two or more objects, so we can compare and see similarities and differences. Teachers need to stress the details, not just ask children to name objects.



He showed us a picture of an alligator (or was it a crocodile)? We could get it wrong because we have nothing to compare it to. When he shows both a crocodile and an alligator on the same page, the “critical competition” allows us to see the details better. So which one was it? Professor Lowery told us to go to a library and look it up, and because we put some work into that experience, we would remember what we learned. The meanings of words are inside you.

Professor Lowery asked us to put our fists together, forming what looks a lot like a brain. People with bigger brains are not necessarily smarter! When your fists are together, where your thumbs are is the location of the pre-frontal lobes. Good teaching is trying to get kids to use the pre-frontal lobes well, to learn about space and also tiny space, atoms.

A cat has small pre-frontal lobes, so probably can't think much beyond the next meal. But humans, with their large pre-frontal lobes, and also have language, can think ahead, plan, strategize; and can learn about the past by reading Plato, so knowledge exists across the generations.

In middle school youngsters, the pre-frontal lobes are still developing – and emotional development is occurring at the same time. That is why young teenagers can be dangerous drivers, while 22-year-olds can be responsible drivers.

The back of the brain is the entry point for hearing, seeing, touch – and the impulses pass to the front of the brain where they can be interpreted. He showed us pictures of Tina's brain: when she sees an object, the sight comes into the brain and it lights up. In a picture of Tina when she was in 2nd grade, she is touching an animal, and it makes her brain light up. Her pointer finger shows up on the top of the brain when she touches something – and the brain looks for the prior touches, to see if it is the same or something new, and if new will be stored as new – all in the fraction of a second. Sight is stored in the back of the brain, so if you see an animal move, the brain lights up there. If she touches the animal and sees it move at the same time, the dendrites hook up. The more details, the more you see. It takes knowledge to see and learn more about the world.

These days, multisensory activities are designed, which lead to much better learning. If you see an object, the elements split up: color goes to the color part of the brain, shape to another, movement to another, taste and sound to still other parts. The brain does not have a photographic memory, and doesn't remember pictures. To remember the object, the brain must take the parts and reassemble them. That is why youngsters who have hands-on experiences learn better, and their reading and math scores go up.

When you first learn language, it is always through hands-on experiences, so the learning stores deeper and better. It is important to teach words in context.

Learning fills up the brain, making it more compact through the accumulation of connections. Older people are slower to solve problems, because they have so much more data to work through. That is why they put young people on Jeopardy! – older people would take too long to get the answers.

When children are learning skills, like playing the piano, they must have tutors working with them one on one, to get immediate feedback on errors. Teaches with 30 pupils can't provide that, but kids can get tutoring by, for example, working with flashcards with their parents. Another kind of learning is knowledge – that is spread all over, and the way to learn is through rehearsal. The child is shown something, then shown it again in a different way, rehearsing what is learned but doing it differently, and it goes into long-term memory.

Applause for our speaker! **Chuck Horner** begs to be his student, and Professor Lowery agreed.

President Rob told us that at the Next Meeting, December 7th, the speaker will be Mendel Stewart of the U.S. Fish and Wildlife Service, and will tell us about the National Wild Life Refuges of San Francisco and Monterey Bays.

The speaker the following week, December 14th, will be Lyisha Johnson of the Chabot Space and Science Center. He thanked distinguished guests and visitors, and adjourned the meeting.

***District website:** (copy and paste this link into your web browser)*

<http://www.rotary5170.org/news/09-10/09-11-OneChild-05.pdf>



First Class Mail

Hayward Rotary Club
P.O. Box 629
Hayward, CA 94543

Hayward Rotary Club Calendar

- December 7** **MENDEL STEWART U.S. Fish & Wildlife Service - Director of S.F. Bay National Wildlife Refuge Complex “The National Wildlife Refuges of San Francisco & Monterey Bays”**
- December 14** **LYISHA JOHNSON Chabot Space & Science Center**

Need to find or confirm a Location?

Visit the District 5170 Website @ <http://www.rotary5170.org>



CHARTERED

June 1, 1922 • California
Club No. 482

www.haywardrotary.org
Email: hayrotaryclub@sbcglobal.net

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