



The Official Publication of the Rotary Club of Davis

Rotary International President: Gary C.K. Huang, Rotary Club of Taipei, Taiwan

District 5160 Governor: Pam Gray, Rotary Club of Paradise

Davis Rotary Club (437) President: Allan Telford, P.O. Box 185, Davis, CA 95617 www.rotaryclubofdavis.com

Monday, March 9, 2015

Weekly Programs

March 9: "Thinking Outside the Box: A Civil Engineer's Connection to Olympic Long Jumping." Melvin Ramey, Professor Emeritus and Chair, Civil and Environmental Engineering.

March 16: "The Evolution of the Photographer" by Bill Hollingshead.

March 23: Heather Young, Dean, Betty Moore School of Nursing.

March 30: Citrus Circuits – Davis Senior High's First Robotics Team.

April 6: "Twelve Years a Slave" Clarence Walker, Distinguished Professor, History, UC Davis.

Meals on Wheels

If you swap dates, contact **Dave Scheiber** @ (530) 758-8440

Coordinator: JD Denton
3/12: B. Johnston and Y. Clinton
3/13: J. Hamel and P. Hart

Coordinator: Nicole Davis
3/19: B. Hartsough & B Hollingshead
3/20: B. Johnston and D. Kessler

Coordinator: Don Kessler
3/26/15: B. King and J. Kowes
3/27/15: D. Labadie and P. Lacoste

Coordinator: Randy Alston
4/2/15: D. Macko and A. Mamidi
4/3/15: Help Needed and M. Peterson

Upcoming Events

March 14: Rotarians Against Hunger Food Packaging Event, 8am at Yolo Food Bank

March 19: All Club Happy Hour, 5:30pm at Season's Restaurant in Davis.

March 28: "Toulouse-Lautrec and La Vie Moderne: Paris 1880-1910" traveling art exhibit, noon at the Crocker Art Museum in Sacramento.

June 6-9: Rotary International Convention, Sao Paulo, Brazil

Agrotarian Contact

This issue was written by Adam Holland. To contact the Agrotarian co-editors, please email Agrotarian@gmail.com.

Meeting Recap for March 2nd

Guests

Mikayla Leach came to, "Hear what her husband (**Kent**) does for a living." He was this week's program speaker.

Announcements

It was **President Allan Telford's** pleasure to acknowledge **Randy Alston** and **Kay Resler** for their generous support of the Rotary Foundation. Randy made a significant contribution that qualifies him as a major donor. Kay was recognized for being a Paul Harris Plus 7 Supporter for her giving history.

Work Day at the Rotary Garden on April 4. Sign-ups closer to the date.

Ribs and Rotary BBQ coming up on May 16. Sponsor opportunities are still available. Sponsors will receive significant exposure on the ticket, banners, and social media.

President Telford informed us about a 4-Way Rotary Test Speech Contest occurring at Veterans Memorial on April 1. He also mentioned a joint Rotary Whiskey tasting event will occur in late April. More details to come for both events.

Sergeants

Sergeant Bruce Hartsough cited the following Rotarians:

Don Kessler: Recently visited his son's family Washington State. The whole family, including two grandsons, loves to swim (including all of the grandparents).

Wayne Schrader: No fine, but was thanked for sponsoring National Eye Care Month in the Enterprise.

Grace Chen: Confucius Institutes have been criticized lately for not being under local control. But, the UCD one is under local control. She's no longer involved with these Institutes, but that wasn't enough to waive the fine.

Jacque Bartholomew: For sponsoring the Ukulele Orchestra of

Great Britain's return to the Mondavi Center.

Wayne Schrader, Jacque Bartholomew, Steve Young and Paul Hart: All board members of the University Retirement Community. In fact, 4 of the 9 URC board members are members of the Davis Rotary Club. **Matt Neal**, URC Executive Director, was questioned about the Rotary-URC connection. He said that, "Everyone just wants to be a part of the good work being done (at the URC)."

Weekly Program: "Boning up on bone healing at UC Davis" by Kent Leach, Ph.D.

Bruce Hartsough introduced fellow Davis Rotarian, **Kent Leach, Ph.D.** Kent is an Associate Professor with the Department of Biomedical Engineering and the Department of Orthopaedic Surgery at UC Davis.

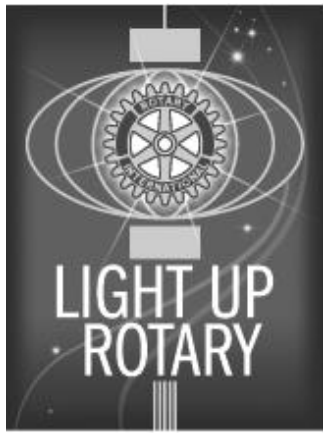
Kent and his team are engineering new applications and technologies for patients in need of reconstructive surgery. He explained that while current manufactured bone implant products are a crucial part of these procedures, they can also lead to other problems. The main issues that come up include:

- The body rejecting the implant (metal)
- Polymer implants can be too weak
- Bone healing occurring too fast or slow
 - Slowing down the process is often needed for children in need of reconstructive surgery

Thankfully, Kent is a part of a team of problem-solvers. They believe in a "one-two punch" strategy with the "one" being mesenchymal stem cells (MSC). These cells can be "instructed" to become a bone, fat, muscle or other kind of cell. They can also help your body to produce natural biological drugs to regrow needed cells. One successful patient that benefited from treatment using MSCs was a horse with a bone cyst. The UCD team injected cells into the left stifle bone defect. The treatment was considered a success as the, "Horse MSCs promoted healing with the carrier." Current standard treatment options would have involved simply draining the area, but the MSC treatment resulted in a better long-term outcome. This kind of work will go a long way in receiving FDA approval for similar MSC treatments in humans.

The "two" part of the punch comes in the form of an improved bone implant material called biocomposites. These engineered implants can help bone formation occur. The work is early, but initial results also show that MSC's and biocomposites can allow bone healing to occur.

This important work will continue on as Kent mentioned that there are currently 15 different clinical trials using MSC's at UCD.



Rotary International

Rotary is a global humanitarian organization with more than 1.2 million members in 34,000 Rotary Clubs in more than 200 countries and geographical areas. Rotary members are men and women who are business professional and community leaders with a

shared commitment to making the world a better place through humanitarian service.

Object of Rotary

The Object of Rotary is to encourage and foster the ideal of service as a basis of worthy enterprise and, in particular, to encourage and foster:

First: The development of acquaintance as an opportunity for service.

Second: High ethical standards in business and professions: the recognition of the worthiness of all useful occupations: and the dignifying of each Rotarian's occupation as a opportunity to serve society.

Third: The application of the ideal of service in each Rotarian's personal, business and community life.

Fourth: The advancement of international understanding, goodwill, and peace through a world fellowship of business and professional persons united in ideal of service.

Song of the Day: I've Been Working on the Railroad

I've been working on the railroad
All the livelong day
I've been working on the railroad
Just to pass the time away

Can't you hear the whistle blowing
Rise up so early in the morn
Can't you hear the captain shouting
Dinah, blow your horn

Birthdays

Paul Hart, March 8
Matt Neal, March 14

Anniversaries

Becky King and Terry Chiofalo, March 12, 1986
Brian and Louanne Horsfield, March 23, 1969
Maurice and Mary Silva, March 25, 1951

Rotary Anniversaries

Paul Lacoste, March 7, 2011
Andrew Dowling, March 9, 2009
Doug Galbreath, March 12, 1968

New Proposed Club Member

The following person has been proposed as a new club member:

Prospect: Brian Catlin
Classification: Banking
Proposer: Jo Padilla-Mitchell

In accordance with the bylaws, "A 7 day period shall be allowed during which any member objecting to the election of the applicant(s) shall notify the Board of Directors, in writing, stating reason for his/her objections. "After the expiration of the 7 days, the Board shall then proceed to ballot and, if not to exceed one negative vote is cast, the proposed member shall be considered duly elected. The applicant and the proposer shall then be notified by the Secretary of the applicant's acceptance or rejection.

Davis Rotary Club Service Projects

Child abuse prevention & awareness * Wheelchairs in China
Polio eradication efforts * Drilling water wells in Africa
Meals on Wheels * Covell/Highway 113 landscaping
Smoke Alarm battery replacement * Rotary Stage
Service clubs sign at entry to Davis * Bee Garden Fence
Dictionaries to Livingston, Zambia * Cambodia clean water
LN-4 hands to Ecuador * Dairy barn in Peru * Earthquake relief
Fire equipment to Monterrey, Mexico * Shelter Boxes *
Support to UC Davis Pantry, Davis Community Church Nursery
School, I-House International Festival, Epicurean Esprit

Davis Rotary Members

| | | |
|----------|-----------------------------|--------------------------------------|
| ⊕2 | Adler, Jerry | Civil Litigation |
| +1 | Alassaad, Samer | Dentistry |
| ⊕9 | Alston, Randy | Investment Management |
| + | Azevedo, Ryndie | Nonprofit Management |
| ⊕4 β* | Bartholomew, Jacque | Banking – Lending |
| ⊕9+ | Bayless, Jonathan | National Parks |
| ⊕3 * | Below, Lou | Residential Appraisal |
| ⊕2 | Bick, Steve | Accountant – Financial Planning |
| ⊕1 | Chen, Grace | Prop. Mgmt. – Commercial |
| ⊕2 | Clinton, Yvonne | Education - Private Music (piano) |
| + | Copeland, Heather | Insurance – Personal |
| ⊕1* | Davis, Debbie | Print Journalism |
| + | Davis, Nicole | Financial Services |
| ⊕2 | Denton, JD | Sports Equipment - Retail |
| ⊕2 | Donaldson, Dick | Exporting – Wholesale |
| + | Dorf, Dick | University Education |
| +1 | Dowling, Andrew | Real Estate |
| ⊕2 | Fish, Don | Banking Administration |
| ⊕1* | Fisher, Ron | USAF |
| ⊕1 | Galbreath, Doug | Printer |
| ⊕5 * | Gambatese, Roger | Civil Law |
| ⊕1 | Goodman, Michael | Gynecology |
| +1 | Gregoire, Robert | Business and Facility Consulting |
| ⊕4 | Hamel, John | Banking |
| ⊕4 * | Hart, Paul | Waste Removal |
| ⊕4 * | Hartsough, Bruce | Education – Ag. Engineering |
| ⊕6 | Hartsough Maxwell, Marjorie | Dentistry |
| ⊕4 | Head, Ernie | Laboratory Business Mgr |
| ⊕3 | Hollingshead, Bill | Entertainment Mgmt. |
| + | Holland, Adam | Hospital Administration |
| ⊕3 | Horsfield, Brian | Engineering |
| ⊕1 | Howard, Howdy | Education – Ecology |
| ⊕2 | Jain, Mohini | Education - |
| + | Jayaweera, Gamani | Schools – Private |
| ⊕2 | Johnston, Bob | Educ. – Secondary Schools |
| ⊕9+ * | Kessler, Don | Insurance – Commercial |
| ⊕3 * | King, Becky | Property Mgmt – Residential |
| +1 | Kowes, Jeff | Pest Management |
| ⊕* | Labadie, Dean | Florist |
| + | Lacoste, Paul | Financial Adviser |
| + | Leach, Kent | Biomedical Engineering - Education |
| + | Macko, David | Commercial Real Estate |
| + | Mamidi, Anand | Civil Engineer, Retired |
| ⊕9+ | Mansfield, Marilyn | Secondary Education |
| + | Neal, Matt C. | Retirement & Health Services |
| +1 | Nitzkowski, Jennifer | Accountancy |
| + | Padilla-Mitchell, Jo | Banking |
| ⊕1 * | Peterson, Michael | Law – Estates |
| +1* | Phister, Greg | Insurance |
| ⊕ | Pope, Kemble | Chamber Executive |
| + | Portello, Les | Property Management |
| ⊕7 β\$A* | Resler, Kay | University Administration |
| ⊕2 * | Richter, Sherry | Human Resources |
| ⊕1 | Robinson, Michael | Sky Diver |
| ⊕4 β* | Roe, Bill | Building Construction |
| ⊕2 | Scheiber, Dave | Insurance, Personal; Financial Serv. |
| ⊕2 * | Schrader, Wayne | Optometry |
| + | Sconyers, Hal | Banking Consultant |
| ⊕1 | Shoemaker, Sharon | Education and Research |
| ⊕9 β\$& | Shwe, Hla | Education – Physics |
| ⊕1 | Siemens, John | Education – Ag Engineering |
| + | Silva, Maurice | Cosmetology |
| ⊕1 | Smith, Virgil | Accountant – Certified Public |
| +2 | Spencer, Margy | Accounting |
| + | Spiro, Cindy | Education – University Athletics |
| ⊕9 | Streng, Bill | General Contracting |
| ⊕2* | Stromberg, Jeff | Attorney – Estate Litigation |
| ⊕5 | Telford, Allan | Financial Advice |
| ⊕2 | Thayer, John | Commercial Bank - Lending |
| ⊕4 | Walgenbach, Gary | Plumbing Contractor |
| ⊕1 | Willett, Jim | Law – Trusts & Estate Planning |
| ⊕2β* | Wolf, Bud | Yacht Broker |
| ⊕1 | Wolf, Judy | Medical Administration |
| + | Yan, Harvey | Property Management |
| ⊕2 β* | Young, Steve | Mortgage Broker |

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| + Paul Harris Sustaining Member | β Rotary Foundation Benefactor |
| ⊕ Paul Harris Fellow Recognition | \$ Rotary Foundation Bequest Society |
| ⊕# Additional PHF Recognitions | * Past President |
| A Arch Klumph Society | & Past District Governor |

Where to Make Up

Mon: Sacramento South – 12:15 pm, Casa de Los Niños
Tues: Vacaville Sunrise – 7:15 am, Opera House
Woodland – noon, Hotel Woodland
Wed: Davis Sunset – 5:30 pm, Our House Restaurant, 808 Second St.
Dixon – noon, Fairgrounds, Madden Hall
Thurs: Winters – 12:10 pm, Buckhorn
Woodland-Luna Vista – 6 pm, Woodland Community Center
Vacaville – 12:15 pm, Opera House
Woodland Sunrise – 7 am, Cracchiolo's Catering
Fri: Davis Sunrise – 7:00 am, Odd Fellows Hall