



Crackers

COSMOPOLITAN CLUB OF SANTA BARBARA INC.

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Crackers Editor

Access the COSMO website at
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Only One Meeting Left!

Cosmo's new member incentive program continues through the meeting on May 1, 2014:

- 1) Bring a potential member as your guest to a lunch meeting and the guest lunch will be free. All members that bring a qualifying guest to the meeting will be put in a special drawing to be held at the meeting on May 01, 2014.
- 2) If a member submits a new member application for his guest he will receive 1 more chance (2 TOTAL) in the special drawing and a free lunch for him and the nominee at the meeting where the applicant is interviewed.
- 3) When the new inductee is presented as a new member, the primary sponsor for the new member will receive 2 free lunch passes.

Prize: Free Cosmopolitan Club lunch for the remainder of 2014

Next Meeting

May 1, 2014

Ladies' Day: Ms. Rebecca Bjork

"Santa Barbara's Water"



Following a nationwide executive recruitment process culling 91 candidates, Santa Barbara City Administrator Jim Armstrong recently appointed Rebecca Bjork as Public Works Director. Ms. Bjork has filled the vacancy on an interim basis since Christine Andersen retired in November 2013. As Public Works Director, she will oversee the City's largest department with nearly 300 employees and a budget totaling \$117 million. The Public Works Department includes the City's water and wastewater utilities, street maintenance, capital project design and construction, fleet services, downtown parking, and maintenance of over 100 City buildings and facilities.

Ms. Bjork brings 25 years of experience with the City's Public Works Department to the position. Since 2007, Rebecca has served as the City's Water Resources Manager responsible for the water and wastewater utilities, which include the operation and maintenance of the Cater Water Treatment Plant and the El Estero Wastewater Treatment Plant. She oversaw the introduction of ozonation at the Water Treatment Plant to improve the quality and taste of drinking water. Also, she has been instrumental in various renewal and replacement projects for water and wastewater mains and major facilities to extend the life of the City's water resources infrastructure. She joined the City of Santa Barbara in 1989 to implement a federally mandated pretreatment program that was recognized nationally in 1995. Ms. Bjork received a Bachelor's degree from Grinnell College and a Master's Degree from California State University, Northridge.

**Tickets must be purchased in advance
– no lunch ticket sales on May 1
Contact Jim Shaw**

Cosmo Member Ailing

If you learn of one of our members suffering from illness or injury, please notify Arlie Skov, 965-5101, askov@earthlink.net

Future Meetings

May 15, 2014

Dr. Robert Harbaugh

“The Grey Tsunami: Dementia”



The Grey Tsunami is bearing down upon societies around the world, as modern healthcare technology, improved access to clean water, and a myriad of other advances in human longevity have created a near doubling of life expectancy in “first world” cultures over the past century. In addition, seniors are simply healthier on average at 90 than in the past, in enormous numbers, growing daily. In 2013, the prestigious New England Journal of Medicine published a seminal review article from the RAND Corporation that identified “dementia” as the most expensive disorder in the US currently! What does this mean, how has this happened, how can we start to deal with this locally, and what can we (I) do to mitigate this unstoppable trend in human existence? Modern miracles have created new challenges that we need to start to address now, or our grandchildren will be among the first Americans to experience a lower standard of living that previous generations, due to the enormous resources needed to care for our elderly, and especially those who have dementia. Stay tuned ...

June 5, 2014

Bruce P. Luyendyk, Ph.D.

“Antarctica”

Bruce Luyendyk was on the faculty at UC Santa Barbara 1973-2010. He is now Professor Emeritus of Marine Geophysics and Research Professor at UCSB. He is past chair of the Department of Geological Sciences (1997-2003; now Earth Science) and founding director of the Institute for Crustal Studies (ICS, now Earth Research Institute), which he led from 1987 to 1997. He was Associate Dean of Science 2005-2010. Luyendyk holds a B.S. from San Diego State Univ., a Ph. D. from the Scripps Institution of Oceanography at UC San Diego and held a postdoctoral scholarship at Woods Hole Oceanographic Institution. He was a staff scientist at Woods Hole prior to coming to UCSB in 1973. His research specialties include marine geology and plate tectonics.



Prof. Luyendyk has been active in Antarctic research since 1989. He has made nine expeditions to Marie Byrd Land and the Ross Sea along the Pacific coast of Antarctica to study climate history and the formation of mountain ranges during continental breakup. In 1994, he began a research study of marine hydrocarbon seeps at Coal Oil Point offshore from the UCSB campus. He and his students were the first to recognize the ninety-degree clockwise rotation

of the Transverse Ranges and other regions of southern California within the San Andreas Fault system. In 1979, Luyendyk was a member of the expedition that discovered the deep-sea hot vents off Mexico with the submersible ALVIN.

Wine Drawing by Bob Zimels

Dave Williams took home a '12 Sauvignon Blanc and Mike Rodrigue won a '08 Mammoth Crest Pinot Noir, made by Bob Hassler.



WELCOME OUR GUESTS



Nick Dinaroli hosted by Mike Rodrigue
Bert McCormack guested by Bob Sorich
William Pardee feted by George Campbell

Proposed for Membership

John K Venable, III

PO Box 5098, Santa Barbara, 93150-508; 805/969-0323,
johnvenable3@yahoo.com

John has resided in Santa Barbara since 1971. He and his wife Christie have two sons. John has a B.A. in Business Management specializing in finance and advertising. His career spanned several decades as a certified financial planner, recently at Sage Point Financial where he served as branch manager. Retiring in January of this year, he keeps busy with hiking, golf, birding and fishing. This is in addition to his community involvement with Montecito Trail Foundation and the Montecito Community Foundation Association. John is sponsored by Ron Singer, John MacKenzie and Harv Turner.

William T Veigele

333 Old Mill Road, #324, Santa Barbara, 93110; 805/967-7667 – wveigele1@aol.com

Originally from the big apple, Bill earned his B.A., M.A. and PhD in physics and mathematics, served in the US Navy, was an associate professor at UCSB, enjoyed employment at Raytheon, SBRC and County of Santa Barbara. His more recent position was Department Manager over research and development at General Research Corp, retiring in 1989 after ten years in that office. Bill's academic career included teaching at Hofstra, Williams, University of Colorado at both Boulder and Colorado Springs. His honors and appointments are numerous and range from optical to opera, and include the prestigious National Science Foundation Science Faculty Fellowship. Bill, and his wife Sue, have been blessed with a son and three daughters. Enjoying writing and publishing, Bill finds time to enjoy golfing and water-skiing. Bill is sponsored by Ron Singer, A.B. Clarke and Harv Turner.

Dan Cameron

1101 B Senda Verde, Santa Barbara CA 93105; 805/770-3066 – dan_cameron@cox.net
 Dan was born and raised in Illinois; earned his BS in physics and engineering and did post-graduate studies there and recently, completed his career as a Senior Engineer at Information International. He also enjoyed employment at Autologic and AGEA to complete his 53 years primarily in the printing industry. Dan and his wife Ann relocated just last year to Santa Barbara; they have two sons and a daughter. Dan loves woodworking, bridge and fishing. Dan's membership is sponsored by Mead Northrup, George Campbell and Russell Tyler.

Special Events

The annual Ben Walsh memorial dinner at SBCC Culinary Arts was enjoyed by our usual capacity crowd last week. The multiple course dinner was delicious and the young people who prepared and served it were friendly and well trained. Already looking forward to next year. Thank you, Harry Stroud, for your efforts that make this evening so easy and enjoyable for the rest of us.



Regular Events

Bridge – April 17 Winners

1 st place:	Steve Morgan	3280
2 nd place:	Ralph Edebo	2280
3 rd place:	John Calvert	1960



Join us for FUN Bridge upstairs at the Elks Club after all regular meetings; we play until 3:30 PM. Chairman Steve Morgan, 637-1332, or smmphpd@cox.net; Co-chair Ed Loper, 967-8630, oliveloper@cox.net. No game following the May 1st meeting.

Cosmo Computer Society

We meet on the second Thursday of the month starting at 10 A.M. upstairs at the Elks Club. Ring the bell at the front door for admission. All members and guests are welcome. Please bring your gadget such as smart phones, tablets, notebooks, or any other digital device. You can show us what it does or ask for advice. We have Wi-Fi available. We enjoy lunch and camaraderie at the Elks Club after our meetings. Chairman Bob Gerity, 963-9413, robtgerity@cox.net.



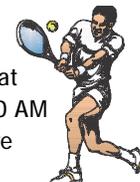
S.A.G.E. Investment Group

We meet monthly at 10 AM on the first Tuesday at the Elks Club. At S.A.G.E. we discuss past and possible future trends in the economy and the stock market. We would welcome your participation. Chair: Walter Naumann, 448-5061, wjnaumann@aol.com.



Tennis

The tennis group plays doubles twice a week at a private court in Shadow Hills starting at 8:00 AM Mondays and Thursdays. All tennis players are invited to participate. Contact Bruce Long (805) 692-4072 or bruce93103@cox.net.



Golf

10:00 AM Thursday, April 24

Cosmo Golf Tournament

River Course – Alisal (Solvang)

Results of this tourney were not available at press time.

10:00 AM Monday May 12

Cosmo Golf Tournament

SB Municipal Course

This SCGA sanctioned CGC "tournament" takes the place of our usual Monday game. Sign up for this fun event with Bill Costello. Bill will want to know your GHIN number or handicap. He will collect \$5.00 for the prize fund and you will pay the pro shop your usual Monday green fee and cart rate. The format for this one will be the old "four-ball-net-cha-cha-cha". Teeing off at 10:00 a.m.

Mondays we usually meet at the Santa Barbara Golf Club, (Muni). Tee times range between 9:30 AM to 11:00 AM. Regular walking senior rate is \$26 for 18 holes. Contact Ron Singer (805) 684-1355 or rsinger916@aol.com by the prior Friday for your tee time. These outings are a great way to gain new members, so invite your friends.

Additional play at various courses - Contact Ron Singer to get on the e-mail notification list for the Floating Golf Game Circuit. Wandering Wednesday and Floating Friday locations will include courses throughout the tri-county area. A. B. Clarke and Steven Stonefield will select the floating golf game sites, so you may contact either of them. Ron Singer, Golf Chair: rsinger916@aol.com.



Upcoming Special Events

Thursday, May 22

Estrella Warbird Museum, Woodland Auto Display & Estrella winery in Paso Robles.



You will not want to miss visiting this hidden jewel trifecta in our own central coast.

Located in the heart of the wine-producing area of California's Central Coast, the Estrella Warbird Museum provides a unique and fascinating experience. The museum offers a memorable collection of military aircraft from props to jets used in three wars, as well as numerous military artifacts ranging from hand-held weaponry to a rare collection of missiles and an F/A-18 flight simulator. From routine flights to dog fights, you can be pilot in command in one of 35 different planes. The associated Woodland Auto Display houses an extensive collection of both automotive and racing history. The primary display features Midget, Sprint, Modified and Indy race cars along with Street Rod and class automobiles. Most of the cars have been restored to their originally-built condition. Your \$75 fee includes bus transportation, museum entry, plus lunch, tour and wine tasting at Eberle Winery. Check payable to Cosmopolitan Club, PO Box 3993, SB 93130. Information & registration, contact Bob Sorich, 967-6785, bobsorich@cox.net.

Last Meeting

April 17, 2014

James Rogers

Founder & CEO of Apeel Sciences



"A Revolutionary Way of Reducing Food Spoilage in Africa through Chemistry (rather than refrigeration)"

In the developing world, between 70-90% of produce is lost to spoilage before it can be consumed. In the developed world, this number is closer to 40%. However, this reduction in postharvest loss currently may only be

achieved using costly refrigeration methods in conjunction with environmentally damaging pesticides. Apeel Sciences, a startup based in Santa Barbara and backed by the Bill and Melinda Gates Foundation, uses natural plant extracts to develop formulations that are applied to the surface of fresh produce in order to extend shelf life and reduce reliance on refrigeration. When applied to fresh produce and flowers, Apeel's formulas act as ultrathin organic barrier coatings, maintaining the freshness of these perishable items while reducing dependence on pesticides and improving produce quality. This presentation will highlight our work with partners in Kenya and Uganda to develop formulations suitable for smallholder farmers in sub-Saharan Africa.

James Rogers received dual undergraduate degrees from Carnegie Mellon University in Materials Science & Engineering and Biomedical Engineering. He received his Ph.D. in Materials Science from the University of California Santa Barbara. For his Ph.D. research, James was the recipient of the 2012 Frank J. Padden Jr. Award for polymer physics, the premier polymer physics prize in the United States. James is a graduate of the UC Santa Barbara Technology Management Program and also holds a Master's degree in Economics.

Dr. Rogers delivered an interesting presentation wherein he discussed the Apeel Sciences Company history from the original idea and inspiration through the development of the company and product development. Currently, there are three distinct products in production development; each having its unique application. These are: "Invisapeel" which provides camouflage to fruit and vegetables as they develop in the field;" Edipeel" is a micro-coating that slows water loss and oxidation, and; "flowerapeel", a decay inhibiting stem coating for flowers and some vegetables. Currently, the primary pest protection sprays are a neo-nicotinoids which have a terrible effect on the bee population. This reduction in the busy pollinators causes widespread crop reduction due to the lack of pollination. The Apeel product has no such side-effects, especially as it is applied after the pollination has occurred.

Of interest, too, is the fact that these products are all produced within the federal and state guidelines as natural treatments and require no costly and time consuming licensing hurdles to clear.

One of the primary target markets for these products is Africa where up to 90% of their crops are lost due to spoilage. Refrigeration is virtually nonexistent and farmers are forced to sell their crops to the first truck that rolls by. Under the current system, the farmers are doomed to a hard-scrabble existence and the distribution system is unable to deliver fresh food to the people who need it. The Apeel products have been shown to rival refrigeration in delaying spoilage.

In the closer-to-home market we see tomatoes picked five days before they are ripe so that they can be transported and sold to customers before they see much decay. Sadly, tomatoes are one of the fruits that cease to ripen as soon as they are harvested. With the Apeel process the harvesting could take place as the fruit is actually ripe and the coating would protect it during a normal distribution cycle.

Dr. Rogers points out that by year 2050 the world must produce an additional 50% and 30% more fresh water than is available now. Developments such as these coatings could very well provide much of the solution to this challenge.

Interested members may learn more about this topic at the Apeel Sciences website, and, we have been invited to visit their factory by appointment.

Special note

Some of the people who attended Dean Alferness' talk on April 3 asked about a lecture series he mentioned. The information is available at iee.ucsb.edu. This is the web site for the Institute for Energy Efficiency. Additionally, we have been invited to attend a lecture by Tom Steyer on Tuesday May 6, at 5:00 pm at the Pollock Theater that will discuss this important topic. Visit this link for further information: www.carseywolf.ucsb.edu/pollock

Special announcement

The Wings of Freedom Tour of the WWII Vintage Boeing B-17 Flying Fortress, Consolidated B-24 Liberator and North American P-51 Mustang Announce Unique Display in Santa Barbara at Santa Barbara Municipal Airport from May 12 to May 14. This tour is designed to honor the heroes who flew these marvelous machines into harm's way during the WWII conflict. For further information e-mail Hunter Chaney, Director of Marketing: hchaney@collingsfoundation.org or 800-568-8924. Their website has all of the details, as well. www/collingsfoundation.org/



Calling All Cosmo Members

Headed by President-elect Ron Singer, our incoming leadership team encourages all Cosmo members to participate on at least one club committee. You'll find the full roster of committees on insert. Copies of this list will be available at our May 15 meeting. The quality and continuity of the Cosmo experience relies entirely on every member's active participation. Please fill out the form with as many check marks as you can manage and forward it to Ron Singer, or another incoming board member, as you wish.

Cosmopolitan Independence Day



Picnic

Thursday, July **3rd** 11:00 AM

Lower Manning Park, Area 9

Montecito, CA

From Freeway 101, exit in Montecito on San Ysidro Rd,
go North 1 mile, then exit to Lower Manning Park via
Santa Rosa Lane

**Bring wives, relatives and friends for
delicious BBQ by Cavalli, with all 'the
fixins' !**

Only \$15.00/person, paid in advance to 'Cosmo Club'
c/o Bruce Long, 4477-K Shadow Hills 93105 (692-4075).

Please furnish Bruce with names for nametags).

BYOB for social hour starting at 11:00, 12:15 Pledge and
Invocation, and 12:30-2:00 PM **Barbeque!**