



Crackers

COSMOPOLITAN CLUB OF SANTA BARBARA INC.

Vol. LVII No.2

Editor: Jim Munroe

Access the Cosmo website
<http://sbcosmo.com>
for current and archived issues of
Crackers and special events
information

Annual \$60 dues are due on July 1. There will be a box at the Luncheon Ticket Table so you can drop your dues check, payable to Cosmopolitan Club, in the box when you buy your lunch ticket or mail it to:
PO Box 3993, Santa Barbara, CA 93130-3393

Next Meeting August 5th

COSMO member Ed Vernon

"A Maritime History of Baja California"

A native southern Californian, Ed Vernon graduated from USC with a degree in Industrial Engineering in 1951, after serving in the U.S. Navy as a radar man aboard the aircraft carrier Kearsarge. Ed worked for General Electric and several other technically-related firms after graduation. In 1964, he started DAC International in Santa Barbara. DAC designs and manufactures machinery for the production of contact and intraocular lenses. Ed sold DAC in 1998, enabling him to pursue his interest in Baja California and its history. He has written two books, "Las Misiones Antiguas: The Spanish Missions of Baja California" and "A Maritime History of Baja California". Ed serves on the boards of The Santa Barbara Trust for Historic Preservation and Vistas lifelong learning organization.

Future Meetings

August 19th

James E. Alexander

"Growing Up in Valdosta, Georgia"

James Edward Alexander was born and grew up in Valdosta, Georgia -- the Deep South -- during the decades of 1930 & 1940. As a child his prospects for higher achievement were, to say the least, dictated by the color of his skin. James shares stories of his happy childhood, and how his elders, both colored and white, helped him develop his respect for hard work and self-sufficiency that guided him through a 20-

Crackers Editor



Next Meeting: **August 5, 2010**

Next Editor: Chuck Evans

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Next Sergeant at Arms: Bill Montag
805-961-8055

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year career in the Air Force and a subsequent career in broadcasting. At age 52, he went back to law school, and passed the California Bar Exam -- the nation's toughest bar exam -- on the first attempt at age 56.

September 2nd

Minxin Pei

"China's Challenges in the Next Decade"

September 16th

Andreea Serban

"Santa Barbara City College Today"

Wine Drawing:

Bob Zimels selected the winning tickets: Dave Turner scored a 2007 bottle of Meridian merlot and oenophile Sid Ackert won a Meridian chardonnay.



Welcome Our Guests

Members hosted several guests, but guest information eluded your Crackers editor. Harv Turner hosted two gents, one of whom, a Kiwi, offered a mini-presentation on quirks and quarks in our common language.

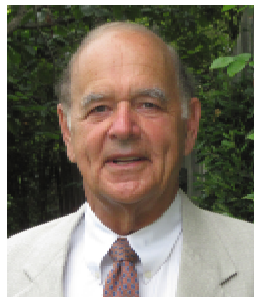
Cosmo Member Ailing?

If you learn of one of our members suffering from illness or injury, please notify Don Terrell, 687-8481 or wtd84@cox.net. Don will arrange to send a Cosmo 'Get Well' card wishing our member a quick rebound.

WELCOME NEW MEMBER

A. Stevens 'Steve' Halstead

1599 1/2 E. Valley Rd, Santa Barbara, CA 93108
805-969-0348, rincon3@aol.com



Steve is a native Californian who retired from SBRC Hughes in 1997. His formal education includes BS, MS and PhD degrees in Electrical Engineering from Stanford University. He served in the USNR as a Lieutenant from 1960 to 1962. His 30-year career at Hughes was in Engineering and project management. Moving to Santa Barbara in 1986 with his wife, Carole, Steve enjoys a myriad of activities including bridge, gardening, projects, music, travel, walking and fishing. They have 3 daughters and a son. He is active on the boards of Music Academy of the West, Heal the Ocean, and Scholarship Foundation of Santa Barbara. Steve was sponsored by Mead Northrup, Harv Turner, and Mike Cribbs.

Regular Events

Bridge – July 15 Top Scorers

3390	Ed Loper
3130	Jim Belden
3050	Howard Glenn



Join us for FUN Bridge upstairs at the Elks Club after all regular meetings; we play until 3:30 PM. Contact Pres Gould at (805) 964-6568 or pwgould@cox.net.

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.



Computer Society - Meets monthly at the Elks Club on the third Tuesday. Discussion starts at 10:00 AM. Feature presentation starts at 10:30 AM, concluding with a no-host luncheon in the Elks Grill. All COSMO members are welcome. Bob Gerity, Program Chair; Howard Glenn, Chair (805) 967-2633 or hbglennc@cox.net.



S.A.G.E. Investment Group – Meets monthly at 10 AM on the first Tuesday at the Elks Club, followed by a no-host lunch in the grill downstairs. S. A. G. E. does not select or buy stocks. Dick Evans, Chairman (805) 967- 6930 or dickevans@mac.com.



S.A.G.E. is looking for a Chairman to succeed Dick for the 2010 – 2011 year. All interested, please contact either Dick Evans or John MacKenzie.

Golf

Mondays - Santa Barbara Golf Club (Muni).

Tee times from 9:30 AM to 11:00 AM. Regular senior rate is \$25 for 18 holes, not including cart. Contact Ron Singer (805) 684-1355 or rsinger916@aol.com by Friday before the Monday for your tee time.



Mondays – Twin Lakes (Par 29) at 9:00 AM. Work on your short game.

Wednesdays – Ocean Meadows (Par 36) at 8:30 AM. Work on your long-ball skills.

Fridays at a variety of courses - Contact Ron Singer to get on the e-mail notification list for the next "Floating Friday Golf Game". Past locations have included La Purisma, Glen Annie, Soule Park, and Rancho San Marcos.

Wednesday August 11 — Montecito Country Club Golf Tourney

Scramble format; lunch at noon; shotgun scramble at 1pm. \$48 cost includes golf, cart, lunch, prizes and snacks after the round. Event Chair Marty Tucker, 969-0760, tuckmet@aol.com.

Special Events

Friday, July 30

Circle Bar B Ranch Dinner Theater

Howdy! Enjoy a Western dinner and great musical show at Circle Bar B Ranch, a 20-minute drive up the coast. The theater, an intimate converted barn and bunkhouse, has presented comedies and musicals for 36 years. Dinner features barbequed Santa Maria tri tip. Following the 7 pm meal, our show is "Precious Nonsense" with new lyrics by Rachel Lampert and music by Gilbert and Sullivan. Cost for dinner and show is \$37 per person. Attendees provide their own transportation. Send your check, payable to Cosmopolitan Club, to R. Willett, 7793 Wagon Wheel Dr., Goleta 93117-1006. Tickets also will be sold at upcoming Cosmo meetings. Event coordinator is Dick Willett, 685-9252.

Thursday, August 12

PCPA "Westside Story", Dinner and Lodging

Bob Zimels reported 20 places have been reserved in Solvang for Dinner, theatre, Breakfast and Lodging for only \$240 per couple. Reservations needed by August 1st for those interested, Contact Bob Zimels, 962-3211, zsloth@cox.net.

In Memoriam

Bill Bryson joined the Cosmopolitan Club in 1996, resigning in 2008 to relocate to Canada. We extend deepest condolences to his wife Jean and family.

Overview of 2010 Special Events:

July 30	Circle Bar B Ranch dinner and show
August 12th	PCPA Theatre-"Westside Story"

Last Meeting:**July 15, 2010**

President John MacKenzie presided over his first regular meeting of the new Cosmo year, ably assisted by Harold Englund, Hal Thompson, Mike Cribbs, John Burgee, Paul Coyne and John Poole.



Jim Davis

George Handler introduced our Cosmo member Jim Davis. A high school dropout, Jim received his B.S. and Ph.D. in physics from Caltech and UCLA, specializing in Quantum Mechanics. He spent much of his professional career working in quantum optics both in private industry and at the Lawrence Livermore National Laboratory.

From the time of Newton until late in the 19th century, the consensus among scientists was that space and time were absolute and that atoms did not really exist. Both these concepts were completely overturned early in the 20th century. Voluminous and indisputable experimental evidence revealed the existence of an atomic world and the race was on to develop a comprehensive theory to explain it. The basic theory was formulated during the years 1924-1928, and in subsequent years it has been extended and generalized to cover new phenomena. The general theory continues to be called Quantum Mechanics (QM). It is the most inclusive and successful scientific theory in human history and all attempts to falsify it have failed. QM is foundational for most physics and all chemistry. A vast array of new phenomena predicted by QM theory is now proved.

The foundations of QM theory center on light. Newton formed the first theory of light. Young used the ingenious 'double slit test' to develop the theory of light as waves. Planck posited light as little particles. Einstein defined light as having both particle and wave properties. Bohr expanded Einstein's concept into rudimentary Quantum theory. De Broglie developed an even more integrated theory.

Interference is at the heart of QM. The Standard Interpretation of QM is that observation creates property. When a Quantum object is not observed, it has no attributes. When a Quantum object is observed, it 'collapses' into a specific state. In other words, we produce the results of our observation.

The ultimate question remains unanswered...yet: Is there really an independent reality out there e.g. independent of our means of knowing it?



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