



Crackers

COSMOPOLITAN CLUB OF SANTA BARBARA INC.

Vol. LVIII No. 6

Editor: Chuck Evans

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

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.

Annual \$60 dues for 2011-2012 are now overdue. If you have not already paid, please do so promptly. There will be a box at the Luncheon Ticket Table so you can drop your dues check, payable to Cosmopolitan Club or mail it to PO Box 3993, Santa Barbara, CA 93130-3993

Gentlemen – Our meeting dress code will continue with informal attire through October. We will resume coat & tie splendor with our November 3 gathering.

Next Meeting September 15

Edward Haley A View of the Middle East. Introduced by Gordon Bjork.

Professor Edward Haley will be discussing recent developments in the Middle East and U. S. policy towards the Middle East over the past several decades. He was Director of the Keck Center for International & Strategic Studies at Claremont McKenna College, and is currently the Keck Foundation Professor at the Institute. He earned his BA at Stanford and his PhD at Johns Hopkins.

He served on the staffs of Congressman Leo Ryan and Senator Joseph Tydings. He served as a Senior Fulbright Specialist in Romania, and a Mellon Fellow in Egypt.

Professor Haley's most recent of his ten books was "Strategies

Crackers Editor



Next Meeting: **Sep 15, 2011**

Next Editor: Paul Melancon

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of Dominance: The Misdirection of U. S. Foreign Policy". Other books have covered arms control, nuclear strategy, and Qaddafi. He is a frequent commentator on National Public Radio.

Professor Haley will be introduced by his former colleague at CMC, Gordon Bjork

Future Meetings

October 6 Authors Day # 2

Cosmo Authors Display and Discuss. Introduced by Gordon Bjork.

October 20 Edward Keller

Geology of Santa Barbara Earthquakes. Introduced by Jim Shaw.

November 3 Phil Lubin

Planck Satellite. Introduced by Jim Davis.

Wine Drawing

Bob Zimels conducted the wine drawing.

Mike Smith won a bottle of Stanza 2009 pinot noir.

Dennis Gaon won a bottle of Heliotrope 2010 pinot grigio.

John Poole won a \$25 gift certificate to The Wine Hound donated by Jim Munroe.



Welcome Our Guests

The following guests were introduced by Jerry Homan: Michael Cooper, retired dentist, was brought by Pete Kruse. William Stinehart, Jr., retired trust and estates lawyer, was invited by Pete Kruse.

Thanks to our Staff

Kent Cullen on the Punch Bowl
Pete Schenck and George Campbell on Tickets
Bill Spangler gave the Invocation

PROPOSED FOR MEMBERSHIP

John W. Calvert

1070 Diamond Crest Ct., SB 93110
805-692-9254, jwcalver@msn.com

A native of the 'Bluegrass State' of Kentucky, John served in the Air Force, and later earned a PhD in Engineering. Subsequently he commenced a 35-year career in engineering, retiring in 1990 as Development Manager for Hughes Aircraft in El Segundo, CA. He and his wife Diane have been residents of Santa Barbara since 1986. He is sponsored by Ralph Edebo, Art Kvass, and Hank Pfister.

Regular Events

Bridge – 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 smmpha@cox.net.



Bridge Winners on August 18th

1st place with a score of 3110 points goes to Rob McMillin.
2nd place with a score of 3020 points goes to Ralph Edebo.
3rd place with a score of 2940 points goes to Howard Glenn.

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.



Cosmo Computer Society - Cosmo Computer Society meets monthly on the third Tuesday, upstairs at the Elks Club. Discussion starts at 10:00 AM, and a feature presentation starts at 10:30 AM, concluding with a no-host fellowship luncheon in the Elks Grill. All COSMO members are welcome. Bob Gerity, Program Chair; Chair Howard Glenn, 967-2633, hbglen@cox.net.



S.A.G.E. Investment Group –S.A.G.E. meets monthly at 10 AM on the first Tuesday at the Elks Club, followed by a no-host lunch in the grill downstairs. At S.A.G.E. we discuss past and possible future trends in the economy and the stock market. We would welcome your participation. Co-Chairs: Dick Evans, 967- 6930, dickevans@mac.com and Walter Naumann, 448-5061, wjnaumann@aol.com.



Golf

Glen Annie Golf Tournament
Thursday, October 27.
Save the Date. Details to follow!



Mondays - Santa Barbara Golf Club (Muni). Tee times from 9:30 AM to 11:00 AM. Regular walking senior rate is \$25 for 18 holes. Contact Ron Singer (805) 684-1355 or rsinger916@aol.com by prior Friday for your tee time. Twin Lakes (Par 29) at 9:00 AM. Work on your short game. These outings are a great way to gain new members so invite your friends.

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

Additional play at various courses - Contact Ron Singer to get on the e-mail notification list for the Floating Golf Game Circuit. Mondays are usually at Muni, Wednesdays are often at Glen Annie, Fridays' locations have included La Purisma, Glen Annie, Soule Park, and Rancho San Marcos. A. B. Clark 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

Sunday, September 25

Circle Bar B Ranch Dinner Theater – Matinee
THIS EVENT IS SOLD OUT

Howdy! Those participating will enjoy a Western dinner and great show at the Circle Bar B Ranch, a 20-minute drive up the coast. It is located at 1800 Refugio Rd., north of Goleta off Hwy 101. The theater, an intimate converted barn and bunkhouse, has presented comedies and musicals for 37 years. Dinner features barbequed Santa Maria tri tip and chicken. Those attending should plan to arrive at 12:30 pm for socializing, with dinner served at 1 pm. At 2 pm we'll attend the show, "Silvia", a beautiful, funny and profound play about a couple's life after their children have left the nest. There is currently a waiting list for tickets, so no more sign-ups are being taken. Event chair is Dick Willett, 685-9252.

Tuesday, October 25

Piper's Winery & Saloon w/Dixieland Jass & BBQ Dinner

Do not miss this opportunity to hear and dance to live traditional Dixieland Jass (yes, jass) and enjoy a BBQ dinner. The winery is located at the top of Rincon Mountain 5 miles from Carpinteria off Highway 150. Arrive at noon and enjoy wine tasting. Live traditional Dixieland Jass commences from 1 pm to 5 pm for listening and dancing pleasure. A BBQ tri tip and chicken dinner will be served at 2:30 pm. Beer and wine are available for a \$2 donation. Dress will be casual. Attendees will provide their own transportation, and car pooling is recommended.



The cost is \$45/person, with a limit of 40 persons. Send your check payable to Cosmopolitan Club to Thore Edgren, 6545 Camino Venturoso, Goleta, 93117 or Dick Willet, 7793 Wagon Wheel Drive, Goleta, CA 93117. Tickets will be sold at upcoming Cosmo meetings. Event chair is Thore Edgren, 967-4001, the man3@cox.net. Full directions will be provided later.

Last Meeting: History and Legacy of China Lake



Gordon Bjork introduced our speakers for the day, Robert Campbell and Robert Smith. He also introduced Bob Campbell's wife Alice, who was also a China Lake veteran. Gordon thanked Steve Little for arranging for the program - Steve was a long-time senior manager at China Lake.

Bob Campbell and Bob Smith gave a very interesting and informative discussion of the history and accomplishments of the China Lake Naval facility. They indicated they were providing information on the China Lake Museum, and they were speaking for the Museum Foundation and not for the Naval facility located in Ridgecrest, CA.

China Lake was first established in 1943 as a Naval Ordnance Test Station to test rockets. Caltech had a contract with the Navy at that time. It first started testing rocket motors in Eaton Canyon above Pasadena, but that soon became an encroachment problem. They decided they needed to go into the desert which had near perfect flying weather and practically unlimited visibility, and so China Lake was established. In 1967 China Lake became the Naval Weapons Center. Its mission expanded to include research, development, testing and evaluation of rockets, missiles, torpedoes, guns, bombs and fuses, "smart" bombs, cluster weapons, and night attack systems, satellite delivery systems and parachutes. It later became the Naval Air Weapons Station.

It was noted that someone had brought up that the famed air to air Sidewinder missile had been conceived at Hughes Aircraft Missile Division, and Steve Little said, No way – it was China Lake. One of the features that they are most proud of at China Lake was the integrated civilian scientists and the military organization. The civilians and military personnel who worked at China Lake were truly a team – it was referred to as the "Grand Experiment." China Lake was always marked by a great deal of creativity. In the early days, the emphasis was on simplicity of design – the Sidewinder missile is easily placed on any aircraft. A number of Nobel laureates have worked at China Lake. China Lake is huge. Its land space is about 1800 sq. miles, so that it is larger than the State of Rhode Island. Its air space (which is restricted from other aircraft) is 20,000 sq. miles (12% of California's air space). There are 6600 personnel at China Lake, including 4700 civilians, 200 military personnel, and 1700 contractors, and its annual funding is \$1.9 billion. China Lake has over 40 major labs. It got its name from the Chinese laborers who harvested borax from the dry lake bed in the vicinity. Bob Smith indicated that there were 4 critical technologies of WWII: atomic bomb, proximity fuse, rockets, and radar, and that China Lake had a role in developing the 1st three. He said that the explosive lens for the atomic bomb was developed at China Lake – it compresses nuclear material to critical mass so that a nuclear explosion can occur. The proximity fuse was developed so that explosive devices could be detonated when the warhead was in proximity so that shrapnel could rain down on a target rather than just exploding when contact was made with the ground.

By 1970 over 70% of air launched weapons used by the free world had been developed at China Lake. Bob Smith discussed many of the weapons systems developed or modified at China Lake, including Sidewinder, Tomahawk, Walleye, Shrike, HARM,

and many, many others. All this achievement has made China Lake one of the preeminent research, development and testing institutions in the world.

The China Lake Museum Foundation is raising funds to create the U. S. Naval Museum of Armament and Technology near the base in the City of Ridgecrest. The Museum will emphasize education – there will be docents, guest speakers, and science camps for kids. They've already had 2 camps for 10 and 11 year olds, where the goal is to "light the spark in science". They build rockets, solve puzzles, work with robots, and the adults who participate have as much fun as the instructors. Those who want more information on the China Lake Museum were urged to go to www.chinalakemuseum.org. Hearing the China Lake story now near the 10th anniversary of 9/11 reminds us of the critical importance that this facility has played and continues to play in the security and protection of our country and the free world.



Sidewinder



Tomahawk



Walleye



Shrike



HARM



**A Nation mourns,
A World is United.
God Bless America**

by T. Raney