

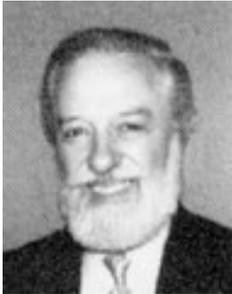


Crackers

COSMOPOLITAN CLUB OF SANTA BARBARA INC.

Vol LXIII No. 22

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Next Meeting: **June 7**
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As in the past, a new member is provided a lunch chit at his/her new member introduction and will be seated at the president's table with the primary sponsor. This ticket will be provided by the president. The ticket sellers must understand that no lunch tickets will be provided without cash, check or a signed lunch chit.

Announcement: Lunch Checks Now Payable to Cosmopolitan Club

While the majority of our members pay for their \$22 lunches in cash, there are still those who prefer to pay by check. Checks are normally made out in advance to the Elks Club, but starting June 7th those members wanting to pay by check must make their checks payable to the Cosmopolitan Club.

Members are still encouraged to write out their checks before getting in the ticket line.

Cosmo Joins Facebook

Cosmo now has its own Facebook page: <https://www.facebook.com/CosmoClubSB/>. You can also find a link to it on our homepage.

All posts will be public, so that even members who have not yet joined Facebook can see our posts; however, if you have already joined Facebook, be sure to "like" our page and "share" our posts.

If you have any questions or suggestions, please contact Editorial Assistant Cora Danielson at cora.danielson@gmail.com.

Guidelines for Providing Free Lunch to New Members

To streamline the issuance of the free guest luncheon tickets, the president will pre-approve a number of luncheon chits and give these to the guest-intro desk manager. A qualified guest will fill out the guest form with the sponsor. The guest desk manager will determine the guest's eligibility and provide the chit with his/her name on it and the name of the host/sponsor. Also, at this time, the guest desk manager will provide each guest with a brochure and an application for membership.

If the guest attends the following scheduled luncheon meeting and hands in a completed application, he/she is entitled to a lunch chit for that meeting.

Cosmo Members Ailing

Member Sandy Jones is currently at the Samarkand Rehabilitation Center undergoing in-patient physiotherapy treatment. He hopes to make a full recovery and return home soon.

If you learn that one of our members is ill or injured, please notify Curt Whiteman at 220-6833, whiteman@westmont.edu.

Dress Code

The dress code going forward will be California casual. Jackets and ties are always welcome, let the weather be your guide.

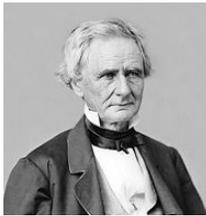
Website and Online Membership Roster

Access the Cosmo website <http://sbcosmo.com> for current and archived issues of Crackers. A tab will lead to the password-protected roster. The password will be provided in the email that covers the distribution of the Crackers.

Who Said That?

"An honest politician is one who, when he is bought, will stay bought."

— Simon Cameron, US Senator



NEXT MEETING

June 7, 2018

"UCSB Women's Basketball"

Gary Cunningham will introduce Bonnie Hendrickson, who just completed her third season at the helm of the UCSB women's basketball program and has been a key part of the Gauchos historic turnaround and success in the past few years. In her first year at UCSB, Bonnie led the Gauchos to more wins than the team had in the previous two years combined. Hendricks helped the team make a return to the Big West Tournament after a year-long absence, capturing its first postseason win in three years. This season, the Gauchos made it back to a third straight conference tournament under Hendrickson, and have improved in nearly every offensive category. Over the course of her career, Bonnie has amassed 384 career wins with UCSB, Kansas and Virginia Tech while advancing to seven NCAA Tournaments, include three Sweet 16 appearances.

For her talk, Hendricks will provide updates on the team and how she is looking to grow and develop these young women.



June 21, 2018

"Turning Stars into Gold: How Las Cumbres Observatory Helped Start a Revolution in Astronomy"

Sandy Seale will introduce Astronomer Iair Arcavi.



On August 17, 2017, for the first time in history, gravitational waves generated by two merging neutron stars were detected on Earth. An alert was sent to astronomers across the globe. Las Cumbres Observatory telescopes were one of the first to capture the flash from the "kilonova" explosion accompanying the merger, marking the first time ever that gravitational waves and light were detected from the same event. LCO's new way of looking at the sky proved critical for deciphering the light from the first kilonova, providing new scientific insights from the scale of atomic nuclei, to the expansion of the universe as a whole.

Iair Arcavi led the Las Cumbres Observatory gravitational wave response team and will present this revolutionary discovery and describe how it is ushering in a new era in astronomy.

Iair (pronounced "ya-eer") Arcavi is a NASA Einstein Postdoctoral Fellow at the University of California Santa Barbara. He earned a Bachelor's degree in Physics and Mathematics at Tel Aviv University and a Master's and PhD in Astrophysics at the Weizmann Institute of Science. Iair has been using the robotic telescopes of Las Cumbres Observatory to catch fleeting astronomical events such as exploding supernovae, stars torn apart by supermassive black holes, and most recently, the first flare ever detected from merging neutron stars.

REGULAR EVENTS

DISCUSSION GROUP

The Discussion Group meets once a month in the upstairs room immediately following regular luncheon programs. The future topics are:

June 21, Gordon Bjork: **Intergenerational Transfer**

July 19, Gordon Bjork: **Challenges in Managing International Trade**

August 16, Jim Davis: **Doing the Right Thing in a Period of Major Social Disruptions**

September 20, Sandy Jones: **The Popular Narrative: How It Changes, and Changes Us**

October 18, Jim Hemmer: **10 Key Turning Points in the History of Western Civilization**

November 15, Jim Davis: **The Law of Unintended Consequences**



GOLF

Mondays we usually meet at the Santa Barbara Golf Club (Muni). Tee times most often begin at 10:15 a.m. Contact Ron Singer (805) 684-1355 or rsiner916@aol.com by the prior Friday for your tee time. These outings are a great way to gain new members, so invite your friends. We also have games on Wednesdays and Fridays at other area courses. Contact Ron Singer to get on the mailing list. New members can use the website cosmogolfclubsb.com to register and sign up for additional news.



TENNIS

They play doubles four times a week on a private court off 122 Patterson Avenue behind the office buildings. The Cosmo Group starts rallying at 7:45 AM. Monday, Wednesday, Thursday and Friday. All Club tennis players are invited. Contact Jim Subject at (805) 964-2020, jsubject@aol.com or Joe Abram at (805) 845-8579, jabrammd@gmail.com for additional information.

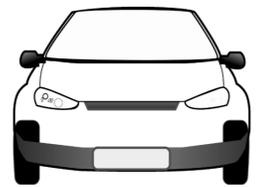


Mullin Automotive Museum

June 23, 2018, 10am—3pm

1421 Emerson Road, Oxnard, CA

The Mullin Automobile Museum is an homage to the art deco and the machine age eras that produced exquisite art and magnificent automobiles. The present exhibit features the finest Historical French automobiles from Bugatti, Delage, Delahaye, Hispano Suiza, Talbot-Lago and Voisin.



Admission is \$15 for adults. Reservations are required. Tickets must be purchased in advance. Make reservations early, as there are a limited number of tickets. The museum is only open to the public two Saturdays a month. Prior to the museum opening at 10:00 a.m., car clubs have been invited to display interesting autos at 9:30 a.m. in the parking lot. We recommend that members arrive prior to 9:30 a.m.

For tickets contact mullinautomotivemuseum.com or call 805-385-5400. It is important to order the tickets for the 10:00 a.m. - 3:00 p.m. time slot. We recommend car pooling to the event.

Please notify Thore Edgren when you have made reservations, theman3@cox.net or 967-4001.

A late lunch will be held at 1:30 p.m. at the Yard House Restaurant in the Collection at Riverpark Mall, 501 Collection Blvd. Ste. 4130, Oxnard, Ca.

Cosmo's Annual Picnic — Save the Date

The annual Cosmo July Picnic will be on Thursday, July 5, at Manning Park, Area 9, starting at 11:00 a.m. – BBQ lunch at 12 noon. Cost is \$20 pp. Bring your own snacks and libations. Sign up at the next meeting with names of attendees or send your check, made out to Cosmopolitan Club of S.B., to Jim Gravitt, P.O. Box 924, Los Alamos, CA 93440. Guests are welcome – the more the merrier! Questions? – call Faiz Faruki: 685-1291.

Please fill out the flyer on Page 6 of this issue!



LAST MEETING: May 17, 2018

Ticket sellers were Paul Coyne and Gene Miller. The punchbowl host was Bob Zimels. Audio-visual duties were handled by Bob Weber, Bill Alexander, and Orlando Ramirez. Ken Wolf was sergeant-at-arms. The invocation prayer was offered by Bill Alexander.



Wine Drawing

Bob Zimels drew the winning numbers for Bill Veigele, who received a bottle of '15 Vino Pinot Grigio, and for Kevin Ryan, who received a bottle of '15 Vasco Urban Grenache Noir.



Recap: Birding at El Capitan

On the morning of Wednesday, May 23, fifteen fortunate members attended the birdwatching event at George and Mary Pat Surmeier's El Capitan Rancho. Guidance was provided by three members of the Audubon Society. The event concluded at noon with cheese, wine and a light lunch. The birdwatching sites provided spectacular views of the mountains and ocean.

Below are a few pictures taken by an Audubon Society member. Special thanks to George Surmeier for hosting this unique and enjoyable event.

From left to right, clockwise: Phainopepla, male; acorn woodpecker, male; dark-eyed junco, male; white-breasted nuthatch.



Membership Dues

Annual \$100 dues are due by July 1, 2018. There will be a box at the Luncheon Ticket Table so you can drop your dues off at a meeting, payable to Cosmopolitan Club, or mail it to P.O. Box 3993, Santa Barbara 93130

LAST MEETING

May 17, 2018

“The International Space Station”

Chuck Curtis introduced Cosmo Member Al Mercado, who has been a longtime participant in NASA and Department of Defense programs. Al has a B.S. and an M.S. from UCLA and was involved in the definition phase of the International Space Station.



After the moon landings, the United State planned to venture further into space—to the planets of our solar system. Scientists determined that an orbiting laboratory was required to gain knowledge of how factors such as weightlessness and long exposure to the space environment would have on humans and equipment. These challenges were first addressed on the U.S. Spacelab program, an orbiting laboratory in which three scientists conducted experiments. Later, a larger station, the Soviet MIR program, continued these experiments.

In 1980, NASA initiated the International Space Station (ISS) which developed as a huge laboratory, the size of a football field that sometimes can be seen on earth with the naked eye if one knows when and where to look. It incorporates eight solar arrays that are continuously directed at the sun to power this gigantic vehicle. Several large laboratories contain facilities and workspace for a variety of scientific disciplines. Scientists from many countries use these laboratories for their experiments. Russia requested laboratory space and a

separate module was built for their laboratories. The station has a crew of six who perform laboratory tests, station maintenance and extra vehicular activities (EVA), commonly referred to as space walks. Transportation between earth and ISS are provided by the Space Shuttle and others for the U.S. laboratory; the Soyuz vehicle and others for the Russian module. Some of the statistics of the ISS are as follows: Altitude: 250 miles above; orbital velocity: 17,200 miles per hour; orbital period: 92 minutes.

AI showed a video of a crew member maneuvering herself around in the zero-gravity environment. This astronaut explained that beds are not needed; being lightly secured to a surface one enjoys the comfort of being weightless.

A notable result was from the nearly year-long stay of astronaut Scott Kelly and a comparison back on earth to his identical twin brother Mark. The changes found in Scott's physiological system are significant in the planning for the much longer stay in space in a Mars exploration. Several years of tests include a number of factors such as weightlessness, radiation exposure, tele-medical procedures, immune systems and both human and physical characteristics' response to a long exposure in space. There are also experiments benefiting life on earth that are ideally conducted in the weightless environment.



2018 COSMO PICNIC

THURSDAY, JULY 5th
LOWER MANNING PARK

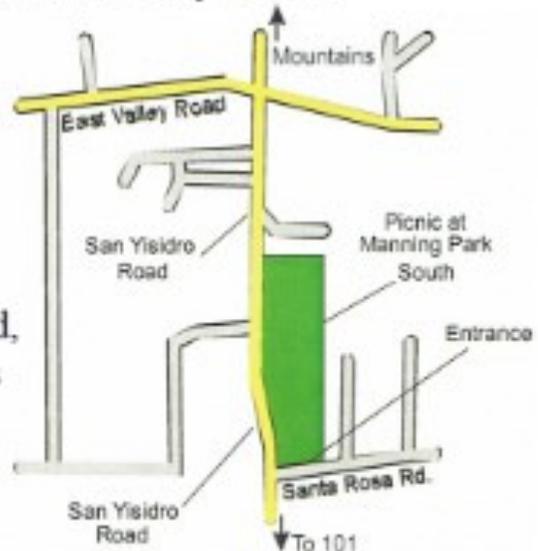
\$20 per person

1100 am - Social Hour

**1200 Noon - Pledge and Invocation
followed by BBQ**

*** BYOB
and Appetizers!
We furnish
the Rest**

Make checks to: Cosmopolitan Club of S. B.
Bring friends and family, no cut-off date, but
if you don't make your reservation by July 2nd,
the price jumps to \$22! Mail your reservations
to: Jim Gravitt, PO Box 924, Los Alamos, CA
93440 or pay at the next meeting.



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COSMO CLUB ANNUAL PICNIC RESERVATION FORM

Thursday, July 5, 2018 37th Annual Picnic \$20.00 per person

Enclosed are checks totaling \$ _____ payable to Cosmpolitan Club for _____ persons

Cosmopolitan Club Members and Wives

Guests

(Please print all names as you want them to appear on the Nametags)

Send to: **Jim Gravitt, PO Box 924, Los Alamos, CA 93440**