



# Crackers

COSMOPOLITAN CLUB OF SANTA BARBARA INC.

Vol LXV No. 15

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Next meeting: February 6, 2020

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Club meetings are held 1st and 3rd Thursdays at Elks Lodge, 150 N Kellogg Ave, Goleta.

Meeting start time: 12 p.m. prompt

(Please arrive 11:30-11:45 a.m.)

## Cosmo Marketing Committee

The Marketing Committee is encouraging all current members to recruit additional members. Please go to [sbcosmo.com](http://sbcosmo.com) and click on one of the four links at the bottom of the homepage, which include: a recording of a radio program interview with current members; a link to the Club email where prospects can request information about applying; a link to a downloadable Membership Application; and a link to review the Club's Constitution. We hope all of these tools will help in our recruiting efforts.

## Highlights From This Issue

- Next meeting: Hobby Day (see p. 2)
- Field trip to Allosphere (see p. 3)
- Follow-up lecture about Allosphere (see p. 2)

## Dress Code

For our regularly scheduled luncheon meetings, California Casual dress will be the preferred style year round. Let the weather be your guide.

## Program Committee Announcement

Our Program Committee does a marvelous job of securing excellent speakers for our meetings. In order to help them provide the programs that you want, you are welcome and encouraged to provide ideas for presentations that would interest you personally. Please submit your ideas to any member of the Program Committee:

[Chuck Curtis](#)

[Charlie Greene](#)

[Vern Kemp](#)

[Kev Ryan](#)

[John Warnock](#)

[JC Elliott](#)

[Karl Hutterer](#)

[John MacKenzie](#)

[Sandy Seale](#)

[Bob Weber](#)

## Cosmo Joins Facebook

Cosmo now has its own [Facebook page](#). 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 [Eric Torbet](#).

## Cosmo Members Ailing

If you learn that one of our members is ill or injured, please notify Editorial Assistant [Eric Torbet](#).

## Website and Online Membership Roster

Access the Cosmo website [sbcosmo.com](http://sbcosmo.com) for current and archived issues of Crackers. A link will lead to the password-protected Roster. The password will be provided in the email that covers the distribution of the Crackers. If you find any errors in your listing in the Roster, please contact Editorial Assistant [Eric Torbet](#).

## Free Lunch Guidelines for New Members

Upon a prospective member's first visit to a regular lunch meeting, he/she will be entitled to receive a free lunch, courtesy of the club. To arrange for this, the guest's sponsor will introduce the guest to the assigned "Guest Introduction" member stationed at the welcome desk. *The Guest Introduction member will provide a "chit" which may be exchanged for a meal ticket at the "Ticket Taker's" desk near the entry to the hall.*

A second set of chits will be given to a new member and his/her sponsor at the meeting where they are seated at the president's table and the sponsor introduces the new member to the membership at that meeting. *If the chits are not already at the Ticket Taker's table, check with the president to obtain these so that they may be exchanged for meal tickets.*

## Upcoming Meetings

February 6, 2020

### Hobby and Special Interests Show



All members who have hobbies and special interests such as Woodworking, Art pieces, Winemaking, Photography, Sculpturing, Pottery, Jewelry Making, Collections, Ceramics, etc. have been invited to display their hobbies and special interests at this special club meeting.

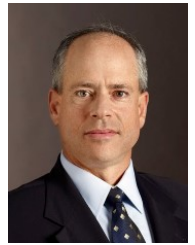
Special Events Chair Thore Edgren, who has organized the show, will introduce the twelve members who will be exhibiting their hobbies or special interests. The exhibit will be in the Elks Lodge North Entry Special Purpose Room.

After lunch, members are invited to visit the exhibits and interact with the exhibiting members. Members are encouraged to attend the show to check out the hobby interests of these twelve participating members:

<b>Thore Edgren</b>	<b>JC Elliott</b>
<b>Dick Grossgold</b>	<b>Ray Higgins</b>
<b>Ken Jewesson</b>	<b>Rob Robertson</b>
<b>Ted Ross</b>	<b>Sandy Seale</b>
<b>Fred Sidon</b>	<b>Bill Stancer</b>
<b>Harv Turner</b>	<b>Bob Zimels</b>

February 20, 2020

### Goleta Load Pocket Community Microgrid: Bringing Renewable-Driven Resilience to the Santa Barbara Region



Kevin Ryan will introduce **Craig Lewis**, of the Clean Coalition, to tell us about a new approach for designing and operating the electrical grid. This will utilize clean local solar energy, energy storage, and electric vehicle charging. In his words: *"Our present system of large centralized power plants is vulnerable to massive outages from natural disaster and acts of terrorism. Smaller, decentralized local renewables reduces this risk"*. The Goleta facility will supply back-up power, at least for critical facilities, in Goleta, Santa Barbara, Montecito and Carpinteria.

Craig Lewis, Founder and Executive Director of the Clean Coalition, has over 30 years of experience in renewables, wireless, semiconductor, and banking industries. Previously VP of Government Relations at GreenVolts, he was the first to successfully navigate a solar project through California's Renewable Portfolio Standard solicitation process. Craig was energy policy lead on Steve Westly's 2006 California gubernatorial campaign. His resume includes senior government relations, corporate development, and marketing positions at leading wireless, semiconductor, and banking companies such as Qualcomm, Ericsson, and Barclays Bank. Craig received an MBA and MSEE from the University of Southern California and a BSEE from the University of California, Berkeley.

March 5, 2020

### Composing and Performing Complex Systems: From the Quantum to the Cosmological



JC Elliott will introduce **JoAnn Kuchera-Morin**, a composer, Professor of Media Arts and Technology and Music, and a researcher in multi-modal media systems, content and facilities design at UCSB. She created, built, and designed the Center for Research in Electronic Art Technology and is the Center Director since its inception in 1986. Her years of experience in digital media research led to the creation of a multi-million-dollar sponsored research program for the University of California, the Digital Media Innovation Program. She was Chief Scientist of the Program from

## Upcoming Meetings, cont'd...

1998 to 2003. In 2000 she began the creation, design, and development of a Digital Media Center within the California Nanosystems Institute.

The culmination of her design is the AlloSphere Research Laboratory, a three-story metal sphere inside an echo-free cube, designed for immersive, interactive scientific and artistic investigation of multi-dimensional data sets. Think of the AlloSphere as a large, dynamically varying digital microscope that's connected to a super-computer. Twenty researchers can stand on a bridge suspended inside of the sphere and be completely immersed in their data. Imagine if a team of physicists could stand inside of an atom and watch and hear electrons spin. Imagine if a group of sculptors could be inside of a lattice of atoms and sculpt with their material. Imagine if a team of surgeons could fly into the brain, as though it was a world, and see tissues as landscapes, and hear blood density levels as music. This is some of the research at the AlloSphere.

## Special Events

February 11, 2020

February 18, 2020

### Trip to AlloSphere

JC Elliott is organizing a trip to UCSB's AlloSphere Research Laboratory, a three-story metal sphere within an echo-free cube, the creation of Professor JoAnn Kuchera-Morin. The AlloSphere is designed for immersive, interactive scientific and artistic investigation of multi-dimensional data sets. Up to twenty artists or researchers can be suspended inside the sphere and be immersed in their data allowing nanogramic studies or artistic creations. Prof. Kuchera-Morin is also scheduled to speak at our regular March 5 Cosmo meeting; please see the description there for more details about the AlloSphere.

Because of the 20-person limit, JC has organized two separate viewing dates, exclusively for Cosmo members. Each tour is at 7 p.m. Email [JC Elliott](mailto:JC.Elliott) to reserve a place on the tour for one of the two dates. JC will confirm your spot and send you directions to Elings Hall on the UCSB campus.



## Regular Events

### Discussion Group

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



**February 20** (Gordon Bjork): *Globalization: The Good, The Bad, And The Ugly*

**March 19** (Jim Davis): *The Phantom we call "Justice"*

**April 16** (Kevin Ryan): *Medicine vs Healthcare Business: Are the incentives incompatible?*

**May 21** (Jim Hemmer): *Origins of Chariot and Spread of Indo-Iranian Language (2,200-1,800 BC)*

**June 18** (Jim Davis): *The Nuclear Weapons Debate*

### 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](mailto:jsubject@aol.com) or Joe Abram at (805) 845-8579, [jabrammd@gmail.com](mailto:jabrammd@gmail.com) for additional info.



### Golf

**Announcement:** We're organizing a trip to San Diego for 3 days of golf, **Feb 16-19**. Contact Ron Singer for details.

Mondays we usually meet at the Santa Barbara Golf Club (Muni). Tee times most often begin at 10:15 a.m. Contact Ron Singer at (805) 684-1355 or [rsinger916@aol.com](mailto: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. 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 [sites.google.com/view/cosmosb/home](https://sites.google.com/view/cosmosb/home) to register and sign up for additional news.



# Last Meeting

**January 16, 2020**

Tom Mack gave the invocation after the singing of the National Anthem and recitation of our Pledge of Allegiance. Fred Marsh and Anne Weber were the ticket sellers while Bryan Bahman mixed the Punch. The position of Sergeant-At-Arms was ably filled by Roy Webley. Bob Weber and Orlando Ramirez functioned as the Audio/Visual Team.

Thore Edgren reminded members that the next Cosmo meeting is "Hobby Day" (see listing above in Upcoming Meetings), while JC Elliott announced an outing to the AlloSphere (see listing above in Special Events).

## Wine Drawing

Bob Weber was awarded a Oyster Bay of New Zealand 2018 sauvignon blanc by Bob Zimels. A Kendall-Jackson of Santa Barbara County 2017 Vintners Reserve syrah was garnered by Alan Bullock.



## Welcome Our Guests

Pete Kruse introduced the following guest:



**Don Vickers**, sponsored by David Bohn, is a native of Ventura, and served as a lawyer for both the county and city of Santa Barbara. His interests include golf, hiking and traveling.

## Program Synopsis

### Current Trends in Audiology

Kevin Ryan introduced **Jacqueline Wiley**, owner and operator of Santa Barbara Audiology. Because of the rapid advances in the area of hearing loss and treatment, the discussion was well received by attending Cosmopolitan Club members, as many have hearing deficits.



A graduate of UCSB, Ms. Wiley earned her Master's of Audiology at the University of Iowa. In addition to 14 years of clinical practice, she has participated in research at both the House Ear Institute in Los Angeles on otoacoustic emissions and the local Sansum Diabetes Research Institute.

Presbycusis is a form of hearing loss gradually occurring as adults age. It affects one third of individuals after 65 years, reaching over 50 percent by age 80. Hearing loss above 30 decibels (a whisper) is considered mild deafness. Over 40 decibel loss (the hum of a refrigerator) is moderate loss of hearing, while above 70 decibel loss (the sound of an average dishwasher) is rated as severe hearing deficit.

Ms. Wiley spoke on the technical advances to treat hearing loss, including hearing aids that both cancel feedback sounds and decrease background noise. Services are now available to teach family members how to speak to relatives with hearing loss.

The use of a Hearing Loop in group settings was reviewed. A telecoil (t-coil) is attached to a hearing aid to magnify hearing at concerts, movies and church services, enabling deaf people to continue social activities.

Other helpful technology includes rechargeable batteries to lengthen hearing aid service. Patients can periodically recharge their batteries so down time needed to replace the energy source is eliminated.

Hearing aids now are so small and cosmetically pleasing to allow continual use and therefore practice with the device is augmented. Many different hearing aid manufacturers have features that appeal to different users. You are now able to obtain hearing aids that will translate foreign languages, and others that can monitor the user's activity level.

After the slide-augmented lecture and two educational film clips, Ms. Wiley answered and discussed questions submitted by the attentive audience.