



# The Pathfinder

## Bulletin No.10



People often ask me why I retired. I had an ideal job in which I could work anywhere in the world where there was internet access. I could work anytime during the day, and plan other activities easily. Most of all, I enjoyed my work. So, what was it that led to me hanging it up after a 40-year career?

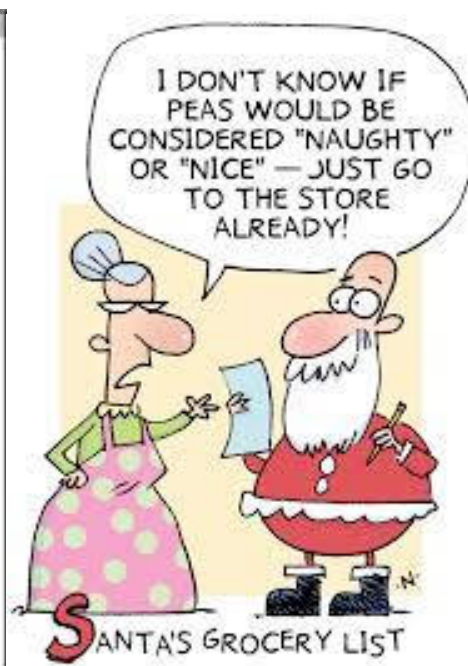
So, I retired and while I continued to plan stuff, it was all just fun stuff like travel, cards and games with friends, dinners out, an occasional breakfast with the Optimist Club, and, after continuous arm twisting by three friends, "fun and a good luncheon once a month" at Sons In Retirement, but mostly just travel and gardening on the days when I woke up and decided to do something. None of it was work, and the only person I disappointed occasionally was my wife.

Outside of Law Enforcement, Todd attends long distance bicycle events for several different fund raisers, spends time with family, and is into building custom vehicles.



- October 19<sup>th</sup> Luncheon (Menu NA)
- RSVP by responding to the eVite ( <http://evite.me/DGCTD4hTPJ> ) or by notifying our Big
- Sir Bob Marshall at 510-502-7295 /
- [hdog48@gmail.com](mailto:hdog48@gmail.com) or Sir Phil Keller at
- 510-366-9443 / [phil@pkeller.net](mailto:phil@pkeller.net).

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## CHRISTMAS LUNCHEON

This is an early reminder to all of our members that we will have a Christmas Luncheon for the first time since 2019. The date will be **Wednesday, December 21<sup>st</sup>** (The first day of winter). My wife and I are already at work planning for this fun gala. We hope to have some great entertainment and a Christmas sing along to get us in the Christmas spirit. Our caterer will again provide us with his culinary magic. The luncheon entrées will be Tri Tip Roast, Chicken, Salmon, and Eggplant Parmesan. A Mandarin Orange Salad, Rolls, and Dessert will round out your meal. The price per person will be \$35 or \$70 per couple. Wine will be available to purchase by the bottle or glass from our bar. No cash, **CHECKS ONLY**, So bring a check made out to **Sir Branch #59** and give it to me along with the form at the bottom of this page. My wife and I will be located at a table at the back of the dining area. As always, I will be depending on our wonderful Sons In Retirement brothers to come through with some great door prizes. We hope some of you will join my wife and I and be a part of the social committee in planning this event. Tom Blalock's wife Gail has already volunteered to make our centerpieces. I will make available a merchant introduction letter you may want to use to obtain a door prize from our generous area merchants. So save the date,:

**Wednesday, December 21<sup>st</sup>**, for a wonderful Christmas Luncheon. This event is for our ladies or significant other and we will also provide for our single members. So there is no reason that anyone cannot have a great time. We will be selling tickets at our October and November luncheons. Any questions give me a call (510) 657-7828.

Rob Ingebretson  
Social Chairman

Name \_\_\_\_\_ Badge# \_\_\_\_\_

Partner \_\_\_\_\_

Entree: Beef\_\_ Chicken\_\_ Salmon\_\_ Veg.\_\_

Check# \_\_\_\_\_





# SIR Branch 59 BEC Minutes, September 21, 2022

## Branch 59 Officers

### Big Sir

Bob Marshall  
(310) 502-7295

### Little Sir

OPEN

Help Wanted

### Secretary

David Nelsen  
(510) 673-5042

### Asst. Secretary

Rob Ingebretson  
(510) 657-7828

### Treasurer

Larry Lardie  
(510) 579-5934

### Asst. Treasurer

James Vermazen  
(563) 920-6908

### Directors

Ken Brunskill

Jerry Halligan

Richard Henry

Phil Keller

Sammy Lum

Dave Shideler

Jim Ulam

### RAMP

Jim Ulam-Recruitment

Larry Lardie/Jerry Halligan-

Activities

Rob Ingebretson-Membership

Sammy Lum-Publicity

### Branch 59

Meets at Fremont Elks

38991 Farwell Drive,

Fremont CA on the 3rd

Wednesday of each

month

10:00 AM

Executive Board Meeting

11AM Social Hour

12 Noon Lunch



A Nonprofit public  
benefit corporation  
for retired men



The meeting was called to order by Big Sir Bob Marshall at 10:03am. All BEC members were present except Rick Henry and Jim Vermazen.

The August 17 meeting minutes were approved as presented. Dave referred to correspondence from SIR State regarding a change in the SIR Covid Protocol. That change rescinded the SIR State mandate that required all SIR members and guests show proof of Covid vaccination and supply a signed liability waiver. Instead, Branches will have the ability to determine their own Covid protocol as long as they comply with facility, local, State, and Federal Covid requirements. Dave suggested we consider a motion to change our branch Covid protocol following SIR State relaxing their rules. The motion was tabled until next month, giving us time to write the motion with appropriate language.

Several corrections need to be made to Form 20, SIR Branch Personnel for 2023, which I shared with you last month. After thoughtful consideration, Bob Marshall has concluded he cannot serve as Big Sir next year. Larry Lardie will not be Chairman of the Golf Group. Jim Ulam will not be a Director, however, he will Chair the Golf Group.

The Treasurers report was approved as presented. The balance of our general account on September 21 was \$6,408.45. Next month we will pay \$246.75 for the SIR State Assessment. This is based on our April membership of 141.

Big Sir report; Bob attended the SIR State Annual meeting on August 25. He relayed some of the discussion including the change to the Covid Protocol.

Membership; Rob reported our current membership number is 120. We expect three new members today; Clem Paraiso, Daniel Johnson and Charles Martinek. Their membership was approved by the BEC. A question arose regarding who and when membership dues is discussed with new members. This should be done during orientation, if not earlier with their sponsor. Dues is prorated at \$5 per month remaining in the year.

Bob mentioned we have speakers scheduled through our February meeting and he is in discussion with someone from Washington Hospital about presenting in March or April.

Rob discussed the holiday luncheon and the many things which must be planned and executed by a group of volunteers including menu, ticket sales, entertainment, raffle prizes and distribution, table settings and advertisement. We are in need of people to help make this event fun and enjoyable.

Activities; Jerry reported the Wednesday Walkers have seen consistent attendance through the summer. Bocce Ball Friday was well attended last week with several spouses joining as well.

Recruitment; Jim mentioned he talks with other golfers during golf days about the SIR golf group, suggesting if they become SIR members they would be able to participate on a regular basis with their group.

Publicity; Sammy indicated he has had several responses to the NEXTDOOR posting he submitted. He felt they were curiosities and not sincere interest.

Ride Share; There were no responses for the need of a ride to our monthly meetings.

New Roster; Our last printed roster of branch 59 members was distributed in 2020. A new roster has been in the works and will be distributed in early 2023.

The meeting was adjourned at 11:04am.

Dave Nelsen, Secretary

# October Birthdays



**John Ockes**  
Age 95



**J. D. Smith**  
Age 80



**Terry Dalziel**  
Age 80



**Rob Perril**  
Age 75



**Sir Sammy Lum**  
Birthday Chairman

You may have noticed that our birthday procedure has changed. If it is your birthday month you are to pick up a lei in the box located next to the gentleman that gives you your badge when you enter. You are to wear it during the luncheon and you may sit anywhere you want as there will no longer be a birthday table. Sometime during the luncheon you will be given the opportunity to say your name and how old you are. After all the birthdays have been announced there will be a drawing for a bottle of wine given to one of the birthday members present. We ask that when you leave the luncheon that you please return your lei to the same box where you picked it up.

## **ATTENDANCE REPORT**

**September 21, 2022**

**Total Membership 123**

**New Members;**

**Clem Paraiso #59**

**Daniel Johnson #106**

**Charles Martinek #115**

**\*\*Bob Benya has died**

**Members in Attendance 68**

**Members Absent from Luncheon 53**

**Percent of Membership in Attendance 55%**

**Total Attendance 69**

**Submitted by**

**Rob Ingebretson**

**Membership Chairman**



**Newest members:**

**Daniel Johnson, Clem Paraiso, and Charles Martinek**





Cyber Geezers usually meet on the last Wednesday of each month. Our next meeting will be held on **October 26<sup>th</sup>**. We will again include Seniors of the Greater Niles Village, and any SIR Member wanting to join us. The meeting will begin at 1:00 pm. Login information is given below

**Cyber  
Geezers**

In the last Zoom session we discussed various ways of saving information using OneNote by Microsoft. On a tablet and as an app on a computer. Please send requests to Jerry at [jlsabo3@comcast.net](mailto:jlsabo3@comcast.net).

*SIR Happenings is published 4 times a year—the next issue will be published for November 2022.*



Join the next Zoom Cyber Geezer Meeting  
<https://us02web.zoom.us/j/96358532596>

Meeting ID: 963 5853 2596

*Deadline for submitting articles is October 15<sup>th</sup>.*

*You can find past issues on our website:*

<https://sirbranch59.org/>

The "Dealer's Lunch Bunch" meets for Poker every month on the Monday immediately following our monthly luncheon. We currently have about 10 members who routinely attend games. We have a seven-seat table, so space is limited to the first seven players who reserve. But don't let that stop you from joining our group! We have had up to 10 players (lots of common card games) since the group started, and IF we consistently get more than 10 reservations, we will open a second table. The buy-in is \$10, with dime-quarter-half dollar chips, so it is within everyone's means. If you have a desire to play, please contact Sir Larry Jett ([larrywjett@gmail.com](mailto:larrywjett@gmail.com)), or Sir Bob Marshall ([hdog48@gmail.com](mailto:hdog48@gmail.com)).



*Eleven Branch 59 Bowlers competed at the Brentwood Tournament on 9/30/2022. Wid Nojopranoto was just out of the prize category in Division A singles, guest Cynthia Pisani placed 7<sup>th</sup> in Division B singles, Sir Jerry Sabo and guest Caryn Silva placed 1<sup>st</sup> in Division A doubles and Sir Harvey Look and guest Gloria Miranda placed 3<sup>rd</sup> in Division B doubles. Sir Sabo and Ms. Pisani placed 6<sup>th</sup> and 7<sup>th</sup> in All-Events B Division.*

*Branch 59 bowlers will likely attend two more tournaments this year: Citrus Heights and Modesto.*

*We have plenty of room for bowlers to join us on Mondays (Earl Anthony Bowl-Dublin) beginning at 11:00. Arrive at least 15 minutes early for lane assignments and practice. Cost is \$15 per week including a weekly prize pot.*

**Branch 59 has added Bocce Ball** as a club activity! We have free use of the new court at the beautiful Warm Springs Age Well Center on Fridays. Meet up is 10:00 a.m. at 47111 Mission Falls Ct. (near Warm Springs and Warren (use your GPS)). This will be a co-ed activity; everyone is welcome. Bocce Ball is easy to learn and very fun to play. The weather forecast is sunny and warm--PERFECT. Bring a hat and water bottle.

Send news and questions to:

Jerry Sabo,  
Executive Editor  
[jlsabo3@comcast.net](mailto:jlsabo3@comcast.net)  
Sammy Lum,  
Assistant Editor  
[lumsam@sbcglobal.net](mailto:lumsam@sbcglobal.net)

Can't Put a Name to a Face?

Visit our branch website at

[www.sirbranch59.org](http://www.sirbranch59.org)

Click on the Member Gallery tab on the website and then enter the password: SIR59

## **Big Sir Bob from Page 1**

That all changed when I was roped into being a member of our Branch Executive Committee. I just wanted to run a Branch poker game! That was in 2017. And now, here I am as your Big Sir, and I am in a conundrum. I enjoy the work, but it is work which I knew when I took the job. That's why I said when I took the job, that I would do it for ONE YEAR ONLY. I was willing to "rejoin the workforce" for the good of the club, as do ALL of the officers and directors of our club. But fellow SIR's, once January comes my work is finished. I want to go back to the time when all I had to worry and obsess about was my monthly SIR poker game.

When my year started I had six main personal goals as your Big Sir; 1) get the club back to successful post-pandemic in-person luncheons; 2) conclude a successful conversion to a dues paying club; 3) convert to a new proactive attendance system; 4) complete a new agreement with the Elks Lodge with more meeting time for SIR activities; 5) grow the club upon completion of the dues conversion; and 6) find people to become Little and Big Sir.

I am happy to say that I have met five of my six goals. I have not been able to find anyone who will step up to be Little Sir for this year and be willing to take on the job of Big Sir next year. I promise you all that I will work diligently for the next three months to fulfill that final goal. But it is with a heavy heart that I reiterate. I will not be Big Sir for 2023. I will be reaching out to you, our members, to step up and take the mantle of leadership after I've retired once again.



**IF YOU ARE BRINGING A GUEST TO OUR NEXT LUNCHEON COULD YOU PLEASE CALL , ROB INGEBRETSON, MEMBERSHIP CHAIRMAN, AT (510) 657-7828 OR EMAIL [ROBINGY@COMCAST.NET](mailto:ROBINGY@COMCAST.NET)**



**Starting last February we notified you of our luncheon meeting two ways. First, via an EVITE to all of you who have a good email address with the club. You can RSVP via the Evite from Phil Keller, by following the directions in the Evite email. Second, you will be notified via the monthly Pathfinder, which is emailed, or U.S. mailed to every member depending on your request**

**[PHIL@PKELLER.NET](mailto:PHIL@PKELLER.NET)**

**510-656-7395**

**Do You Need A ride to our monthly luncheons? If the answer is yes then let Rob Ingebretson know at (510) 657-7828 or email him at [ROBINGY@COMCASTNET](mailto:ROBINGY@COMCASTNET)**

**You can get your Pathfinder**

**<https://newsletters-2022/>**

**Comments, photos for site etc. email to:**

**[sirbranch59@gmail.com](mailto:sirbranch59@gmail.com)**



## Huckleberry Daiquiri

In the north of Idaho grow huckleberries. In the fall they are picked, some by bears and some by humans. It has been a long time since I have picked any. In good years my siblings pick as many as they can because in bad years like this one there are few to be found. The story is that the bears get most of them, they just strip them off the bushes and gorge themselves with the luscious, fragrant fruit. For those of you who have never tasted huckleberries, the fruit is small, usually smaller than the smaller blueberries one might find in the local grocery store. Deep purple, they stain pancakes their color as they sizzle on the griddle. They can be used in muffins as well, and I'm sure they can be baked into other foods as well, always coloring them that glorious purple. As flavoring for a daiquiri they are sooo good.

But in northern Idaho on vacation I had my latest encounter with huckleberries. I speak to you, fellow SIRs, of lunch with a huckleberry daiquiri. To set the scene, I find it important to let you know that it is important to have worked hard to reward oneself with said huckleberry daiquiri.

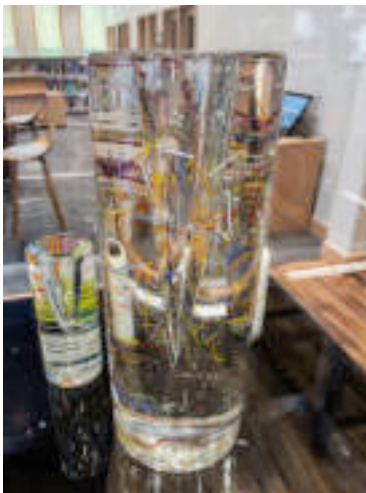


We, Scott, Trish, Madelyn and I drove out early from the east bank of Priest Lake to find the Roosevelt Cedar Grove (spared from clearcutting by Teddy many years ago) on the western side of the lake, followed by a visit to the Entrée Gallery to feast our eyes on works of art. I'm not sure that we found the Grove, but we did visit Huff



Lake and peat bog in the silence of early morning. This tiny lake developed over centuries as vegetable matter decayed and left a black earth behind – so the spongy green grasses surround a lake with a black bottom, rather surreal. When we arrived at the Cedar Grove parking lot we took the trail up, up and up. At one point, the trail overlooked a diagonal waterfall far below us. At long last the trail started slightly down and we followed it back to the parking lot. I think we somehow missed the Cedar Grove, because the largest cedars we found were right there in the parking lot. Not determined enough to try the trail again, we drove to the Entrée Gallery. As expected, it contained gor-

geous oil paintings of wild animals and the deep woods, sculptures in bronze, glass, wood and other media, beautiful jewelry, and a fantastic photo exhibit of 1940s north woods people and places taken with a revolving-back camera, black and white photos enlarged to six to eight times the size of the negative (2 X 10 inches). Alas, the gallery closed forever on September 18, 2022 after 30 years.



Saddened by the imminent closure of the Gallery, and in need of spirit lifting, we headed to Elkins' Resort for lunch. My drink of choice of course, a huckleberry daiquiri. We ordered a plate of ham and beef nachos for the four of us, and as it turned out, that plate was more than we all could eat in spite of its deliciousness. But to the daiquiri. Served in a nearly 16 oz. glass, purple, frozen daiquiri slush topped with whipped cream (with a straw because it would not pour like a liquid drink) the luscious essence of huckleberry tasted/smelled like fruit from the gods.

More, more until I got a brain freeze. That slowed me down a bit, probably a good idea, because even with the brain freeze I was a bit happy when I stood up. Yeah, I wasn't driving. I found out later they offer fill-ups if you need more essence of huckleberry. Although the morning was hard work, the afternoon

was a delight ...but I don't remember much about it.

~ Bruce Roberts





*September 2022 Luncheon photos with thanks to our guest speaker William Ball  
Photographer Sammy Lum*





## Study finds medical procedure that rejuvenates old human blood

September 15, 2022 by William Schulz



This Halloween season, vampires might want to pause their never-ending search for the blood of youth. A new study from UC Berkeley researchers disputes the idea that, for humans, young blood can rejuvenate the old

— and suggests there is likely a better way to ward off the ravages of time.

“For millennia, people have guessed that the secret to youth and long life is in the blood,” said Irina Conboy, professor of bioengineering and the study’s lead author. But the belief that young blood can somehow restore old blood doesn’t stand up to recent science.

Rather, the researchers discovered that, as they showed in earlier small-animal studies, old blood can be returned to a youthful state via a rapid and dramatic dilution of old plasma. They did so by examining human blood subjected to rounds of a very well-established procedure known as therapeutic plasma exchange (TPE).

The study, [published in the journal \*Gerontology\*](#), shows that human biological aging, and many of the debilitating conditions that can come with it, is driven by excesses of molecular bad actors that accumulate in the blood as people age. These circulating blood proteins include cytokines, toxic autoreactive antibodies and biomarkers for specific diseases.

This cellular baggage results in “inflammaging”— a mashup term for chronic inflammation plus age that weakens the immune system — as well as a familiar litany of other gerontological conditions including a variety of cancers, arthritis, and brain diseases like Parkinson’s and Alzheimer’s.

To uncover these bad actors circulating in old blood, including 10 novel protein biomarkers, the researchers studied the effects of multiple rounds of TPE — also known as plasmapheresis — on people of varying ages. Dobri Kiprov, a co-author of the

study, provided the blood samples with information only on the ages and gender of study participants.

Much like the process of donating blood or plasma, TPE involves removing blood from the body, separating out the plasma and replacing it with saline and purified albumin, and returning the blood cells to the body in that age-neutral solution.

The team’s analysis included comparative proteomics (the study of proteins), comparative gene expression, bioinformatics and bio-computation. Their findings showed indicators of rejuvenation in the samples, including reduced inflammaging, diminished protein markers of neurodegeneration and cancer, diminished resistance to cell death and accumulation of senescent cells, lowered DNA damage and improved immunity.

Conboy notes that the 10 novel protein biomarkers the team identified quantify a person’s biological age, providing a new tool for researchers and clinicians, and removing a need for predictions.

But TPE is not being looked to as a cure or preventative treatment for the many perils of aging. Conboy stressed that the procedure is far too invasive and chock full of its own risks for that to be considered. Rather, the number of people who receive the procedure to treat other serious health conditions presented an opportunity to expand the animal studies and advance them for a better understanding of human aging, and for developing safe and effective rejuvenative strategies.

“Not many people get plasmapheresis,” said study co-author Joel Kramer, a neuropsychologist at UCSF. The procedure, he says, is most often reserved for very sick people with autoimmune diseases or neurological disorders like myasthenia gravis and Guillain-Barré syndrome.

Kramer’s patients are people with Alzheimer’s disease, but as with so many afflictions of the elderly, there are few treatments — and certainly nothing remotely close to a reversal of the disease process. He said the TPE studies are better thought of as a tool for probing the processes of aging at the cellular and molecular level.

Conboy said the study on rejuvenative effects of TPE points to future research directions. She noted that a hallmark protein of neurodegenerative dis-

eases, dubbed TDP43, is elevated in the blood serum of relatively healthy older adults but stably attenuated by rounds of TPE. The finding suggests that there is a preventive capacity against age-associated neurological disease.

“By understanding how rapid and drastic dilution of age-elevated proteins in blood serum works, we can eventually make all tissues and organs younger,” Conboy said.

Scientists and clinicians need to understand all that is happening as a result of molecular excesses found in old blood, Conboy continued. “My gut feeling is that you cannot simply apply this FDA-approved procedure [TPE] over and over again

and get younger. We will run into some sort of a block because it is an invasive procedure.”

How TPE works at the molecular level is very important to understand because then the procedure might be optimized, for example, by applying specific exchange fluids, Conboy said. “Or, even more importantly, we can identify and develop pharmaceuticals — defined molecules that people can take as a drug combination to achieve the

safe, rejuvenating effect.”



## From Sound and Vision

## TV Tech Explained: What Are Quantum Dots?

Thomas J. Norton | Sep 6, 2022

Quantum dots are microscopic particles first developed in the 1980s. They produce colored light when hit by ultraviolet energy; the color of the light they emit depends on their size, shape, and structure. Today there are numerous applications for them apart from video displays. These include tiny (single-electron!) transistors, solar cells, LEDs, lasers, and medical imaging. These applications are addressed in various internet sites, but many such descriptions are so impenetrable for anyone not in the specific field being discussed that they almost read like parodies. The following paragraph (no joke) is for applications in medical science:

“Regarding clinical diagnostics, a highly sensitive photoelectrochemical immunosensor for an ovarian cancer biomarker, CA125, was demonstrated using SiO<sub>2</sub>@polydopamine core-shell nanoparticles and CdTe QDS. Detection of carcinoembryonic antigen and monitoring of the T4 polynucleotide kinase activity were demonstrated using Mn:ZnCdS@ZnS and CdTe QDs on SiO<sub>2</sub> microspheres. Functionalized CdSe/CdS/ZnS core-shell-shell QDs and terbium-labeled antibodies were demonstrated as adenosine diphosphate sensors using Förster resonance energy-transfer processes.”

I hope that the following explanation of quantum dots, as used in video displays, will be a bit less intimidating!

TV makers have been offering flagship TVs using Quantum Dots since 2014. Samsung even refers to some of their sets as QLEDs, sowing no end of confusion among consumers who thought (and might still believe) that QLEDs and OLEDs must be very much the same apart from that insignificant little squiggle. But they're not the same. The QLED sets (still prominent in Samsung's product range) don't use OLEDs at all.

LCD or LED sets always struggle to excel in their black levels. The LCDs or LEDs that provide their illumination is always on and not perfectly blocked off when gray (or full black) is demanded by the source on specific areas (or all) of the screen. This problem was dramatically reduced by the development of local dimming, which divides the screen lighting into individually dimmable zones. The number of such zones can range from double digits to hundreds, largely depending on the price of the set (the cheapest LCD sets often don't have local dimming at all). The development of mini-LEDs has also moved the number of possible dimming zones into the thousands on flagship TVs. But even then a significant compromise remains. When dim or dark areas are demanded by the source, the light from the lit zones can still spill over into the darker ones. The most prominent example of this would be where a bright image is directly adjacent to a black letterbox bar.

### What are quantum dots

Tiny man-made crystals that have the ability to convert a spectrum of light into different colours





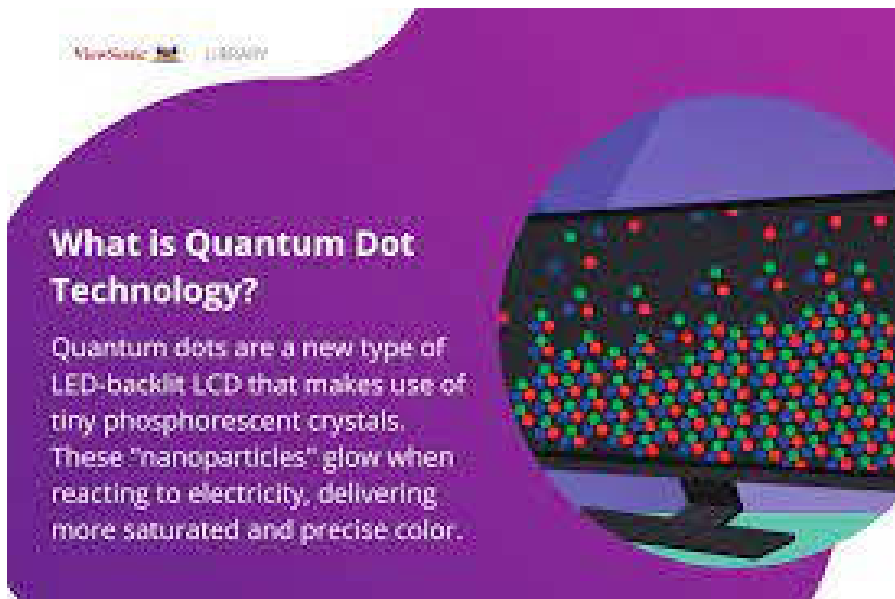
OLED televisions differ from QLED or LCD flat panel displays in that the OLED elements function at the individual pixel level and can be shut down *completely* in areas of an image that demand true blacks. That is, each of the 8,000 pixels in a 4K display can be individually dimmed or brightened, in real time, as needed by the source without affecting adjoining pixels.

But what's the best way to design an OLED TV? In the early 2010s two versions of OLED televisions were introduced. The first used separate red, green, and blue OLED elements to provide a full range of color. Samsung actually developed such a design but it had disadvantages, particularly in peak brightness. I don't recall it being widely marketed, but did see it once at a CES demo. Samsung soon abandoned OLED in favor of its LCD and, later, QLED designs. But Samsung Display's OLED knowledge never grew rusty; they've long been a leading supplier of OLED screens for mobile phones (perhaps an even more lucrative business than home TVs!).

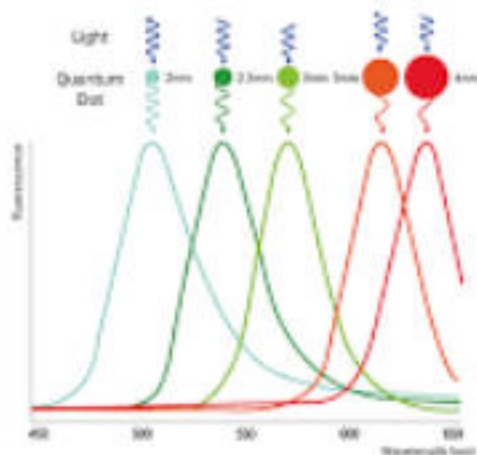
Another way to design an OLED TV is to use white OLEDs together with filters to separate out the needed red, green and blue colors. That ups the brightness significantly, but not without a downside. Such white-light-enhanced OLED displays (sometimes dubbed, in industry insider-speak, WRGBs) can reduce color saturation in bright scenes. This is rarely obvious in normal viewing, though can be more significant with the higher peak brightness demanded by HDR sources. But the tradeoffs have been minimal; few users have ever complained. So up to now all commercial OLED displays, apart from that early Samsung, have used this type of design.

Another way to build an OLED display, not seen commercially until now, is the use of OLEDs combined with red and green quantum dots to produce a full RGB color spectrum without the need for color filters. The all-blue OLEDs not only provide the blue light needed but also energize quantum dots that then produce the red and green. This technique allows for higher brightness compared to WRGB designs (due to the elimination of the WRGB's color filters) and potentially offers purer, more accurate color. In video applications the quantum dots range in size from 2-6 nanometers; 10 nm is about 3,000 times smaller than the width of a human hair. Red-to-green color is produced from the 2-3 nm sizes, red from 5-6 nm.

This type of OLED TV is just coming to market from Sony and Samsung; Samsung Display manufactures the panels and licenses them to Sony and Samsung (Samsung is an independent entity from Samsung Display: don't ask!). Expect this QD-OLED technology to coexist in the market, for a time, with WRGBs. Our finished but not yet published review of one of the first such "QD-OLED" sets indicates that it's a genuine advancement. No sneak peeks here, apart from revealing that its peak white level reached 1,000 nits. Most previous OLEDs have struggled to reach 700 nits, apart from our recently reviewed LG 65G2. The latter is a conventional WRGB, non-QD-OLED but achieved about 925 nits thanks to a back panel heat sink designed to bleed off the heat that keeps most conventional WRGB OLEDs from achieving brightness levels anywhere near that high.



Color of Light Depends On Size of Quantum Dot



## PATHFINDER BRANCH 59

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Return Service Requested

**FIRST  
CLASS  
POSTAGE**

## FIRST CLASS MAIL

**October 2022**

### COMMITTEE CHAIRMEN AND ASSISTANTS

#### ACTIVITIES

Larry Lardie/Jerry Halligan  
Co-Chairmen

#### ATTENDANCE

Bob Marshall - Chairman  
Bill Leake - Assistant  
Bill Pruner - Assistant  
Bruce Hevelin - Assistant

#### AUDIO-VISUAL

Carl Nordling - Audio  
Sammy Lum/Jerry Sabo - Video  
**AUDIT**

Carl Nordling - Chairman  
Open - Assistant

#### BIRTHDAYS

Sammy Lum - Chairman  
Art Winkley - Assistant

#### BOWLING

Miguel Ferras - Chairman

#### BRIDGE

-Chairman

#### CHAPLAINS

Ted Bresler

#### CIRCULATION

Bill Briscoe - Chairman  
Sterling Strickland - Assistant

#### COUPLES DINING OUT

Jim Ulam - Chairman

#### COUPLES WINE TASTING

Open - Chairman

#### CYBER GEEZERS

Jerry Sabo - Chairman

#### DATABASE

Sammy Lum - Manager  
Jerry Sabo - Assistant

#### GOLF

Larry Lardie/Jim Ulam  
Co-Chairmen

#### LIBRARIAN

Richard Holley/Rick Henry  
Co-Chairmen

#### MEMBERSHIP

Rob Ingebretson - Chairman  
Carl Nordling - Assistant

#### NOMINATING

Richard Henry - Chairman

#### PATHFINDER

Editor - Jerry Sabo  
Assistant - Sammy Lum

#### PHOTOGRAPHER

Bruce Roberts

#### POKER

Bob Marshall - Co-Chair

Larry Jett - Co-Chair

#### PUBLICITY

Sammy Lum - Chairman

Jim Ulam - Assistant

#### RECRUITMENT

Jim Ulam - Chairman

Alan Weiner - Assistant

#### ROLLIE REFEREE

Open

#### SOCIAL

Open - Chairman

#### SONG LEADER

Bob Benya - Chairman

#### SPEAKER RECRUITMENT

Bob Marshall

#### SPORTS

Bill Leake - Chairman

Nat Lord - Assistant

#### SUNSHINE

Open - Chairman

#### WEBSITE

[Sirbranch59.org](http://Sirbranch59.org)

Sammy Lum - Webmaster

#### STATE OFFICERS

##### STATE PRESIDENT

Rick Kindle

##### VICE-PRESIDENT

Dale Decker

##### STATE SECRETARY

Dick Devoe

##### STATE TREASURER

Roy Hodgkinson

##### Chief Administrator

Dean Steichen

##### DIRECTOR, REGION 5

John Haffner

##### GOVERNOR, AREA 15

John Haffner

##### SENIOR HONORARY LIFE

##### MEMBERS

Nat Lord

##### HONORARY LIFE MEMBER

Hugh Twomey

Arthur Winkley

Rob Ingebretson

1976 Peter Clark\*

1977 Karl Heine\*

1978 Harry Cooper\*

1979 Kenneth Foster\*

1980 Larry Varblow\*

1981 Guido Milano\*

1982 Alex Fulton\*

1983 Stephen Epler\*

1984 George

Herman\*

1985 Ray Crosby\*

1986 Loran Coburn\*

1987 Robert Davis\*

1988 Robert Klindt\*

1989 Martin Annen\*

1990 Lee Updegraff\*

1991 Fred W. Fretter\*

1992 Lyle Kingery\*

1993 LeRoy J. King\*

1994 George Hubach\*

1995 Clyde Killion\*

1996 Bill Schwan\*

1997 Nat Lord

1998 John Buchanan\*

1999 Art Lampert\*

2000 Harry Heyen\*

#### PAST BIG Sirs

2001 Bob Beam

2002 Rollin Cunningham\*

2003 Don Henry

2004 Tom Sherba\*

2005 Howard Thompson

2006 Les Addison

2007 Ted Bresler

2008 Richard Holley

2009 Don Gillis\*

2010 Frank R. Thomas

2011 Hugh Twomey\*

2012 James Ferenz\*

2013 Skip Mugford\*

2014 Rob Ingebretson

2015 Skip Mugford\*

2016 Jim Ulam

2017 Jim Ulam

2018 Harvey McAninch

2019 Harvey McAninch

2019 Richard Henry

2020 Richard Henry

2021 Larry Jett

\*(deceased)

#### PATHFINDER DEADLINE

Copy deadline for the next issue of the Pathfinder  
will be Wednesday, a week after the regularly  
scheduled Monthly Luncheon Meeting.