

range Bytes

Volume 44 No 2

Feb 2020

\$1.50

NOCCC Meetings for Sunday Feb 9, 2020

The consignment table will be open from 10 am to 1 pm

Main Meeting

**Jim Sanders will do a presentation on Raspberry Pi
Including the model 4 and some hardware examples**

Special Interest Groups (SIGs) & Main Meeting Schedule

9:00 AM – 10:30 AM

Beginners Digital Photography Science 129

Questions and Answers about Digital Photography

Linux for Desktop Users..... Science 131

Beginners' Questions about Linux

10:30 AM – 12:00 PM Noon

3D Printing Irvine Auditorium

Questions and Answers about 3D printing

Advanced Digital Photography... Science 129

Questions and Answers about Digital Photography

Linux Administration Science 131

More topics about the Linux operating system

Mobile Computing..... Science 109

We discuss smartphones, tablets, laptops, operating systems and computer related news.

VBA and Microsoft Access/Excel..... Science 127

Using VBA code to enhance the capabilities of Access and Excel

12:00 PM Noon – 1:00 PM

3D Printing..... Irvine Auditorium

Questions and Answers about 3D printing

PIG SIG Irvine Courtyard

Bring your lunch. Consume it in the open-air benches in front of the Irvine Hall. Talk about your computer and life experiences.



1:00 PM – 3:00 PM Main Meeting

..... Irvine Auditorium

Jim Sanders on Raspberry Pi

3:00 PM – 4:00 PM

Board Meeting..... Science 129

Verify your membership renewal information by checking your address label on the last page

**Mark your calendars for these meeting dates
2020: Feb 9, Mar 1, Apr 5, May 3**

Coffee, cookies and donuts are available during the day in the Irvine Hall lobby.
Foods and drinks need to remain outside the Irvine Auditorium.

“Friends Helping Friends” since April 1976

Club Business

Presidents Report



I was in communication with the person at Chapman University regarding summer scheduling. I have not heard back yet so at this point I believe that our meetings are still going to be on the first Sunday of each month. More to come if any changes are in order..

president@noccc.org

Main Meeting & SIG Reports

January Main Meeting

President Robert Strain preceded the showing of an APCUG video on using online maps and navigation directions with a critique of some of its failings.

Linux SIG

By Robert Strain

Our regular SIG leader, Tommy, didn't make it to the January meeting, but all went well. We had a long interesting discussion about whether Acronis made an exact duplicate of everything on a disk drive or just the data referenced by the Partition Table and the Master File Table (MFT). We came to the conclusion that Acronis did not copy any data on a drive that had been deleted (available as free space, data exists until being overwritten) and that data recovery would not be possible on the "clone" created by Acronis. Anyone that has an interest in operating systems and how they work is welcome to our SIG.

BOD Minutes for December 2019

The board meets in Science 129 3:00 p.m.

Submitted by: Bob Dickson, Secretary

The December 2019 Minutes as corrected and approved by the NOCCC_Board_2020_01_05.

The meeting was held in room 129 of the Chapman University Science Hall. The meeting was called to order by President Robert Strain at 3:10 PM. Present were: Robert Strain, Ben Lochtenbergh, Don

Armstrong, Bob Dickson, Terry Dickson, Larry Klees, Gerry Resch, Jim Sanders, and Richard Miller. Absent was Dennis Martin.

President's report: Robert met with the University instructors overseeing our chapter. They informed him that rather than use his proposal to pay the students to make a presentation to the club they will have the students make a presentation for 'extra credit'. They felt the student presentation would be about 30-45 minutes. They stated the student presentations would be in the 2020 year time as the students would need to get into the semester and prepare any presentation that would support their school program. There was general support for having the students make the presentations. There was considerable discussion about the details for proper communication between the school and the chapter's need to announce the student presentation in the newsletter. Robert will work with the school to set up the necessary details for the student presentations, particularly the need for information in time to be sent to the printer. Also to be considered are the club's scheduled meeting dates that are not all on the same date in each month.

Gerry moved to have the president work with the school to arrange for student presentations, Richard 2nd, votes were 8 'yes' and 1 'no', the motion was approved.

Secretary's report: Bob distributed copies of the minutes for the 11/03/2019 meeting. Gerry moved to approve the minutes; Richard 2nd, approved.

Treasurer's report: The Bytes printer returned the check for \$142.00. Don called him. The check covered only 2 months. The printer wanted a check for 3 months: September, October, and November. Don sent him a check for \$242.92. The cookies and donuts cost \$23.96, income was \$19.81. Napkins were purchased for \$3.97. The raffle income was \$45.00; no costs provided. One member renewed and provided a check for \$35.00.

Robert inquired about the preparation of payment to the university of the annual \$1,500.00. There was some discussion that confirmed the payments would be two at \$750.00 each, the same as

last year. Gerry moved to approve the payments; Richard 2nd, approved. Robert will meet with the school to confirm the names of the two students who will make presentations and the dates they will make them.

Book Display report: No report on the books.

Club Shirts report: Richard displayed the shirts in the main hall and on the table. None sold. When the meeting ended, they were returned to the cabinet.

E-Waste report: The e-waste truck was not at the December meeting although they said they would be. Jim stated that he will call him to see if he can find out the probable appearance in future months.

Consignment Table report: There was no table set out for the consignments at the December meeting as there are too few items of interest in the cabinet. A notice perhaps should be placed in the Bytes to encourage the members and friends to bring in any items they would like to make available for the Consignment function.

The BYTES report: Ben had very little time to prepare the Bytes for sending to the printer as he'd been in Japan earlier. There was very little material submitted to him so he prepared what he was able to put together in a short time and sent it to the printer. He noted that the day after he'd sent the material to the printer some items came to him that he would have used if they had arrived at an earlier date. It was requested that any material to be printed be sent to him as early in the period as possible so he would have the time to best arrange the material before sending it to the printer.

There was some discussion about the fact that the membership database maintained by Don is separate from the database used by Ben for mailing the newsletters to the members. Robert expressed his opinion that a new database should be created since the database being maintained by Don contains lots of outdated member records. He recommended creating a new database the contains only data that relates to membership over the most recent couple of years rather than the one now that covers data that is years old and out of use.

SIG Site report: The SIG counts: Linux, 5; Photo, 5; Mobile, 10; 3-D Printing, 3; Main meeting, 18.

Main meeting report: Jim provided coverage on two programs that contained vastly interesting capabilities and are available to anyone who might want to sign up to use them. The displayed versions were free but a more enriched version of each was available for a 'fee' if one found them to be truly helpful. He responded to many questions from those watching about features they found especially interesting.

For the January meeting there was some discussion but a specific version was not agreed upon. Robert requested the board members, especially Jim, to send him some suggestions for the January meeting. Robert said he'd select something from the items submitted and send it to Jim to prepare to display it at the January meeting. He would also then notify Ben so the data could be included in the Bytes.

Adjourn: Gerry moved to close the meeting; Richard 2^{ns}; approved. Robert declared the meeting ended at 4:06 PM.

Consignment Table

The NOCCC Consignment Table is available monthly in the lobby of Irvine Hall between 10 a.m. and 1 p.m.

Membership Drawing, Jan 5, 2020

- | | | |
|--------------------------------------|---------------|---------------|
| 1 Electrical Tape | Don Armstrong | |
| 2 RCLE 6 pin 16x to 1x Riser adapter | | Robert Strain |
| 3 Automobile Solar Power Fan | | Gerry Resch |
| 4 Pen | Larry McDavid | |

General Drawing Jan 5, 2020

- | | | |
|--------------------------------------|----------------|------------------|
| 1 Electrical Tape | Bob Dickson | |
| 2 RCLE 6 pin 16x to 1x Riser adapter | | Ben Lochtenbergh |
| 3 Blue Tooth Ear Plug | Martin LaRoque | |
| 4 Club Pen | Larry McDavid | |

Membership Application/Renewal Form

membership application, renewal, or update form

MEMBERSHIP APPLICATION MEMBERSHIP RENEWAL ADDRESS UPDATE
EMAIL UPDATE PHONE UPDATE OTHER _____

Date _____ My Membership Number Is: _____

Please Print!

Name: _____ Address: _____

City: _____

State: _____ ZIP: _____ - _____

Home Phone (_____) _____ - _____

Mobile Phone (_____) _____ - _____

Email: _____

Fee schedule is on the back cover of the Orange Bytes Newsletter. \$35 Individual Membership. Membership fees are 100% tax deductible when paid to North Orange County Computer Club.

Amount enclosed \$ _____ Check # _____ Cash Other

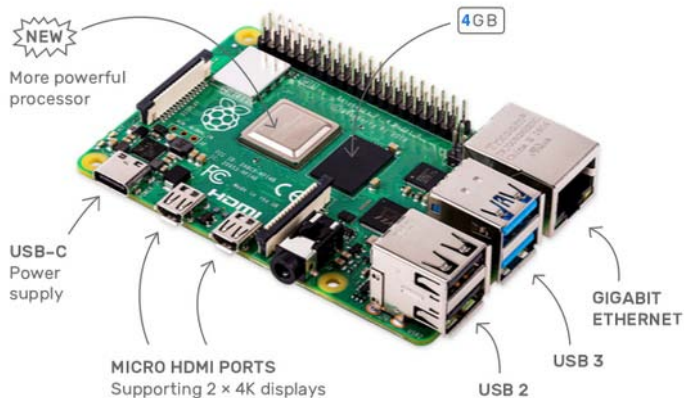
Note: Currently we do not accept credit cards or PayPal. Please make checks payable to NOCCC. **Mail to:** North Orange County Computer Club, Dr. Donald Armstrong, 709 Rosarita Drive, Fullerton, CA 92653 **OR**, on Sunday, hand completed form, with check if needed, to the Treasurer or a Board member.

Directions

We meet on the first* Sunday of most months from 9 a.m. to 4 p.m. at the Hashinger Science Center, Chapman University, Orange, California.

*some months we need to meet on the second or even third Sunday

Check www.noccc.org for our schedule, maps and most up-to-date information.



The Raspberry Pi 4 specs

1. CPU – Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
2. RAM – 1GB, 2GB or 4GB LPDDR4-2400 SDRAM (depending on model)
3. WiFi – 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth 5.0, BLE
4. Ethernet – Gigabit
5. USB – 2 USB 3.0 ports; 2 USB 2.0 ports
6. GPIO header – Raspberry Pi standard 40 pin
7. HDMI – 2 x micro-HDMI ports (up to 4kp60 supported)
8. Display port – 2-lane MIPI DSI
9. Camera port – 2-lane MIPI CSI
10. Audio – 4-pole stereo audio and composite video port
11. Storage – Micro-SD card slot for loading operating system and data storage
12. Misc – H.265 (4kp60 decode), H264 (1080p60 decode, 1080p30 encode), OpenGL ES 3.0 graphics
13. OS – Debian Linux 10 based

This edition of the Orange Bytes
Produced by Jim Sanders

North Orange County Computer Club
709 E Rosarita Drive
Fullerton, CA 92835-1842

To all members

The line above your mailing address now shows your join date. Please use your join **month** to choose when to renew your membership.

Dated Material – Please deliver before Feb 9, 2019

<u>Membership Level (\$)</u>	<u>1 Year</u>	<u>3 Years</u>
Individual Member	35	90
Each Additional Family Member	15	40
Full-Time* Enrolled College Student.....	20	
Enrolled High School Student.....	15	
*Minimum 12 Semester Hours		
Business Member + Ad (Business Card)	180	
Business Member + Ad (¼ Page, ½ Page)	465,	800
Business Member + Ad (Full Page)	1,475	
Contributing Member	75	
Supporting Member.....	100	
Advocate Member	250	
Patron Member	500	



Directions to the NOCCC meeting location



Directions to NOCCC from John Wayne-Orange County Airport (SNA) 12 miles:

Enter CA-55 N (Costa Mesa Freeway) crossing Interstate 5 toward Anaheim/Riverside for 9 miles. *Notice freeway and street signs stating "Chapman University."* Exit toward E Chapman Ave. Turn right onto N Tustin St. Turn left onto E Walnut Ave.

1) Turn left past N. Center St. for the **best place to park** in the underground parking structure (Lastinger under the sports field). Pay the small fee (\$2) to park Ask members or help@noccc.org about parking details, restrictions, and our price break!

2) Turn left onto N Center St. On the right is the Hashinger Science Center, 346 N Center St. Orange California. Parking on the University side is free. Parking on the residential side is a city violation that may cost you a tow away and a ticket!