

# COMPUTER USERS OF ERIE

CELEBRATING 36 YEARS

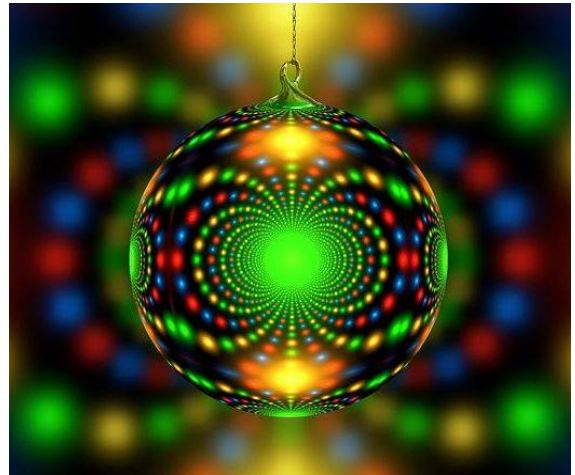
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## CUE Newsletter - December 2018 (Volume 35 Number 05)

### Christmas Party

On December 6<sup>th</sup> at 6:00 PM, the CUE Christmas Party / Holiday was held at Hoss' Restaurant. Food, gathering, and small gifts were celebrated in honor of the merry season!



### January CUE Meeting

The next CUE members' meeting is on Thursday January 17<sup>th</sup> at 10:00 AM, with a presentation after the meeting. There will be more details later. Notice that the Winter meeting times are now at 10 AM instead of 2 PM.



Visit the CUE Website at [www.cuerie.com](http://www.cuerie.com)



CUE is part of APCUG



An International  
Association of Technology  
& Computer User Groups

# CUE Calendar



Calendar events are subject to change. SIG stands for Special Interest Group.

**CUE Membership Meetings** (typically 3<sup>rd</sup> Thursday of each month)

**NO** CUE Membership Meeting for December (other than 12/6 Christmas Party)  
Thursday January 17<sup>th</sup> at 10 AM

**Beginner's User Group (BUG) SIG Meetings**

To Be Scheduled Upon Request

**Digital Photo SIG Meetings** (typically 1<sup>st</sup> Wednesday of each month)

Wednesday December 5<sup>th</sup> at 7 PM

Wednesday January 2<sup>nd</sup> at 7 PM

**Genealogy SIG Meetings** (typically 1<sup>st</sup> Tuesday of each month)

Tuesday December 4<sup>th</sup> at 7 PM

**NO** Genealogy SIG Meeting for January

**MAC SIG Meetings** (typically 2<sup>nd</sup> Saturday of each month)

**NO** MAC SIG Meeting for December

Saturday January 12<sup>th</sup>

**Smartphone & Tablet SIG Meetings** (typically 4<sup>th</sup> Monday of each month) (RSVP John Fair)

**NO** Smartphone & Tablet SIG Meeting for December

Monday January 28<sup>th</sup> at 7 PM

## From the President's Desk ...

Members, I continue to Thank you for your numerous technical questions and ideas to improve the Computer Users of Erie organization. This year, we already have several new members and a few more expressing interests to join our membership roster.

We are currently planning several presentations in the upcoming months from the leaders of the various Special Interest Groups and by others. Collectively, we initially joined the club to share our ideas and ask more and more Questions. Our status, our ideas, and our goals are shared with the long-standing practice of maintaining progress via our online Newsletter. I express my delight to John Fair on the gathering of the excellent articles he finds and publishes in order to document our pathway to using technical resources.

In December, our membership gathered at Hoss' Restaurant to celebrate another year of progress in our Collective Interests ranging from Photography, Making

Presentations, Technology, Writing and scripting Documents, Family History Genealogy, Android Cellular Phones, iPhones, iPads, and of course keeping your laptop computers absolutely virus-free. Please attend our next meeting and feel free to share your success stories as we continue to explore the latest and best Software and Technology in order to further our mutual goals.

I am again reminded of the simple beginnings of this long-term organization and look forward to our planned speakers and events next year. I look forward to your inputs as to the purposes for which your membership provides. YOUR questions and ideas inspire myself to continue this planned direction long past the calendar date for our next presentation. Hopefully, See you at our annual Holiday Party.

Regards, and Thank You,

Paul D. Francis

## CUE Christmas/Holiday Pictures from Tanya Mattson:





## CUE Christmas/Holiday Pictures from Tanya Mattson:

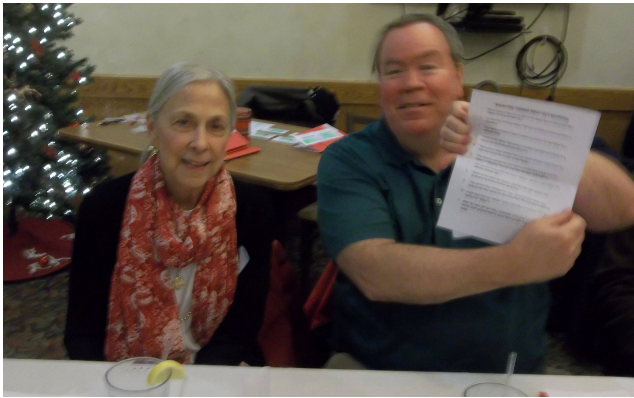


## CUE Christmas/Holiday Pictures from Carole Blakeslee:





CUE Christmas/Holiday Pictures from Carole Blakeslee:



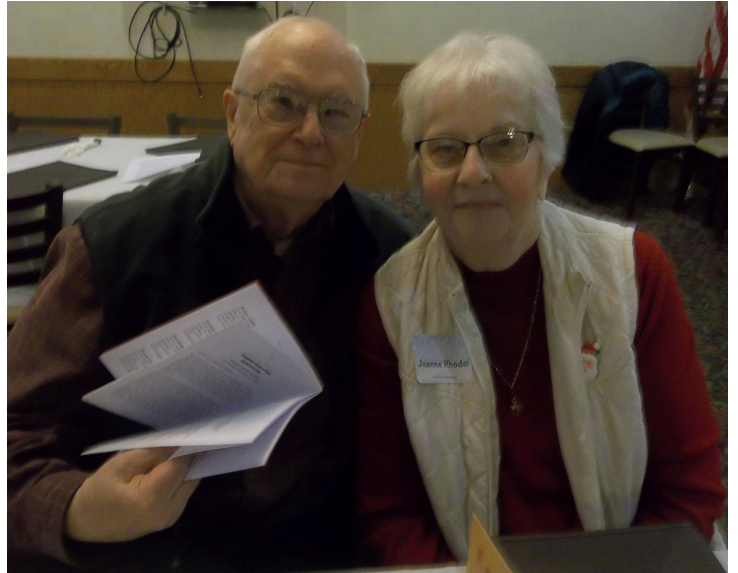


CUE Christmas/Holiday Pictures from Carole Blakeslee:





## CUE Christmas/Holiday Pictures from Carole Blakeslee:



More Pictures Next Month!



# Computer Festival Song

by Dongle Grimsby

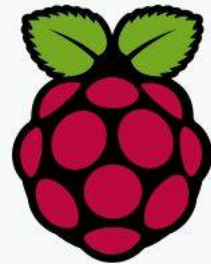
On the twelfth day at Comp Fest, my True Love bought for me:

Dongle All The Way!

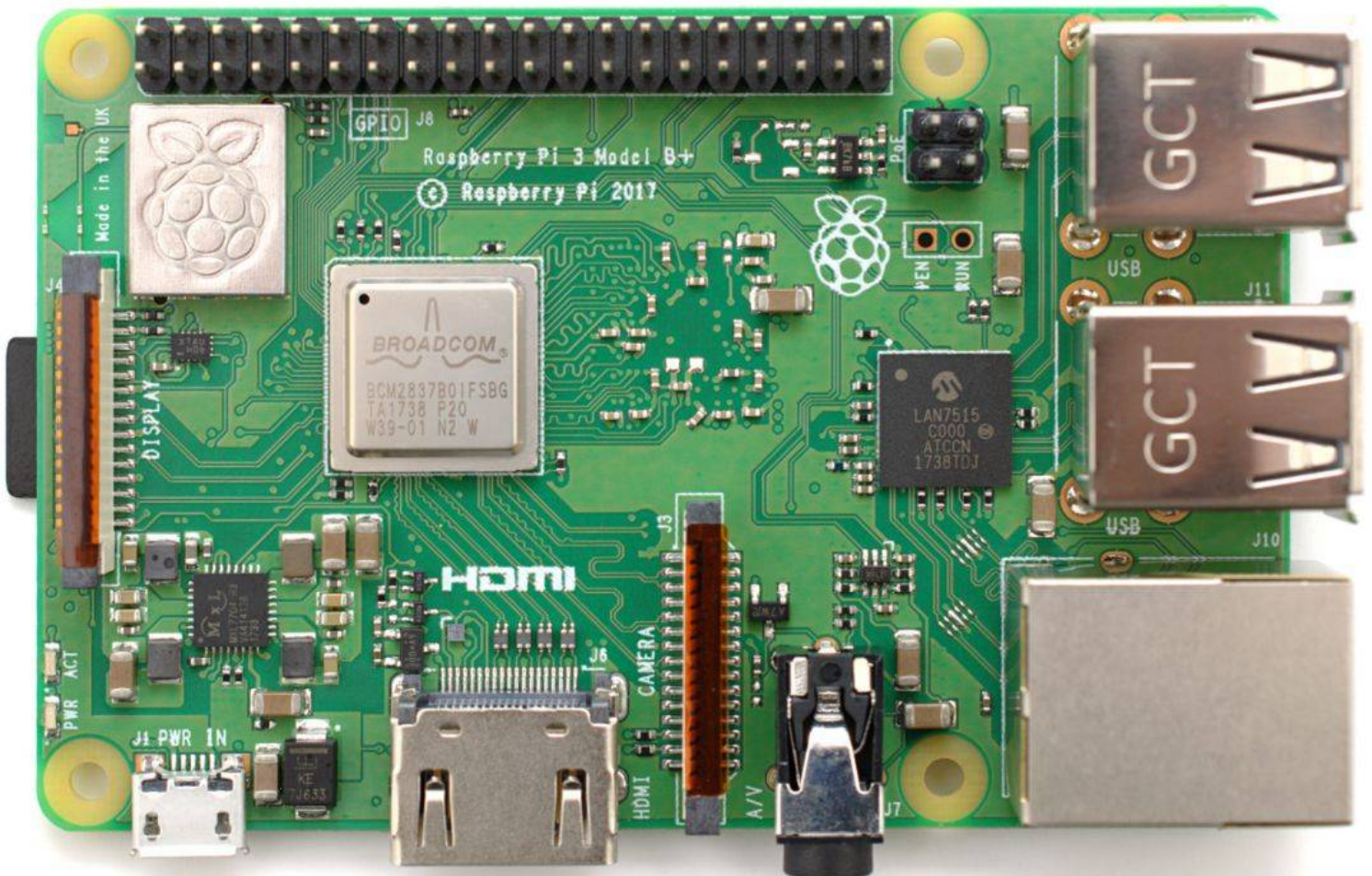


Twelve Chromebooks shining  
Eleven Mac Airs floating  
Ten ThinkPads thinking  
Nine fine Ti 99's  
Eight more Commodore 64's  
Seven dongles dangling  
Six flash drives flashing  
Five golden apps  
Four Tandy Coco's  
Three DOS disks  
Two 3D printers  
And a Raspberry Pi computer!

Merry Berry  
Comp Fest!



**MERRY COMP FEST TO ALL!**





# The Mac Head

by Lou Cioccio at Computer Users of Erie

Is it the right time for Mojave aka Mac OS X 10.14.x

I have been testing various beta's both Window 10, Mac OS X , and iOS in various hardware platforms:

An HP i7 Laptop, various virtual machines running on either an iMac or MacBook Pro.

For the past couple of month's I have had Mojave Beta running on my wife's Mac Mini 2014 i5 that has a Brother Printer HL-2270DW and a Canon MX920 All in One. Some of the software she runs is Photoshop Elements 15, Adobe Bridge CC, LibreOffice 6.x pus various web browsers nothing really exotic; so the software she uses works.

On the other hand I have been updating my software so that its Mojave compatible and the only problem I have encountered is with my Epson Perfection V500 Photo. I did note that Epson had some newer updates on my scanner with 2018 dates; not all the apps but a couple.

I was hesitant to do this because the past couple of months I have been using my photography skills which includes backgrounds, studio strobes with light modifiers. And yes my camera to record images of the members of both churches.

Having to set up the studio in a church was novel for me as a wedding photographer; as I made it that I would not spend more than 15 to 20 minutes after the wedding service for portraits. Here I am setting up a full blown studio for several weeks.

Anyway I wanted to do the update after I was finished processing aka developing the images plus any retouching. I had software that had to work and fear that it may not work if I updated to Mojave.

When my hard drive had a SMART (Self-Monitoring, Analysis and Reporting Technology) warning in my iMac a few years ago I did use migration.app from the MacOS X to reinstall the clone of my original hard drive. Most of my full updates of the OS have been over an existing OS and I have been lucky. This time I was not!

Even though I had my "ducks lined up" I was doomed to failure even though I waited for MacOS X to allow fusion drives (think of raid if your a heavy duty Windows user) if not the fusion drive is a marriage of SSD to a Mechanical hard so that OS thinks its one continuous drive.

When Mojave came out they (Apple) had a new hard drive format called Apple File System (APFS) is a proprietary file system for macOS High Sierra (10.13) and later, iOS 10.3 and later, tvOS 10.2 and later, and watchOS 3.2 and later, developed and deployed by Apple Inc. It aims to fix core problems of HFS+ (also called Mac OS Extended), APFS's predecessor on these operating systems. Apple File System is optimized for flash and solid-state drive storage, with a primary focus on encryption.

So I knew that Mojave on the install would reformat my hard drive to APFS from the HFS+ that it was originally. In fact when I

## Mac Head Continued

did this I did not know what I was going to encounter. My hard drive got BORKED!!!

It would only boot so far and then stall! I mean stall for an hour or so! I restarted the iMac while pressing Command plus R keys this will boot the computer into restore mode so I could run Disk Utility First Aid to repair the disk and hopefully fix whatever problems that was causing this malfunction.

It saw no problems so I rebooted but this time in SAFE mode while holding the shift keys. Again a long boot time but an odd looking logon in fact I could not log on. It was not standard but showed my desktop and beach ball of indecision similar to hour glass icon that Windows used to have.

So now to the last resort of Single User Mode!!!

I turned the iMac off and turned it back on while holding the Command and S keys this will get you into terminal or for Windows uses the Command Prompt. You are now in UNIX land : a multi-user operating system designed for flexibility and adaptability. Originally developed in the 1970s, Unix was one of the first operating systems to be written in C language.

You should only use fsck as a last resort to gain access to a drive having problems. You're better off using Disk Utility First Aid, or Safe Mode, before resorting to fsck.

Enter the following at the console prompt (usually localhost:/ root#):

```
/sbin/fsck -fy
```

A screenshot of a Mac terminal window. The text shows the process of booting into Single User Mode. It starts with 'boot-args -s' and 'Sat Aug 26 16:56:20 2017 (localhost con.apple.xpc.launchd[1] (Notice): Entering single-user mode. \*\*\* Single-user boot \*\*\*'. It then shows 'Root device is mounted read-only' and a warning about enabling/disabling services. The user enters '/sbin/fsck -fy' and the terminal shows the output of the fsck command, including 'Checking catalog file.', 'Checking multi-linked files.', 'Checking catalog hierarchy.', 'Checking extended attributes file.', 'Checking volume bitmap.', 'Checking volume information.', and 'The volume Macintosh HD appears to be OK.' The prompt is 'localhost:/ root# exit'.

It does boot so that means there may be a conflict but I am not sure what it is. I try again on a reboot and again it will not fully boot the line is only an inch away although my computer boots in verbose mode similar to the image above. Usually if it stalls during that time you generally can figure what is causing it but it does go to the Apple Logo screen and I cannot see what the hold up is.

Now I have to decide what to do? I decide to erase and re-install the OS a fresh copy Mojave on the hard drive. Thankfully I kept both a digital record and paper record of my software serial numbers and kept them up to date!

A deep breath and press on regardless! It works and is smooth but I am not out of the woods I set my adminster account but not my user account (ME). I decide to use the Migration.app to copy my backup drive and this will cause other problems.

It's late so I set up the computer not to sleep so it can run Migration to copy all the files and apps to the newly formatted drive that has Mohave. Migration sees the backup drive to recognize ME but wants a password so I use the same password that I used before. I see that its running so I go to bed. When I wake up its done and I see the logon screen but its not very



## Mac Head Continued

Responsive. It's kludgy and klunky. In fact it says I have no wireless or even ethernet does not show up!

What's going on!!! I do the drill reboot with Command plus R and run Disk utility First AID, it says its okay but boots like its dying! I repeat to see the health of the hard drive in Disk Utility at the info button and its okay.

I reboot and its still has something wrong so now I will do the Nuclear Option erase and reinstall Mojave but no Migration. I will reinstall the Apps either from the disc (CD), downloads and from the App store.

Slowly I get all the apps installed and eliminate ones that I have not used or did not really need. Now I will manually copy the files and folders from the backup drive. At least I will be better organized.

Okay what works and what does not.

What does not work is Lasersoft Scan as its 32 bit imaging but they are working on 64 bit software. Basic Epson Scan works but not the Full one (go figure).

Work around for my scanner is that I was wise enough to buy a pro license to VueScan at 40\$ us back in 2002 (its now 90\$) for lifetime updates so my scanner Epson V500 works.

Photoshop CS5 works but when quitting which it looks like it does a dialog box pops up that it quit unexpectedly so I am sure the next version of Mac OS X it will be borked.

All other software works albeit I had to either get updates or pay for an update. Such as Affinity Photo and Design and the Mac Photo apps like Acorn, Pixelmator and so on.

Pleased with it ...YES!

```
boot-args = -s
Sat Aug 26 16:56:20 2017 localhost com.apple.xpc.launchd(1) <Notice>: Entering single-user mode.
*** Single-user boot ***
Root device is mounted read-only
Enabling and disabling services is not supported in single-user mode,
and disabled services will not be respected when loading services
while in single-user mode.
To mount the root device as read-write:
    $ /sbin/fsck -fy
    $ /sbin/mount -uw /
To boot the system:
    $ exit
localhost:/ root# H10: Legacy sb1a 2
fsck -fy
** /dev/rdisk8s2
** Root file system
    Executing fsck_hfs (version hfs-366.50.19).
** Checking Journaled HFS Plus volume.
    The volume name is Macintosh HD
** Checking extents overflow file.
** Checking catalog file.
** Checking multi-linked files.
** Checking catalog hierarchy.
** Checking extended attributes file.
** Checking volume bitnap.
** Checking volume information.
** The volume Macintosh HD appears to be OK.
localhost:/ root# exit
```

# Have You Taken Control of Your Passwords Yet?

by John Fair at Computer Users of Erie

CUE's April and May 2018 General Meeting Programs addressed passwords, two factor authentication and password managers. More than half of CUE's members missed one or both of these meetings and some who attended may not yet have taken seriously the suggestions made in these presentations. I am so passionate about this subject I wrote this article to give you a second chance.

No one can guarantee you will never be hacked, however there are published guidelines that I'll summarize that can minimize the risk. Only you can decide what to do with these recommendations. First, create strong passwords. This is not easy. We have repeatedly been told to create unique passwords combining numbers, special characters, upper and lower case letters. Complexity or randomness is good but you can add strength by making your passwords longer - as long as the site allows. Consider pass phrases or a collection of random words but remember that hackers have access to databases of song and book titles, lyrics, poems, etc. so randomize what you use. Second, treat your email password with special care. Make it as strong as you can and never use that password or a variation of it for anything else. If hackers gain access to your email they can use it as a key to resetting passwords of your other accounts thus locking you out.

Stop thinking of hackers only as the lonely figure in a hoodie crouched over a laptop in a dimly lit room. Hacking is also done by businesses employing many folks using lots of computing power and large databases to try to separate you from your

personal information and hard earned cash. They buy and sell information from data breaches and scour social media and public databases to use in their pursuits. This realization might spur you to take more seriously protecting yourself online.

Never reuse a password! If you do, your security is only as good as the weakest site on which that password is used. It's easy for a hacking program to test one stolen password on all of your sites. And slight variations of that password (add a number) or simple substitutions (\$ for s) still make it easy to guess. Don't use as passwords what has become public information because of social media (pet names, birthdays, family names, addresses, phone numbers, etc.) or what can be found in public databases. They are easy guesses for hackers. And, of course, passwords that are user names, simple dictionary words, adjacent keyboard combinations, etc. make it too easy for hacking schemes. Perhaps it should go without saying, don't keep a file containing your passwords on your computer. That list of passwords you keep in writing is a bit safer if inconvenient to update.

Why do we violate good password guidelines? The National Institute for Standards and Technology (NIST) had issued password guidelines we have all been following for the last 15 years. Use at least 8 alphanumeric characters sprinkled with capitals and special characters and change passwords every three months. The unintended result of this complexity was that most people gravitated toward common patterns and



## Control of Your Passwords Continued

hackers exploited these predictable patterns. One author of the original guidelines described the results of imposing these arbitrary rules: "It drives people bananas and they don't pick good passwords no matter what you do."

NIST's newly released password guidelines are more user friendly, requiring only what significantly improves security, putting more burden on the verifier and using 2 factor authentication where possible. Longer passwords are better. Further, they recommend you change passwords only in the event of a data breach. Arbitrary complexity that drives poor practices shouldn't be required. The verifier should screen for and not allow commonly used passwords, eliminate the need for hints and security questions and limit the number of incorrect guesses allowed. You might find that verifiers are a bit slow to adopt their end of these guidelines because of the cost involved. Because of the number of passwords people (should) use and the complexity of each one, security experts now suggest considering the use of a password manager.

Password managers store your passwords and other information in an encrypted vault, either on your computer or in the cloud, that is accessed by a single VERY STRONG master password that is encrypted and never stored in plain text. They can generate complex, random passwords of any length for you to use on

any site. They work in conjunction with your browser and can autofill username and password for sites you have chosen. Most have a subscription fee of from \$12 to \$40 a year, but a few have a limited function version for free. While Wikipedia lists over 30 password managers on the market, most experts suggest staying with one of the top four: LastPass, Dashlane, 1Password or KeePass.

I purchased 1Password before they moved to a subscription based service and am grandfathered in using it. I found it relatively easy to use, love the excellent security ratings and have it on my Mac, iPad and iPhone. However, if you choose to follow security experts recommendations and give a password manager a try, you might want to avoid paying even a nominal subscription fee in the beginning until you understand what additional features you might need that you must pay for. I suggested giving LastPass a try since the free version does what most folks want from a password manager and, since it is cloud based, can synchronize across computer, smartphone and tablet. It is also very highly rated for security.

If you think LastPass might be of interest, first review their website for information and user forums. That will help you to understand how LastPass might be of value to you. If you want to try out Last Pass, STOP!! Don't take any action until you have devised a very strong master

## Control of Your Passwords Continued

password. The LastPass website will offer guidance in how to do that but note that you can use a very long master password and you could take advantage of the security that will offer. One way to generate a long but memorable master password is to use four or more random, unrelated words separated by spaces. To understand the logic behind this just Google "correct horse battery staple". Really. You want a master password that is easy to remember so that you can access your password manager vault without consulting a written password. Think this through before you download and try any password manager. You want a master password you will never forget since the password manager company does not store an unencrypted version of your password and thus will not be able to help you recover your vault contents if you should forget your master password.

If you are at all nervous about using a password manager, do not put your banking information or email password in it. I have not. You will see a real benefit from using it for all the rest of your passwords. I have also used 2 factor authentication in LastPass. That gives me the additional convenience of using my fingerprint on my iPhone and iPad to open LastPass since they are identified as trusted devices (the second factor).

Currently there are three authentication factors used to prove your identity in the digital world. One factor is username, password, PIN - something you know. The second factor is something you have - ID badge, smart card, device (phone, tablet, computer). And the third factor is

something you are - biometric factor such as fingerprint, facial recognition, iris scan. Using at least two of these factors provides more proof of your identity and is one of the new NIST recommendations for digital security.

Using a password manager requires some setup time. When you log in to a new site LastPass will ask if you want to save the login information (username and password) and that is very convenient. What is not convenient is changing the passwords you currently have to much more secure ones. You will have to go to each site or app and change it's password. LastPass will suggest complex, random passwords you would never remember, but the password manager will. Think about all the passwords you have and the time it will take to log in to each site or app and go through the process to change the password. This effort is what limits most people in the use of a password manager. But if all you do is institutionalize your poor password practices by saving your existing poor or repeated passwords, the password manager will do you no good. You need to make all those passwords stronger - that is the point of having that password manager: to allow you to use individual passwords that are so complex you could never remember them. You don't have to change all your passwords at one time, just start with the most important ones and work on them gradually.

Password managers can also encrypt and store other information that is convenient to have such as passport, drivers license and credit cards. I have entered all this information including the phone numbers

## Control of Your Passwords Continued

of the credit card companies if my cards are lost or stolen. This has replaced the (insecure) scanned paper copies that I used to carry with me when I traveled.

I can't end this article without mentioning that Apple has made using password managers easier on smartphones and tablets using iOS 12. That mobile device operating system now supports autofill in Safari and third party apps if you are using LastPass, Dashlane or 1Password. And it makes using password managers very convenient when you are out and about. No more list of passwords tucked into my iPad case. How insecure was that! Android Oreo and Pie operating systems support autofill with LastPass but older versions do not. Adoption of new Android operating systems is far slower than new versions of Apple iOS so Android users will be limited in their convenient use of

autofill. Browser extensions of LastPass on your computer provide autofill as well as the option to fill in forms online including your credit card number. I like and trust password managers but not enough to automatically fill in my credit card number on a form whose origin may not be as trustworthy. 1Password at least requires you to acknowledge you want to fill in a credit card number, an extra step to verify that you are comfortable doing so.

I can not guarantee your online safety nor can I guarantee your password manager can never be hacked. I don't think you would use "Password123" as your master password but in the event you do, all bets are off. You can, however, reduce the risk of bad things happening by carefully using a password manager with a strong master password.





# Genealogy SIG Report for 11/6/18 SIG Meeting

The Genealogy SIG met at 7:00 p.m. at the home of Hal and Gretchen Kelley.

Those attending were: Susan Mueller, Hal Kelley, Carol Blakeslee, Hadley Jones, Bill Klauk, Don Rhodes, Robin Boyd, Conrad Sobczak, Pat Mickel, Shannon Zuck, Connie Edwards, Suzanne Matthews, Lucia Doyle, Barbara Protzman, and Doretha Christoph.

Hal Kelley shared a recording of a segment of the Oct. 21, 2018 CBS "60 Minutes" program entitled "Genetic Genealogy" that is interesting. It deals with the use of DNA analysis and GEDmatch to assist in solving criminal cases, in this segment, unsolved murder cases. The successful use of DNA and GEDmatch has led to the arrest of suspects in two murder cases. A professional genealogist and one of the founders of GEDmatch are featured in "Genetic Genealogy." This was a little different kind of topic than we normally discuss at our SIG meetings, but a fascinating one for sure. One of the founders of GEDmatch reminds us in the piece that "Genealogy is a contact sport." That's an interesting way to describe our family history work.

Barbara Protzman, one of our resident experts on DNA and GEDmatch, offered to assist SIG members who want to go deeper in the use of GEDmatch with their DNA tests.

Hal told the SIG members in attendance of a company that he has had success with in shredding a large number of personal/confidential documents while he watched them being shredded. The cost is very reasonable. Those who may have an

interest may contact

[Grut@PirrelloEnterprises.com](mailto:Grut@PirrelloEnterprises.com). The website is [www.pirrelloenterprises.com](http://www.pirrelloenterprises.com).

Conrad Sobczak told the SIG members of the enjoyment he and his family are having viewing 100 or more Kodachrome 25 slides of his family that he has, going back to abt. 1948. He has recently acquired a Kodak Ektagraphic Slide Projector and a screen that allow him to project the slides quite easily.

Sue Mueller called our attention to a Legacy Family Tree Webinar (dated October 31, 2018) that she viewed entitled "Privacy Issues with Online Family Trees" by E. Randol Schoenberg. We spent a little time viewing the "Summary" of the webinar which is very helpful.

We also reviewed how to access the Legacy Family Tree Webinars and reminded ourselves that Legacy Webinars can be viewed free, without having a membership, for seven days after the live online presentations. Any webinar can be previewed. The length of the previews varies with each webinar. Some are 3-5 minutes; others might be 10 minutes or longer. There are also a number of Legacy webinars that are free all the time. All one needs to do is type in "Legacy Family Tree Webinars" in one's browser, click on "Webinar Library," drop down to "View All – Free" and click on that. There you will see all the free webinars listed. Digital downloads of the webinars are available for \$9.95. Monthly memberships are available for \$9.95 and annual memberships are available for \$49.95. Legacy Family Tree Webinars reach a lot of people. For example, the webinar

## Genealogy SIG Report Continued

presented by Schoenberg referenced above was watched by 2100 people in 32 countries.

Robin Boyd had an interesting “show and tell” item which she passed around for everyone to see. - a World War II Ration Stamp Book with a lot of stamps still intact. During the war effort in the 1940's, citizens were required to use ration stamps to buy a number of things, such as sugar, meat, cooking oil and canned goods, gasoline and other items. A person could not buy a rationed item without giving the grocer or station attendant the correct stamp. Rationing was required so that needed items could be shipped oversea to the military and our Allies. History buffs can

find a number of interesting articles on World War II rationing on the internet.

Carole Blakeslee told us about a program called WeGene. If you're of Southeast Asian descent, and you've taken a 23andME or Ancestry DNA test, WeGene's free ancestry service could be a way to go deeper into your data. If you are of European descent, this program may have limited value for you, because their reference groups are mainly Chinese and Japanese.

The next meeting will be held on Tuesday, December 4, 2018 at the Kelleys' home. The SIG meeting adjourned at 9:00 p.m.

Respectfully submitted, Harold D. Kelley

## Smartphone & Tablet SIG Report for 11/26/18 SIG Meeting

The HHD SIG met at 7:00 PM on the fourth Monday of the month at my home.

This meeting was devoted to questions and answers from the group members. One member will receive a smartphone from her children as a Christmas gift. She had visited the Verizon store and discussed phones with a relatively new employee. He provided her with information on Android phones but not iPhones. We spent some time going over the confusing array of iPhones now available from the older models such as the iPhone 7 up through the XR. All of us provided opinions on preferred screen size, camera capability, construction material, cost, etc. Most preferred the larger screen size and all agreed a protective case was recommended

particularly for the newer phones that have glass backs. Choice of model depends largely on the funds available.

A quick recap of available iPhones found after the meeting:

iPhone 7: \$449/32GB, \$549/128GB  
iPhone 7 Plus: \$569/32GB, \$669/128GB  
iPhone 8: \$599/64GB, \$749/256GB  
iPhone 8 Plus: \$699/64GB, \$849/256GB  
iPhone XR: \$749/64GB, \$799/128GB, \$899/256GB  
iPhone XS: \$999/64GB, \$1,149/256GB, \$1,349/512GB  
iPhone XS Max: \$1,099/64GB, \$1,249/256GB, \$1,449/512GB

The newest three phones all have larger screens than the 7 Plus and 8 Plus.

## Smartphone SIG Report Continued

Another thing the Verizon employee told her was that she could keep her current phone number on the new smartphone. Correct, but she really wanted to keep her current number on her landline and on the smartphone. Not so, as the number can be transferred but not used for both. She could keep her current mobile phone number if she had one and keep her home phone number and link the two. She can forward her home phone to her cell phone using \*72 on the home phone and then entering the ten digit cell phone number. To cancel the call forwarding and return to using the home phone, dial \*73 on the home phone.

Another member inherited an older iPad from her daughter. We looked up the model number and found it was a first generation device and Apple support for that model ended in 2012 with the newest operating system iOS 5.1.1. This model does not have a camera. The device still worked well and suggestions were provided on how it could best be used given the limits of the OS and processor speed. For example it is a good way to

display pictures, play some simple games or for browsing the web (slowly) but is probably not the best for email or messages. Downloading apps that work on this older OS may be a bit of a challenge. Subsequently I did find articles on how to do this by checking "downloading apps to the original iPad" on Google. We looked through Settings but were no longer familiar with the old OS so weren't able to verify information such as the Apple ID being used - probably her daughter's.

At the opposite end of the spectrum a member showed his new 12.9 inch iPad Pro with very fast processor and very small bezel. A very nice state of the art device with face ID instead of finger print reader. We talked about the pros and cons of each approach to biometric authentication to unlock a device.

There will be no meeting of this Special Interest Group in December.

John Fair

## Secretary's Report for 11/15/18 CUE Meeting

Members Present: Paul Francis, Janice Castro, Harold (Hal) Kelley, Larry Johnson, Don Grim, Nancy Group, Ed Group, George Younkin, Don Rhodes, Hadley Jones, Joanne Kleinhantz, J. Robert Jaworski, Tim Donlin, Sue Mueller, Lee Williams, Suzanne Matthews, Barb Guelcher, John Fair, and Bill Klauk

Guests Present: "none"

The number of members present (19) exceeded 16, the number needed for a quorum (20% of 77 total members).

The meeting was started by president Paul Francis at about 7 PM.

The minutes for the October meeting were mentioned to be in the newsletter. The minutes were accepted by the members for approval.



## Secretary's Report Continued

Don Grim mentioned that information for the newsletter are due to him by the 5th of each month.

Treasurer Suzanne Matthews reported information on the treasury including \$40 of expense for the meeting room and \$48 of income for membership renewals. The current treasury balance was stated as \$4,551.19. The report was accepted by the group for approval.

Hal Kelley reported on the Genealogy Special Interest Group. The highlight of the last meeting was a viewing of a CBS "60 Minutes" 10/21/18 broadcast on genetic genealogy. Hal mentioned that the group has people at all skill levels and they welcome new guests. The next meeting will be the first Tuesday in December.

Lou Cioccio reported on the Digital Photo Special Interest Group. The last meeting had a photo organizing session along with editing software and photo retouching. The next meeting will be the first Wednesday in December. Lou mentioned that the last Macintosh Special Interest Group meeting involved updating a MAC with a solid-state hard drive. There will be no MAC meeting in December and then there will be a MAC meeting the second Saturday in January. Lou can schedule another Beginner's User Group (BUG) Special Interest Group meeting, upon request by CUE members.

John Fair talked about the last Hand Held Devices Special Interest Group meeting. There was discussion on family sharing on accounts and that an Apple ID can't be moved across iPads. They also discussed more about the new IOS 12 operating system and many more people were

updated to it. There is a quick search on photos if the photos are on the icloud. A thesaurus was added to the dictionary though it has some limitations. They will continue to look at more features of IOS 12. There will be no Hand Held meeting in December and then there will be a meeting the fourth Monday of January. However, Hand Held meetings in slippery Winter weather could be canceled.

Paul reminded everyone that the CUE Christmas/Holiday Party will be December 6th at 6 PM at Hoss' Restaurant. Lee brought up using the word "Holiday" since there are other faiths beside Christians. So, if someone mentions it as a Christmas Party, that is short for meaning it is a Christmas/Holiday Party.

The floor was opened up for any unfinished business with no responses. The floor was opened up for new business. It was mentioned that a demo on photo comparisons and enhancements at a future meeting would be useful.

There was a request to adjourn the meeting. The members approved the adjournment of the meeting. Larry Johnson won a 50/50 raffle for \$11 to him and \$11 to CUE.

A demo followed the meeting from Lou Cioccio and Paul Francis on wifi networking and security cameras. Lou talked about setting up a wifi security camera. Paul showed a security camera. Both Paul Francis and Lee Williams showed results from a security camera on their phones.

From Don Grim, Secretary

## A Note from the Interim Editor

I welcome articles, pictures, reports, information, etc. that the CUE members can send to me. It helps fill the CUE newsletter but also allows us to reveal multiple perspectives and contributors.

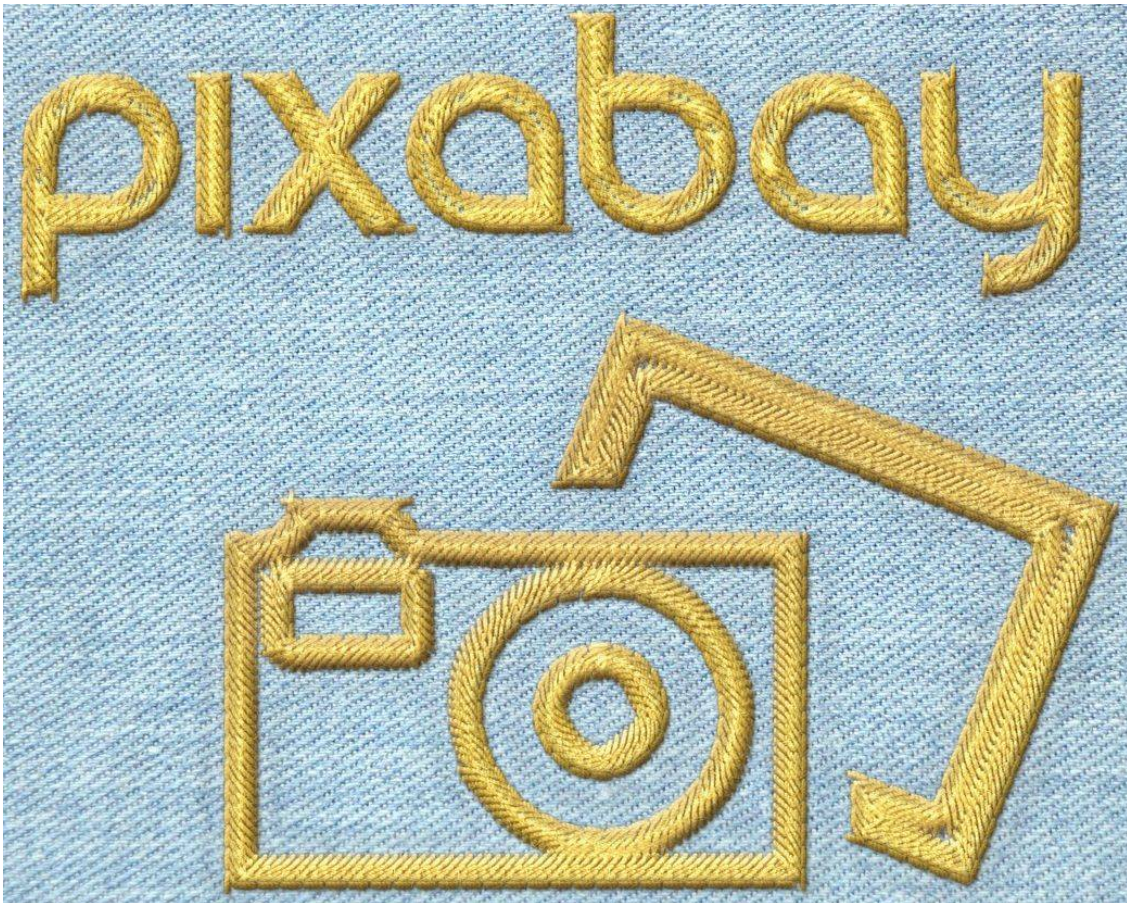
Before working with this newsletter, I would find pictures at the Images section at [google.com](https://www.google.com). I saw a Christmas picture that I liked there but, after searching the source website for the picture, I found out it was a picture from a Christmas card being sold on the web. So, I knew I didn't want to put that picture in our newsletter since its purpose was for retail. Instead of going to [google.com](https://www.google.com), and then spending time investigating if I can use a picture there, I am using a nice website called [pixabay.com](https://pixabay.com)! It has 1.6 million royalty free photos and videos shared by the

community. The two Christmas pictures on page 1 of this newsletter are from [pixabay.com](https://pixabay.com)!

Let me know if you have ideas for pictures, or anything else, for the CUE newsletter.

Finally, it's time for a math question! How many total items are there for the 12 days in the Computer Festival Song in this newsletter? There are 12 Chromebooks, 22 Mac Airs, 30 Think Pads, 36 Ti 99's, 40 Commodore 64's, 42 Dongles, 42 Flash Drives, 40 Apps, 36 Coco's, 30 DOS disks, 22 3D printers, and 12 Raspberry Pi computers for a grand total of 364 items! That's just about enough for an item each day of the year!

Editorially, Don Grim



PLEASE PRINT

**COMPUTER USERS OF ERIE  
MEMBERSHIP APPLICATION**

Today's Date \_\_\_\_\_

<b>Last Name</b>	<b>First Name</b>
<b>Address</b>	
<b>City, State</b>	<b>Zip</b>
<b>Home Phone</b>	<b>Cell Phone</b>
<b>Your Email</b>	

The yearly dues are payable in August of each year. The dues are \$24 annual.

For NEW members only, when you join outside the annual cycle your initial dues are based upon the month you join. Follow the schedule below.

August \$24	September \$22	October \$20	November \$18
December \$16	January \$14	February \$12	March \$10
April \$8	May \$6	June \$4	July \$2

Information provided on this form will be placed into a CUE Membership Directory

What is your Computer or Device: (Circle)

Windows Mac Android iPhone iPad  
Tablet Linux Other

What is your level of expertise? (Circle)

Novice I know some I want to learn more  
Expert Geek

Send your completed application  
to:

Computer Users of Erie

PO BOX 8941

Erie, Pa 16505-0941

What do you wish to gain by joining Computer Users of Erie?

Student membership is just \$15 per year (provide proof of student status)



# CUE Officer Information

## Officers

President	Paul Francis	<a href="mailto:pdfflyer@roadrunner.com">pdfflyer@roadrunner.com</a>	814-882-1175
Vice President	John Fair	<a href="mailto:johncfair@gmail.com">johncfair@gmail.com</a>	814-474-3055
Secretary	Don Grim	<a href="mailto:grimcyber@yahoo.com">grimcyber@yahoo.com</a>	814-461-8289
Treasurer	Suzanne Matthews	<a href="mailto:pdxmatthews@aol.com">pdxmatthews@aol.com</a>	814-790-4185

## At-Large Board

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Lou Cioccio	<a href="mailto:lcioccio@mac.com">lcioccio@mac.com</a>	814-868-1320
Hal Kelley	<a href="mailto:ghkelley@verizon.net">ghkelley@verizon.net</a>	814-836-1803
Susan Mueller	<a href="mailto:suepasta@roadrunner.com">suepasta@roadrunner.com</a>	814-688-1262
Conrad Sobczak	<a href="mailto:hatsob@verizon.net">hatsob@verizon.net</a>	814-899-9699

## Alternate At-Large Board

Marsha Keller	<a href="mailto:dekma43@gmail.com">dekma43@gmail.com</a>	814-449-4682
Allison McKinstry	<a href="mailto:alli25@yahoo.com">alli25@yahoo.com</a>	814-602-4863
George Younkin	<a href="mailto:gry10750@gmail.com">gry10750@gmail.com</a>	814-833-3144

## Special Interest Groups

Beginner's (BUG)	Lou Cioccio	<a href="mailto:lcioccio@mac.com">lcioccio@mac.com</a>	814-868-1320
Digital Photo	Lou Cioccio	<a href="mailto:lcioccio@mac.com">lcioccio@mac.com</a>	814-868-1320
Genealogy	Hal Kelley	<a href="mailto:ghkelley@verizon.net">ghkelley@verizon.net</a>	814-836-1803
MAC	Lou Cioccio	<a href="mailto:lcioccio@mac.com">lcioccio@mac.com</a>	814-868-1320
Smartphone & Tablet	John Fair	<a href="mailto:johnfair@roadrunner.com">johnfair@roadrunner.com</a>	814-474-3055

## Other Resources:

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Webmaster	Tom Kuklinski	<a href="mailto:tkuklinski@gmail.com">tkuklinski@gmail.com</a>	814-746-9165

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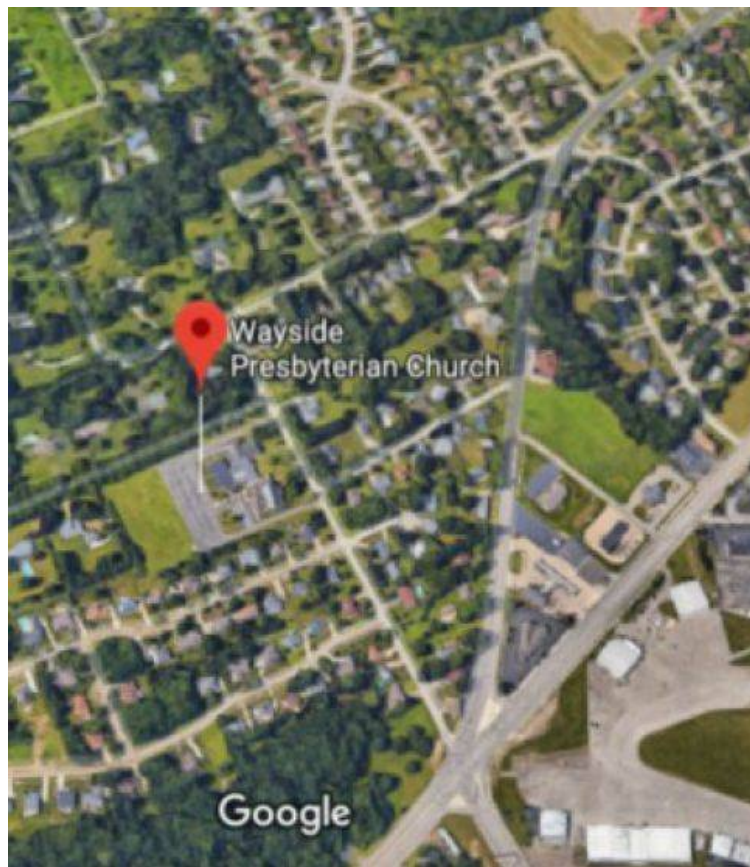
# Directions to Wayside Presbyterian Church for CUE Meetings

Wayside Presbyterian Church, at 1208 Asbury Road, is approximately three blocks north of the intersection of Asbury Road and Route 5. This intersection is at the northwest corner of the Erie International Airport property. Following Asbury, turn left at the first marked driveway for the church. During the afternoon winter schedule (10:00 AM for the months of November, January, February and March), entry is through the two sets of blue double doors. Use the buzzer to gain entry if the doors are locked. During the normal evening schedule (7:00 PM the remaining months) use the double doors on the south side of the Christian Education wing. Signs are posted in the building to direct you to the meeting room.

**From West of Erie International Airport:** Follow Route 5 to the intersection of Asbury and Route 5. Turn hard left onto Asbury Road. Look for the church on the left approximately 3 blocks north of the intersection.

**From South of Erie:** Take Interstate 79 north to the 26th Street (Route 20) Exit. Bear left onto 26th Street (Route 20) west. Follow Route 20 about 3.4 miles west to Asbury Road. Turn right (at the Sheetz Gas Station) onto Asbury and follow it straight across Route 5. Look for the church on the left approximately 3 blocks north of the intersection.

**From East of Erie International Airport:** Follow 26th Street (Route 20) west to Asbury Road. Turn right onto Asbury and follow it straight across Route 5. Look for the church on the left approximately 3 blocks north of the intersection. OR, follow 12th Street (Route 5) west past the airport to Asbury Road. Turn right onto Asbury Road. Look for the church on the left approximately 3 blocks north of the intersection.



## About the Newsletter

The CUE Newsletter is published monthly by the Computer Users of Erie (CUE), an independent nonprofit computer user group, dedicated to the education and support of our members. The opinions expressed herein are those of the individual authors or the editor, and do not necessarily reflect the opinions of CUE. This publication is Copyright © 2018 by the Computer Users of Erie. All rights reserved. Permission to reprint is hereby granted to any Nonprofit Organization, as long as proper credit is given, or not restricted by the original author or source. **Advertising:** Advertising is welcome from both our members and commercial sources. For current advertising rates, please send an email to the Editor requesting a copy of the Ad Rates file. **Address Changes:** Any recipient of the newsletter is urged to submit a change of address notification to the Editor, either via US Mail to the address shown below, or (preferably) via email, so we may keep our records accurate. **Newsletter Exchange:** CUE welcomes newsletters from other user groups. If you would like to exchange newsletters, either by US Mail or via electronic (Internet) delivery, please send your newsletter to the address listed below. We will add your name to our mailing list and send you our newsletter in return. **Submissions:** Submissions are always welcome from our members or outside sources. Submissions may be articles, images, cartoons, etc. For first time authors, please request a copy of our Submissions Guidelines from the Editor, prior to submitting any items. This will help to eliminate publication delays. Submissions are due by the 5th of each month. **Correspondence:** General correspondence to CUE may be sent via US Mail to: Computer Users of Erie, PO Box 8941, Erie, PA 16505-0941 USA. Email to: [cuerie@gmail.com](mailto:cuerie@gmail.com). Editor Email to: [grimcyber@yahoo.com](mailto:grimcyber@yahoo.com).

# CUE Membership Benefits



As the largest computer users group in northwest Pennsylvania, CUE has served Erie and surrounding communities since 1982. CUE provides a forum for people to learn about computers and have fun doing so. The group meets the third Thursday each month, with the exception of the months of July and December. In July the group gathers for a picnic and December is the annual holiday party (dates vary). CUE meetings are at Wayside Presbyterian Church, 1205 Asbury Road, Erie. Meetings from April through October are at 7:00 p.m. From November through March, the meetings are at 10:00 AM in the morning.

Our monthly meetings are open to the public regardless of age or ability. Many of our members are senior citizens who span a wide range of capabilities and interests but share a desire to know more about how to use computer related technology. Our role is to provide a forum for continuous learning from each other. CUE has a closed Google gmail group that is used to communicate with members and to post questions/problems to seek answers from the membership. Members pay an annual membership fee of \$24 to receive a membership directory, monthly newsletter, availability to monthly general meetings, and any of the Special Interest Group (SIGs) meetings, usually held in a member's home. Locations and times vary, so check the online EVENTS Calendar on the website for the latest information. SIG topics include:

- Digital photography [and photo safari]
- Genealogy
- Macintosh computers
- Computer troubleshooting
- Beginners users group (BUG)
- Handheld smartphones and tablets

CUE is a member of the Association of Personal Computer User Groups (APCUG). APCUG is an International, platform-independent, volunteer-run, non-profit organization devoted to helping member User Groups offer enhanced services to their members. Some of the membership benefits include:

- Speakers bureau
- Free virtual technology conferences
- Regional conference
- Push newsletter articles
- Discounts and special offers from vendors
- User group newsletters online

Find us online at <http://www.cuerie.com/>. And Facebook @cuerie

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