

# COMPUTER USERS OF ERIE

CUE Newsletter – November 2021 (Volume 38 Number 11)



## November CUE Meeting

The next general meeting is on Thursday November 18<sup>th</sup> at 7:00 PM, by a Zoom link in your email, with a Windows 11 demo by Bob Gostischa. Bring any questions you have on Windows 11. The CUE Website Calendar section has more information on the meeting.



CUE is a member of APCUG



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



An International Association of Technology & Computer User Groups

# CUE Calendar



Calendar events are subject to change. SIG stands for Special Interest Group.  
(look for notices outside of the newsletter for delays or special news on meetings)

## CUE Christmas/Holiday Party

Thursday December 2<sup>nd</sup> at 6 PM

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

Thursday November 18<sup>th</sup> at 7 PM

**NO** CUE Membership Meeting in December (other than Holiday Party)

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

To Be Scheduled Upon Request

## Digital Photo SIG Meetings (typically 1<sup>st</sup> Saturday of each month except June/July/August)

Saturday November 6<sup>th</sup> at 9:30 AM

Saturday December 4<sup>th</sup> at 9:30 AM

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

Tuesday November 2<sup>nd</sup> at 7 PM

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

## MAC SIG Meetings (typically 2<sup>nd</sup> Saturday of each month except June/July/August)

Saturday November 13<sup>th</sup> at 9:30 AM

Saturday December 11<sup>th</sup> at 9:30 AM

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

Monday November 22<sup>nd</sup> at 7 PM

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

## Windows SIG Meetings (typically 2<sup>nd</sup> Saturday of each month except June/July/August)

Saturday November 13<sup>th</sup> at 1 PM

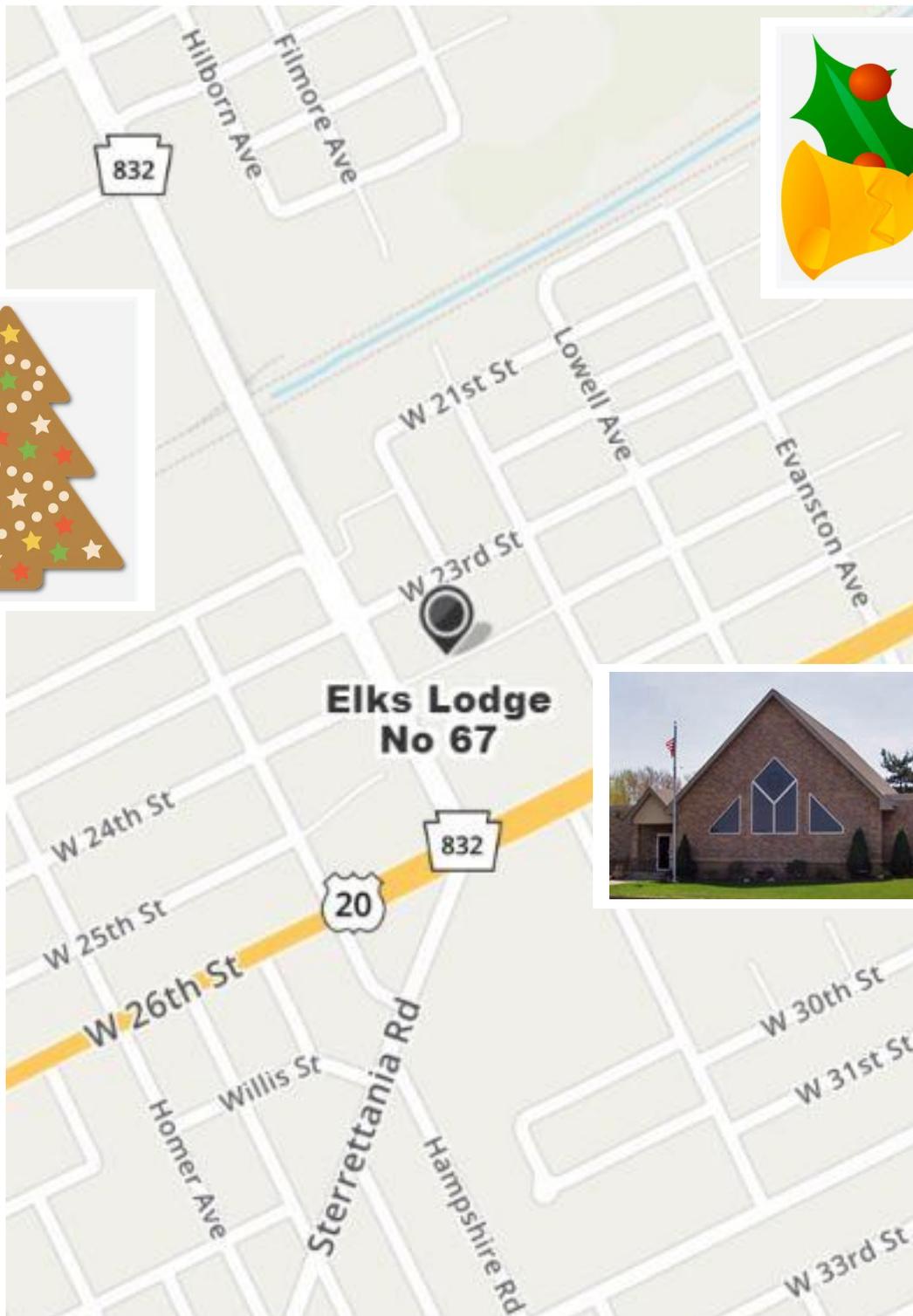
Saturday December 11<sup>th</sup> at 1 PM

# Save That Date! Thursday December 2<sup>nd</sup> 2021

The Elks Club in Erie is reserved for the CUE Christmas/Holiday Party!  
Try to keep that date open for a time of food and fellowship!

Here is the location for the Elks Club:

2409 Peninsula Drive, Erie, PA



# CUE Holiday Party!

Save That Date! On Thursday, December 2nd, 2021, CUE will celebrate our Holiday Party in a private room at The Elks Club in Erie! Keep the date open for an enjoyable time of food and fellowship! Members voted to keep the party at the Elks Club this year. CUE Members familiar with the restaurant at the club have spoken highly of the quality of the food and service. The club is located at 2409 Peninsula Drive in Erie with plenty of parking and a very accessible entrance.

As always, we will have a gift exchange. If you'd like to participate in the annual Yankee swap, please bring a wrapped gift of no more than \$10 in value and register for the Yankee swap drawing when you enter the Club that evening.

Members are asked to order their dinner(s) and pay in advance. Once again, CUE members have voted to give a \$10 subsidy (paid to you at the dinner) to dues-paying members who attend.

Here's how to order. To save on costs, we are offering a choice of just six entrees. The prices include the meal, sales tax, and gratuity. Each meal comes with a salad and roll.

Stuffed Chicken Breast	\$16.75 per meal
Honey-Glazed Salmon	\$17.20 per meal
Stuffed Peppers	\$16.75 per meal
Vegetable Lasagna	\$16.75 per meal
Broiled Salmon (gluten free)	\$17.00 per meal
Broiled Chicken (gluten free)	\$17.00 per meal

To order your dinner, please mail a check for you and your guest, if you plan to bring one, payable to CUE at:

Computer Users of Erie  
PO Box 8941  
Erie, Pennsylvania 16505-0941

Be sure to specify your dinner choices.

It will be a sit down dinner with servers.  
Coffee, water, and tea are provided.  
Iced or hot tea will be available.

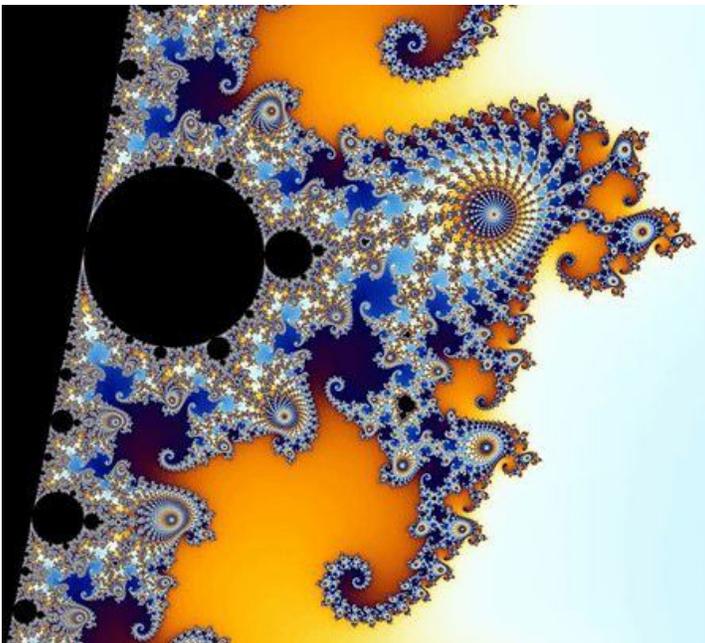


A cash bar will be available. Dinner orders and checks must be received no later than November 15. *Please note: If for any reason you do not attend, we cannot offer a refund.*

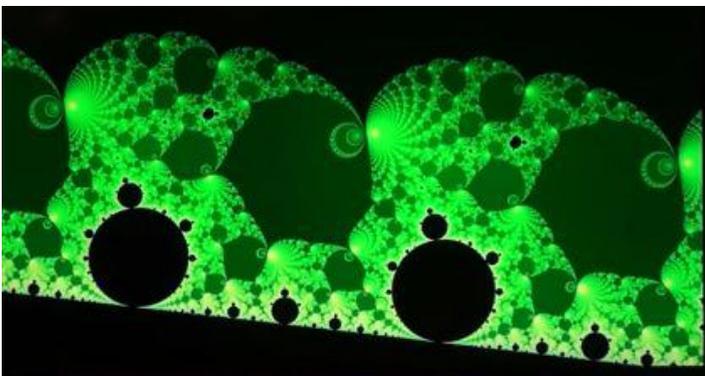
# Seahorses and Elephants and Turtles, Oh My!

By Don Grim at Computer Users of Erie

Yes, there are images that look similar to seahorses, elephants, and turtles. They were hidden from our view for thousands of years. They waited until computers came along to help us see them. They can be found in the Mandelbrot set of fractal images, discovered by Benoit Mandelbrot. The first printout of the Mandelbrot set, the beginning image, was produced in 1978. Computers have allowed zooming into the graphs of the math, to dig deeper, to find many beautiful images in the Mandelbrot set. True to the nature of all fractals, the zooming can go on forever. Fractals, like the ocean, just wait for people to discover more!



Black Turtles and Blue Seahorses



Green Elephants and Black Turtles

Since a seahorse represents a sea animal, an elephant represents a land animal, and a turtle represents a sea/land animal, where is a flying animal? Keep looking! If you look at a whole fractal elephant, it almost looks like a bird's head. The fractal images are truly distinctive. We just tend to compare them to what we know so that they can remind us of past known images.

Besides the fractal images being beautiful and unique, it is good to remind yourself that they are a discovery and not an invention. So, just like nature, fractals contain a beauty outside of ourselves. You could call fractals an art from God's hands!

Astrophysicist Jason Lisle has given presentations on fractals. Here is a link to one of his fractal presentations in 2019: [www.youtube.com/watch?v=kEyPWJVYp84](http://www.youtube.com/watch?v=kEyPWJVYp84). To enjoy just the fractal zooming and images, I recommend you watch just from the 11 minute mark to the 34 minute mark. You can watch the other sections of the video if you're interested in seeing some of the math detail.

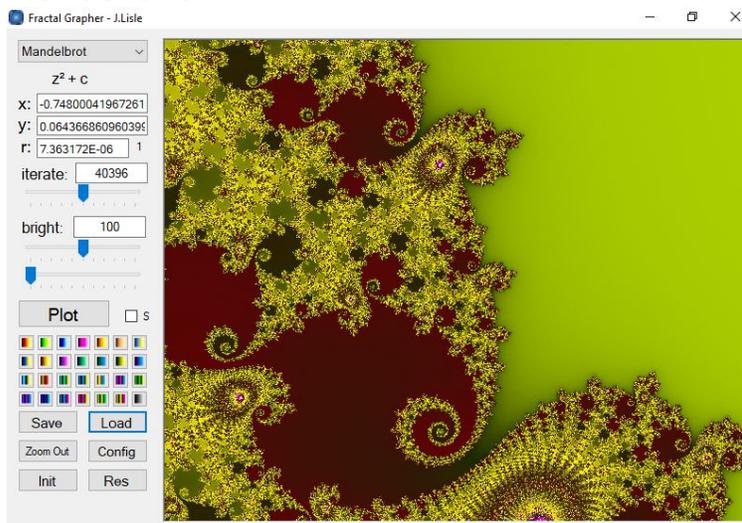


Jason Lisle has taken it a step further and released a book this year, in 2021, called "Fractals – the secret code of creation". It is nice to have the book for both the reading and the beautiful fractal pictures. As a bonus to buying the book, it allows you to use a program called "Fractal

## Oh My Continued

Grapher”, which runs on Windows computers. I recently saw the book available for \$24, or a PDF version of the book for \$7, both at [christianbook.com](http://christianbook.com).

Fractal Grapher is protected by copyright with it free to use for those who have purchased the Fractals book. I actually downloaded the program and used it before I had the book, while it was on order. So, it is on the web under an honor system, assuming you bought the book. It can be downloaded at: <https://biblicalscienceinstitute.com/FractalGrapher/>. Once you download it and unzip it, there are just two files. You don't need to install anything. You just double-click Fractal.exe to run the program and you just double-click instructions.pdf for helpful instructions.

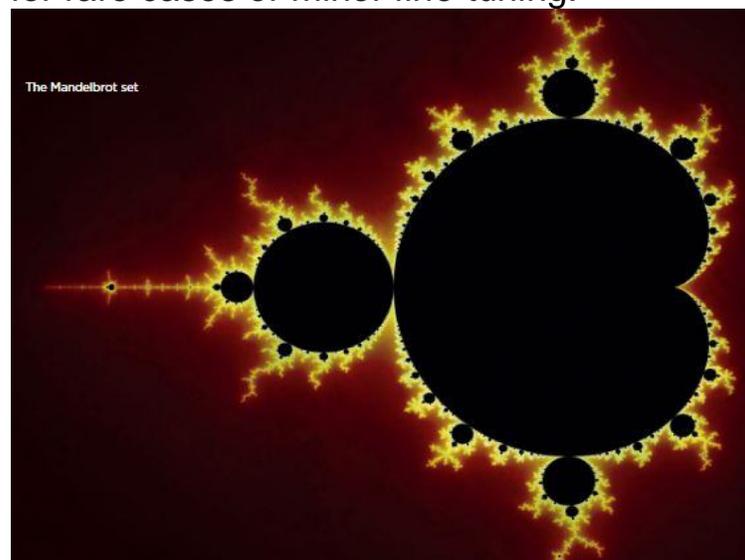


Golden Seahorse in Fractal Grapher

You can have a lot of fun with the program without needing to know much about running it. Just choose one of the 10 fractal sets at the top, which includes the Mandelbrot set. Click the Plot button to see the beginning fractal image. Hold your left mouse button while drawing a rectangle at a specific area of interest.

Click the Plot button. It will then zoom to that section. In some cases, it will be blurry until it fully renders a clear image. There are 28 buttons to choose a color scheme that you like for an image, including gray scale (black & white) at the bottom right button. I used the color button just to the left of the gray scale button for my first saved image, a beautiful golden seahorse! I used the Save button to save it to an image file.

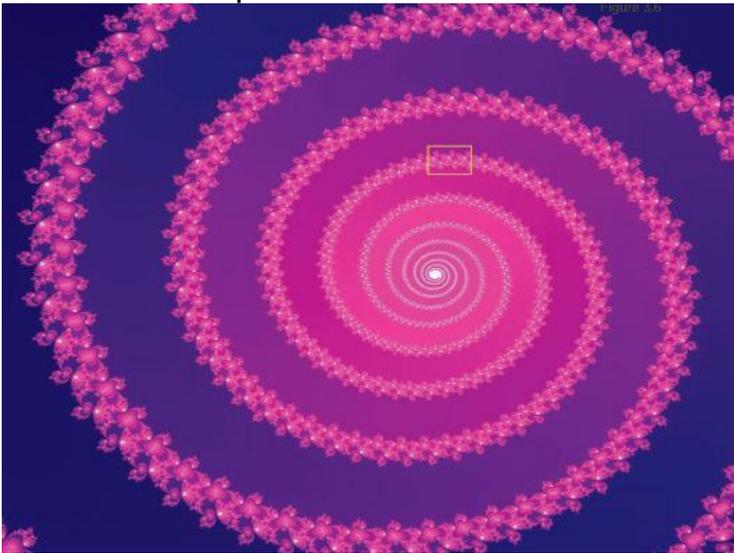
A really nice feature is that any saved image file has a built-in form of GPS in it! Anytime that the program is opened, I can go to the Load button and load a prior saved image file and it will show it. Not only that but it sets it at the same x/y/r section in the Mandelbrot set, for further exploration in that area. So, you would not need to try to find the place to bring up a saved image, the GPS puts it there for you! There is no need to wonder where an image was found! There are other options for the program but they seem to be more for rare cases or minor fine-tuning.



The beginning image of the Mandelbrot set looks like a turtle to me. That turtle is found again in many zoomed-in places, many times encased by beautiful patterns

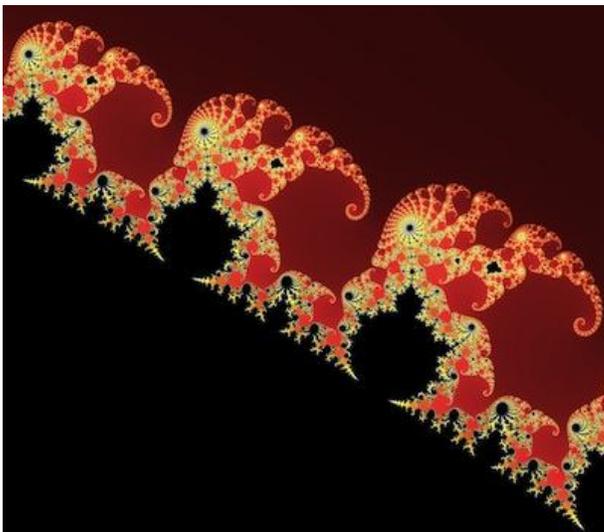
# Oh My Continued

around it. None of the inner turtles are the same as the original outer turtle. They are all slightly different with a different number of spikes. They are sometimes referred to as “baby Mandelbrots”, but I like to call them baby turtles! There are beautiful spirals in the Mandelbrot set, some that are double spirals. If you follow two side-by-side spirals out of a revolution with two fingers, you’ll find they don’t meet, making them double spirals.



Double Spiral

So, what a beautiful discovery that only came about in our lifetime! The ocean is still being discovered as well. With a relatively new frontier for oceans and fractals, I thought of John Denver’s Calypso song about ocean discoveries.



With the adventure of these discoveries in mind, I wrote fractal lyrics to the melody of Calypso. So, if you want, you can sing about fractals! Discover On!

## Oh The Fractals

To zoom on a graph to a place yet so unknown  
To ride on the view of such wild stunning art  
To see what is showing of math through a landscape  
In search of the answers to God’s own writings  
To be part of discovery and not an invention  
And part of the knowing, what it can mean

Oh the fractals, the places you’ve gone through  
The things that you’ve shown us, the beauty you tell  
Oh the fractals, I sing to your spirit  
With love you have served us so long and so well

Hi dee ay-ee ooo doo-dle oh  
Oo do do do do doo-dle ay yee  
Doo-dle ay ee

With a computer that speeds it, it sweeps us beside you  
To light up the canvas with infinite scenes  
For though it was hidden for thousands of years  
With tech at our side, we’re exploring a sea  
To be true to the math and free as a pattern  
Joyful and loving, in letting it be

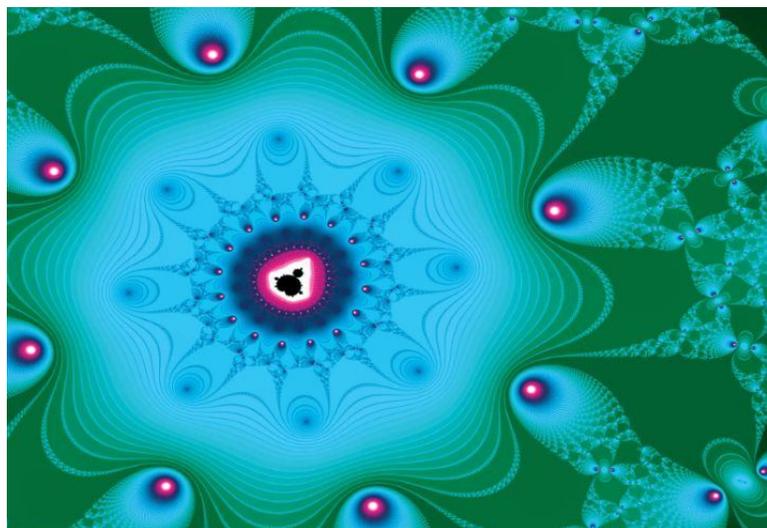
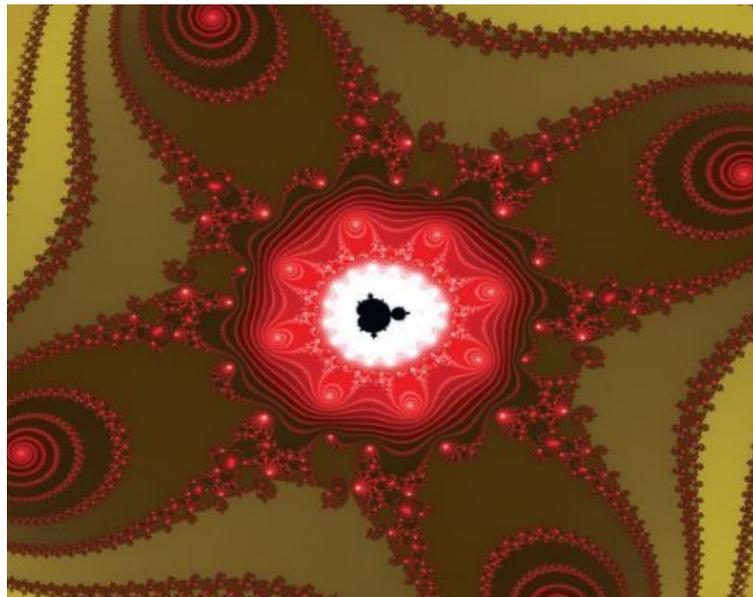
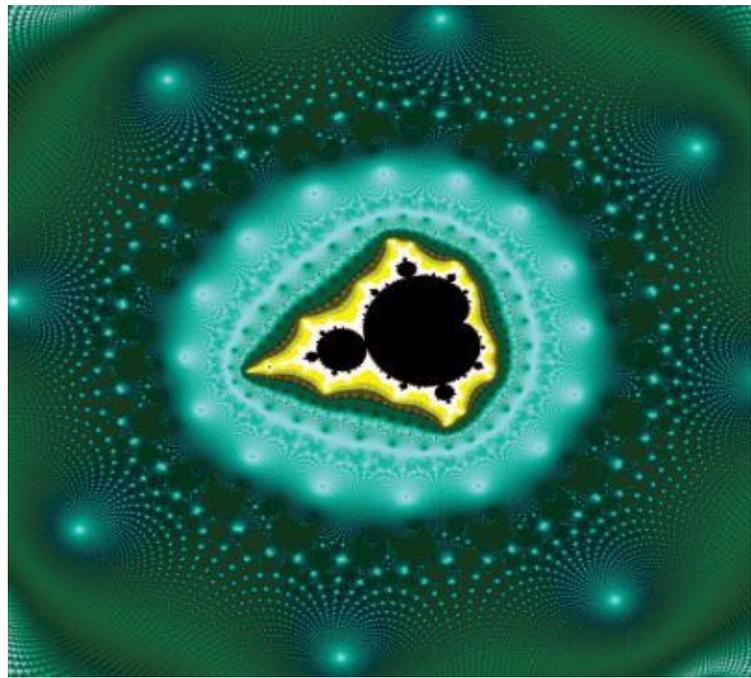
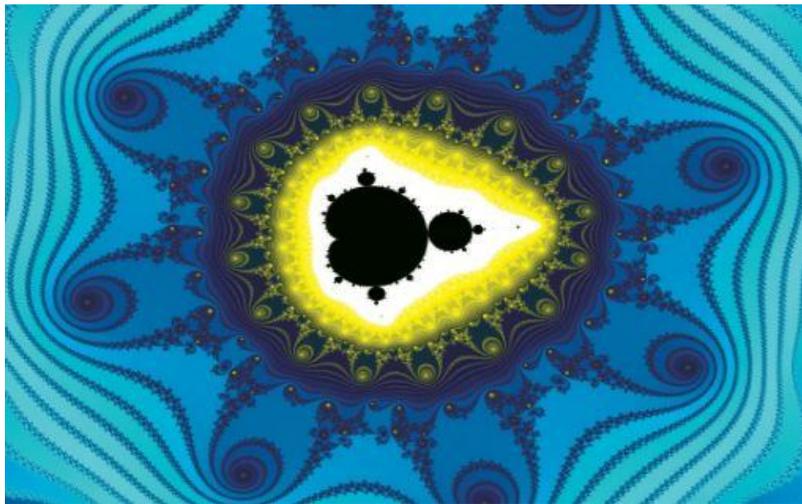
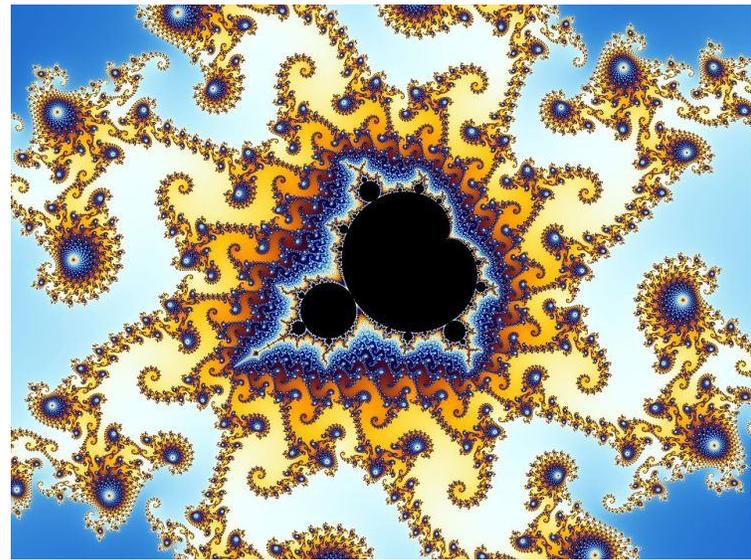
Oh the fractals, the places you’ve gone through  
The things that you’ve shown us, the beauty you tell  
Oh the fractals, I sing to your spirit  
With love you have served us so long and so well

Hi dee ay-ee ooo doo-dle oh  
Oo do do do do doo-dle ay yee  
Doo-dle ay ee



# Oh My Continued

Various Samples of Mandelbrot Turtles Encased in Fractal Frames



# Some Useful Windows 10 Features

By David Kretchmar at Sun City Summerlin Computer Club ([www.scsccl.com](http://www.scsccl.com))

While many users consider Windows 10 the most complicated operating system Microsoft has come up with yet, it does contain a lot of handy new features. Some of these have been present in some form since the beginnings of Windows, and others have been introduced by Microsoft's newer versions of Windows 10. I personally think Windows 10 is by far the best version of Windows ever, for the built-in security if nothing else. I have never had to remove a virus from an operating system running Windows 10 with Windows Security activated and current, which are the defaults.

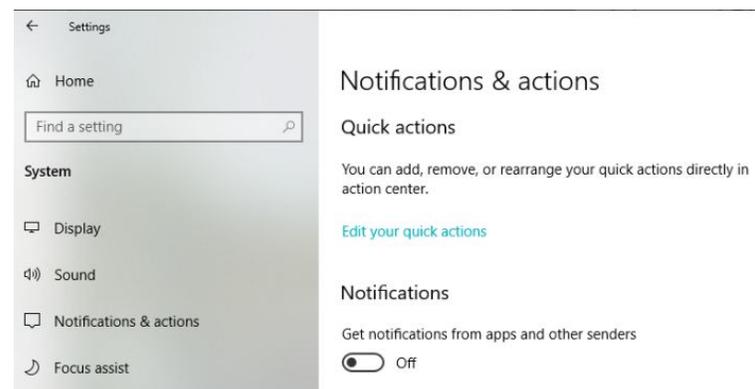


## Notifications:

Windows provides users with popups notifying users of a system or news event. These and pretty much all popups provide a minimum of useful information and are more annoying and distracting than anything else.

Many Sites visited while surfing the Internet will display a popup offering to send you notifications of certain events. I recommend you "Just say no" to this offer, unless the notifications are for something you deem important. Notifications can also come from your system, i.e. you might get a notification that Windows security has completed a scan finding nothing.

Most users would be best served by turning off notifications completely, and the newer versions of Windows 10 make this easier than ever. Click (clicks are always left-clicks unless otherwise indicated) on the Notifications icon at the far right of your Taskbar, then click on Manage notifications at the top right side of the window that appears. You are in the Notifications and actions section of Settings. The top slider switch provides an opportunity to turn off all notifications. Or if you like you can leave notifications on and in the area below the on/off slider, elect to receive or not receive notification from specific sources.



## Dictation:

If you haven't used voice-to-text software in recent years, you will be amazed at how far this technology has come. Windows 10 has been no slouch in applying artificial Intelligence (AI) to this task. You can now dictate into any application. To turn on dictation in Windows 10, hold down the Windows logo key near the lower left-hand corner of your keyboard and press the letter H on your keyboard. A microphone indicator rectangle will appear at the top-center of your screen.

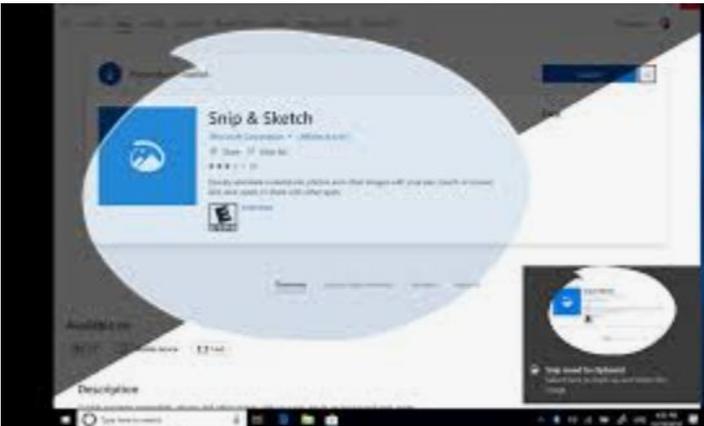
## Windows 10 Features Continued



Just place your cursor in any field ready to receive text (like a Word document you are creating) and start talking. Now with a little practice you don't have to deal with keyboarding; you can dictate your content, just like I did for this sentence. Period.

### Snip & Sketch Tool:

The snipping tool has been in Windows 10 for a number of years, but until recently it couldn't compete with third party screen capture software.



Snip & Sketch is Windows' newest, best approach yet to capturing all or part of an image on your screen.

Start by holding down the Windows logo key on your keyboard and pressing Shift and the letter S. This creates a small dialogue bar at the top of your screen where you can choose from rectangular, free form, square, or full screen capture. Choose the shape of you clip, hold down the left mouse button and drag it over the area you want to capture. Let go of the mouse button and the clip will be saved to your clipboard. If you go directly to your destination, right-click and select paste.

### Clipboard:

That Snipping Tool example is the perfect segue into another valuable feature of Windows 10, the clipboard. Many of us might have forgotten that all items copied into the clipboard stay there until we reboot our system. Hold down the Windows logo key and the letter V to see a listing of all items, text and graphics, that has been copied into the clipboard. Just click on any item listed (even if you copied 10 subsequent items, and that becomes the current item to be pasted.



## Genealogy Report for 10/5/21 SIG Meeting

The October meeting of the Genealogy SIG was held on the 5th via Zoom. Sue Mueller called the meeting to order with ten in attendance.

Conrad reminded the group of the upcoming CUE general membership meeting and encouraged attendance. Both Conrad and Suzanne said how much they enjoyed the CUE picnic.

Sue introduced the group to Project Algerine. According to their Facebook page, they use artificial intelligence to restore, examine, and recreate Erie's past as a surreal, quirky TV show. While the audio failed on the story of the Erie Alms House during the meeting, it can be viewed at [https://www.youtube.com/watch?v=d\\_uEfr5VTzw](https://www.youtube.com/watch?v=d_uEfr5VTzw).

There are also segments on Waldameer, the Erie Canal and other stories of local interest.

Hal gave an update of the property in his wife's family that the deed was signed by Benjamin Franklin. It was dated 17 March 1788 in Allegheny County. Sue suggested the website <https://www.randymajors.org/> which can research a property location based on the date given and compare it to its current jurisdiction.

Family Search has a new interface which may take some getting used to but they have added some more information to narrow searches similar to Ancestry.

Submitted by Connie Edwards



## Smartphone & Tablet Report for 10/25/21 SIG Meeting

It had been a while since our group talked about the hardware side of things. The last time was when Paul Francis talked about purchasing an iPhone 12 Pro Max. Recently three of our members are interested in buying devices in the new iPhone 13 family. The phones being replaced were 7 or 8 years old and still worked, a tribute to the quality of Apple's smartphones.

When should you replace your iPhone? There are three schools of thought. One says when the phone can no longer be updated to the current operating system. That is a safety and security consideration. A second is when repairs no longer make sense because they cost more than the phone is worth. A third is when you really want to have the features of the newest iPhone. We found some members of our group that fell into each category.

We looked in some detail at the iPhone model comparison chart on the Apple website comparing older models owned by some in our group with the iPhone 13 and iPhone 13 Pro. One obvious difference between the older and newer phones is the presence of the Neural Engine over the last 4 years. This chip powers Machine Learning, software that allows processing of less structured data as with Siri and Photos. The Neural Engine had its inception with the adoption of Face ID security by Apple and it has grown in power and application each year.

The Neural Engine allows for reading text, regardless of font or style, in Camera and Photos. It also allows object recognition. In iOS 15 not only will the software identify a dog, but it will also attempt to identify the

breed. The same with flowers, etc. Machine Learning lets Memories match the mood music with what is going on in the photo. Stacked widgets show the one deemed relevant at the given time based on your activities, apps used, etc. Walking directions can use Machine Learning (Augmented Reality) to project directions onto the image in Camera. In the past Siri has used off-device processing so it required an internet connection to function. Now iOS 15 uses the Neural Engine and Machine Learning to provide most of Siri's processing on the mobile device. Improved picture quality, Portrait Mode and Deep Fusion night photography are examples of how the Neural Engine and Machine Learning overcome hardware constraints of fitting a tiny camera into a smartphone. You might say the Neural Engine is the magic in the newer iPhones.

We continued our examination of iOS 15 and iPad OS 15, announcing that the latest version 15.1 was just released the day of our meeting. Most notable in this release was SharePlay, a way to share synchronized experiences in FaceTime with content from Apple TV, Apple Music and other supported apps. ProRes video capture is only for the iPhone 13 Pro and Pro Max. Now the COVID-19 vaccination card support allows you to add and present verifiable vaccination information from Apple Wallet. These features might not appeal to most users, but updating to the latest OS is always wise since security patches are included in nearly all releases.

We reviewed the features of iOS 15 and iPad OS 15 that we explored last month and then used the iPhone Life Insider

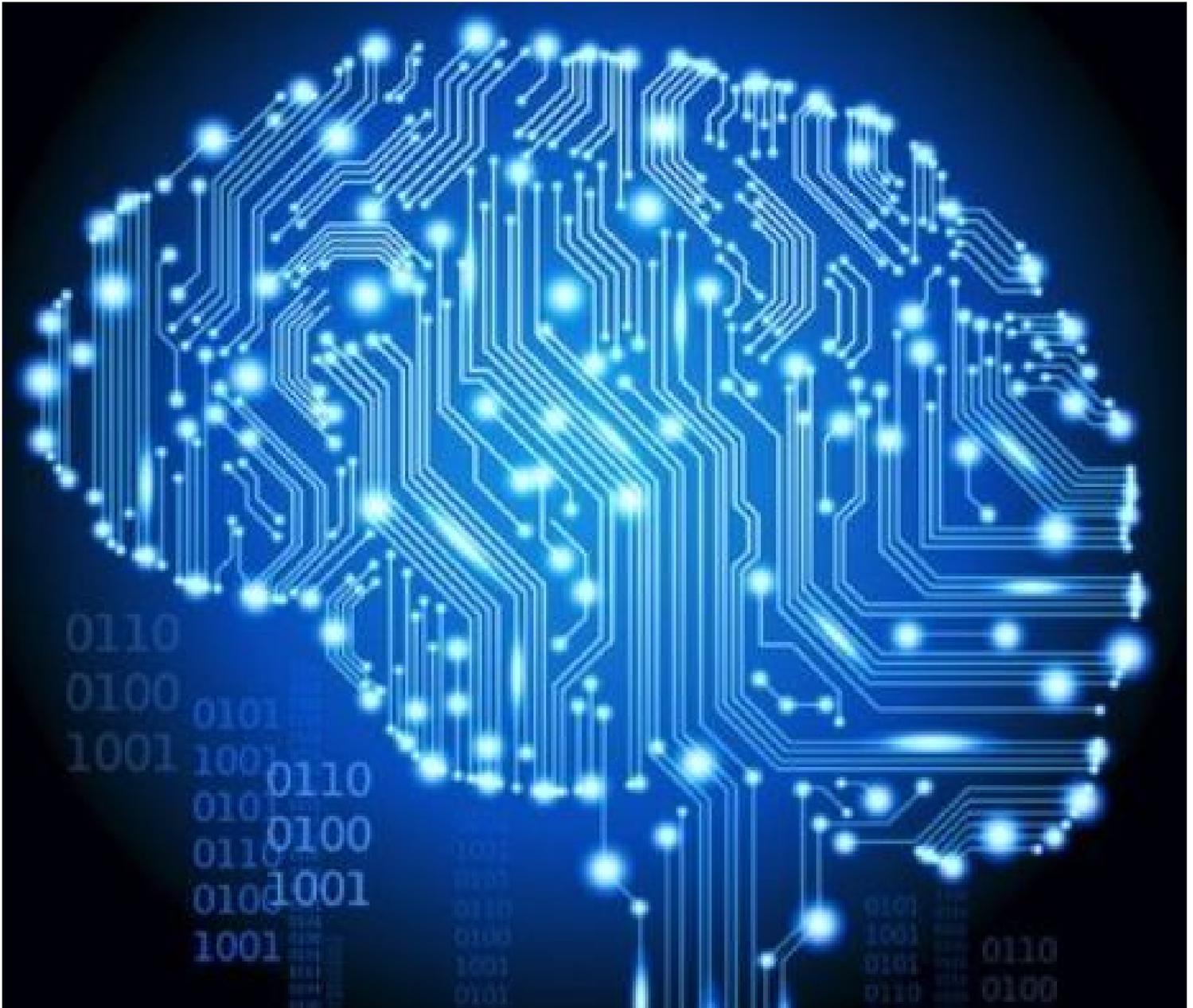
## Smartphone & Tablet Report Continued

Guide to look into more of the new operating system features.

The next Virtual meeting of the Smartphone and Tablet SIG is scheduled

for 7 PM on Monday, November 22, the usual fourth Monday of the month.

John Fair



### Neural engine

Dual-core design

600 billion operations per second

Real-time processing

### A11 Bionic neural engine

Specialized hardware built for a set of machine learning algorithms

# Secretary's Report for 10/21/21 CUE Meeting

Meeting was called to order at 7:08 due to technical issues with president Conrad Sobczak's computer/internet connection.

Members Present: Conrad Sobczak, John Fair, Larry Brown, Sue Mueller, John Szympruch, Liz Wisniewski, Paul Francis, Carol Korn, Lee Williams, Don Grim, Carl Zalewski, Hal Kelley, Lou Cioccio, Tim Donlin, Ken Stanley, Joanne Kleinhanz, Bob Jaworski, and Pat Mickel.

Guests: Bob Gostischa, speaker.

Quorum (at least 20% of members): The number of member attendees exceeds the quorum requirements (18).

It was moved and seconded and approved by membership that the minutes of the 8/19/2021 General Meeting as published in the September 2021 newsletter.

## Reports:

Treasurer's Report: Treasurer John Fair reported a balance of \$4,054.26 in the account. During the period of August-September, 35 members paid their dues and HOA was paid \$300 (annual fee for webhosting). Picnic expenditures were \$344.78.

Membership, John Fair: 71 paid members, 8 associates, 10 members have not paid with one of those reporting that he would not be renewing.

In deference to our speaker, further reports were abbreviated with no action taken.

Special Interest Groups:

- Genealogy: Meets first Tuesday of each month. Next meeting, November 2. No report, see Connie's report in the next newsletter.

- Smart Phones, John Fair: Began a discussion of IOS 15 and will review and continue at the next meeting, on Monday, October 25.

- Digital Photography, Lou Cioccio: Affinity class meets Monday and Friday morning via Zoom.

- Mac Group, Lou Cioccio: Met 10/9 with four attendees, discussed new chips coming out as well as printing tips through Affinity.

## Unfinished Business:

- Picnic wrap up: Picnic went very well with good turnout (38). A discussion followed of changing the picnic date from July to Septembers. In general, members liked the change, and this will be discussed further at a future meeting.

- Holiday Party is scheduled for Thursday, December 2. The Elks Club is working on a gluten-free option, and members have been e-mailed dinner choices and prices. Paul Francis will have a full report/update at the next meeting.

## New Business:

- Member survey: Our first effort for a member survey through our new website had some glitches and will be refined. The purpose of the survey is to evaluate Zoom meeting barriers and to determine if

## Secretary's Report Continued

members would like to take advantage of training sessions. The survey also included the option for determining if attendance would improve if meeting dates might be changed.

- If members are interested in Zoom training by CUE members.
- Ideas for presentations at the General Meetings or for the good of CUE. Members agreed that a Windows 11

presentation would be of interest, and Paul Francis will schedule this for November.

Vote to adjourn the meeting was adjourned and members then enjoyed Norbert "Bob" Gosticha's presentation on computer security.

Respectfully submitted,



Susan B. Mueller, Secretary

## Is Cyber Security Really Important?



**You Bet It Is.**

## A Note from the Editor

As usual, feel free to contribute information for the CUE newsletter. Whether it is small, large, an article, a tip, information, or pictures, you can send it to me and I will plan to include it in the newsletter. You can reach me at [grimcyber@yahoo.com](mailto:grimcyber@yahoo.com).

Remember that you can find recent news at the CUE website ([cuerie.com](http://cuerie.com)). At times,

the website will have more recent news than the CUE newsletter since the website is updated continuously and the newsletter is updated monthly.

Stay Safe!

Editorially Speaking, Don Grim



Have a wonderful Thanksgiving and Holiday Season!

Hang in there when you have to wait for a treat!

**COMPUTER USERS OF ERIE  
MEMBERSHIP APPLICATION**

PLEASE PRINT

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

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*What is your Computer or Device: (Circle)*  
*Windows Mac Android iPhone iPad*  
*Tablet Linux Other*

---

*What is you 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?

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

# CUE Officer Information

## Officers

President	Conrad Sobczak	<a href="mailto:hatsob@verizon.net">hatsob@verizon.net</a>	814-899-9699
Vice President	Paul Francis	<a href="mailto:pdflyer@roadrunner.com">pdflyer@roadrunner.com</a>	814-882-1175
Secretary	Susan Mueller	<a href="mailto:suepasta@roadrunner.com">suepasta@roadrunner.com</a>	814-622-1262
Treasurer	John Fair	<a href="mailto:johncfair@gmail.com">johncfair@gmail.com</a>	814-474-3055

## At-Large Board

Janice Castro	<a href="mailto:jcastrocue@outlook.com">jcastrocue@outlook.com</a>	312-543-9128
Don Grim	<a href="mailto:grimcyber@yahoo.com">grimcyber@yahoo.com</a>	814-461-8289
Marcia Keller	<a href="mailto:dekmak43@gmail.com">dekmak43@gmail.com</a>	814-449-4682
Hal Kelley	<a href="mailto:hal_kelley@outlook.com">hal_kelley@outlook.com</a>	814-836-1803
Suzanne Matthews	<a href="mailto:pdxmatthews@aol.com">pdxmatthews@aol.com</a>	814-790-4185

## Alternate At-Large Board

Lou Cioccio	<a href="mailto:lcioccio@mac.com">lcioccio@mac.com</a>	814-868-1320
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## 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	Susan Mueller	<a href="mailto:suepasta@roadrunner.com">suepasta@roadrunner.com</a>	814-622-1262
MAC	Lou Cioccio	<a href="mailto:lcioccio@mac.com">lcioccio@mac.com</a>	814-868-1320
Smartphone & Tablet	John Fair	<a href="mailto:johncfair@gmail.com">johncfair@gmail.com</a>	814-474-3055
Windows	Lou Cioccio	<a href="mailto:lcioccio@mac.com">lcioccio@mac.com</a>	814-868-1320

## Other Resources:

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## CUE Disclaimer

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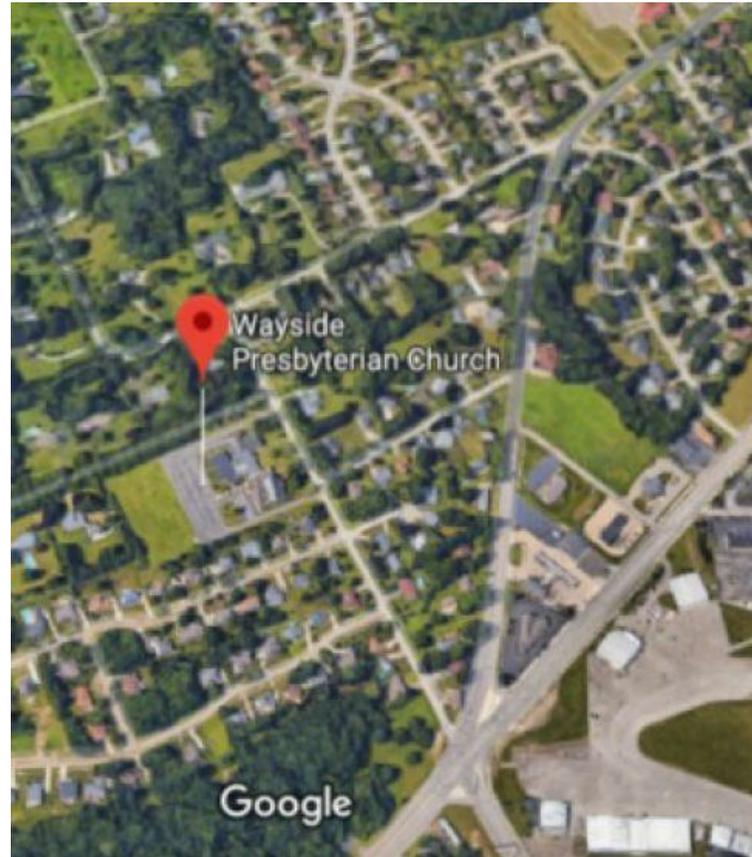
# Directions to Wayside Presbyterian Church for CUE Meetings

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, except it will stay at 7:00 p.m. during the Caronavirus Pandemic.

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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