

COMPUTER USERS OF ERIE

CUE Newsletter – August 2022 (Volume 39 Number 8)



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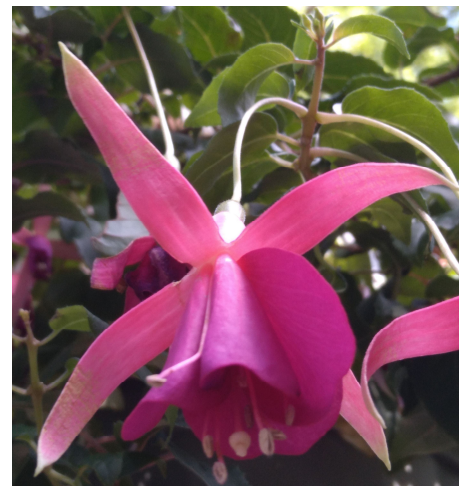
August CUE Meeting

The next CUE meeting is on Thursday August 18th at 7:00 PM, by a Zoom link in your email, with a demo by Mark Schulman about Security and Encryption Software. Check the CUE Website (www.cuerie.com) for more information.



Visit the CUE
Website at:

www.cuerie.com



CUE is a member of APCUG



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 Membership Meetings (typically 3rd Thursday of each month)

Thursday August 18th at 7 PM

NO CUE Membership Meeting in September (other than CUE Picnic)

Beginner's User Group (BUG) SIG Meetings

To Be Scheduled Upon Request

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

Saturday September 3rd at 9:30 AM

Saturday October 1st at 9:30 AM

Genealogy SIG Meetings (typically 1st Tuesday of each month)

Tuesday August 2nd at 7 PM

Tuesday September 6th at 7 PM

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

Saturday September 10th at 9:30 AM

Saturday October 8th at 9:30 AM

Smartphone & Tablet SIG Meetings (typically 4th Monday of each month) (RSVP John Fair)

Monday August 22nd at 7 PM

Monday September 26th at 7 PM

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

Saturday September 10th at 1 PM

Saturday October 8th at 1 PM

CUE Picnic

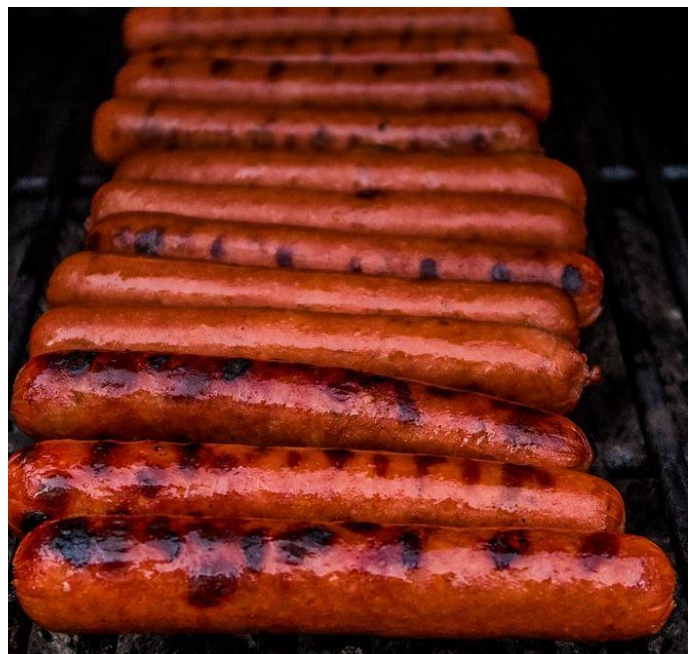
Thursday September 15th at 5 PM

CUE Christmas / Holiday Party

Thursday December 8th at 6 PM

Save That Date! Thursday September 15th 2022

The Erie Runner's Club pavilion at beach #1 is reserved for the CUE Picnic!
Try to keep that date open for a time of food and fellowship! (Eating starts at 5 PM)



Backing Up Digital Images

By Lou Cioccio at Computer Users of Erie

Backing up Strategies for Digital Images found on the Internet:

<https://www.digitalphotomentor.com/best-photo-storage-backup-plan/>

Here is what we're going to cover:

1. Use one main drive for all your original image files.
2. Have a second drive as a backup copy of everything on your main drive.
3. Have a third copy off-site (another drive or in the cloud).

Using Software like Lightroom

1. Backup your LR catalog separately (on a different drive) regularly.
2. Put your working LR catalog on your computer, not an external drive.

Think about where you put your images and create a logical folder and file structure. Rename your images appropriately.

My strategies:

1. Use two drives for all your images and copy to that second drive.
2. Have two other drives and copy those images and either unmount them or disconnect them.
3. Use a cloud source for the same above images. This will be an on-going cost if you so choose.

What you need to realize that if a catastrophe, Fire, or Flood happens, how are you going to recover those images? If

you do not choose to use the cloud storage then think about having storage off site and definitely not near your home in case of Fire or Flood!!!

Software you could use to copy or clone drives:

Windows Users:

<https://www.macrium.com/8-home>

FREE for Home USE

Mac Users:

Carbon Copy Cloner

One time fee

<https://bombich.com>

Ditto (terminal app on your Mac)

Free

Ditto:

Copy directory hierarchies, create and extract archives. Ditto can preserve ownership / permissions, resource forks and file / folder metadata. Ditto will automatically create the destination folder if it doesn't yet exist, if the destination does exist and contains files, then ditto will merge them.

<https://support.apple.com/en-us/HT201250>

Time Machine for the MAC OS X

Backing Up Digital Images Continued

Windows Backup with 10 or 11

<https://support.microsoft.com/en-us/windows/backup-and-restore-in-windows-352091d2-bb9d-3ea3-ed18-52ef2b88cbef>

1. Restore files with File History

Connect the external storage device that contains your backup files. In the search box on the taskbar, type Control Panel, then select it from the list of results. In the search box in Control Panel, type File History. Select Save backup copies of your files with File History from the list of results. Follow the instructions to restore your files.

2. Restore files with Backup and Restore

Connect the external storage device that contains your backup files. In the search box on the taskbar, type Control Panel. Select it from the list of results, then select Backup and Restore (Windows 7). Select another backup to restore files from, select the location of your external storage device, and follow the instructions to restore your files.

I know this is short but if you're looking to save your images on your digital phone or camera, you need to be thinking.



Waymo Self-Driving Cars

By Jeff Wilkinson at Sun City Summerlin Computer Club (www.scscc.club)

On a recent visit to San Francisco, we noticed Waymo cars on many downtown streets. At first, we thought it was part of Google maps since Waymo is an Alphabet company, Google's parent company. But after seeing multiple Waymo cars together, we, you guessed it, Googled it and found out it was a ridesharing service.

The Waymo taxi service began in Phoenix shortly after mapping of the greater Phoenix area was completed in October 2020. This driverless service was previously available only to research testers and onboard safety drivers. Now, it serves a 50-square-mile area in the Phoenix suburbs of Chandler, Tempe, and Mesa. With a huge investment at stake, the challenge is to reduce the amount of human interaction required to safely perform the service.

At this time, San Francisco is in Beta testing, initially offering free rides to select passengers in San Francisco via its Trusted Tester program. Waymo's fleet includes Toyota Priuses and hybrid Chrysler Pacificas, but, Waymo has partnered with Jaguar to deliver the world's first fully self-driven premium EV experience. We saw only these vehicles in San Francisco.

Because San Francisco's terrain is hilly, with dense streets and multiple obstacles from continuous construction activity, Waymo cars will have a safety driver on board. The team has been mapping the city since 2019, and the cars contain 5 LiDARs (Light Detecting and Ranging) and one surround-view camera on top of each vehicle. LiDARs provides a detailed, 3D

map of the car's surroundings. It gives shape and depth to the objects, roads, buildings, and more—the data from these sensors is fed to a computer running Google's machine learning algorithm.

The human body has five senses, hearing, sight, smell, taste, and touch. We use these senses to navigate the world we live in. Some of these senses are detected with man-made sensors in self-driving cars. Cameras for sight, taking multiple photos to be compared with known objects using the computer algorithm. Cameras are used with object detection algorithms to classify all the things the car sees into usable data for the algorithm. The cameras are also placed for a 360-degree view and are adapted for identification in various light and climate conditions. Once the camera has gathered the data, an object detection algorithm, which involves computer vision and neural networks, is used to classify the objects into labels like pedestrians, cars, signs, and more.

LiDAR is used to simulate the touching sense and provide range and distance information. The camera can rotate at hundreds of revolutions per minute and provide a 360-degree view and high-resolution information range. The vertical angle of detection, allowing height measurement, and the updating frequency are other important features. In addition, multiple channels with input from different laser beams provide higher quality data to the object detection algorithm.

The Waymo driver uses the information it has gathered, along with its over 20 million miles driven in the real world, to predict

Self-Driving Cars Continued

where other objects (like pedestrians, cars, etc.) would go, how fast they would move, and the way they move.



It predicts all the possible paths each object may take in less than a second. With constant updates and corrections as the trip begins.

In addition to safety and navigation, self-driving vehicles must be power-and-fuel-efficient. Therefore, numerous sensors, actuators, application-specific circuit boards, and subsystems are installed in self-driven cars to manage system-level operations, power consumption, and fuel efficiency.

The voltage in the vehicle battery is crucial for the safety of the users and the vehicle's functionality and is constantly monitored. Autonomous cars use milliohm meters and shunts feeding differential amplifiers to precisely measure the battery voltage drop.

Actuators, step motors, and solenoid valves in the electronic fuel injection

system help improve fuel efficiency and reduce emissions and are also actively monitored and controlled.

Self-driving vehicles depend on sensors, actuators, and processors to make crucial decisions on the road, ensuring the safety and comfort of their users.



So, these self-driving Waymo Jaguars with the odd-looking spinning lidar and cameras are rolling technology hubs with dynamic inputs feeding various actuators and solenoids, which are constantly updated by feedback from even more sensors!!

Initial tests yielded less than stellar feedback, but progress is steadily being made, which is not surprising given the complexity of the project!!

Futuristic Fun Fact! – The Jetsons, a cartoon about the future, was introduced on television on 9/23/1962 and focused on the year 2062 (100 years into the future). George was to be 40 years old, so they set his date of birth at 40 years before the 2062 year, giving him a date of birth of 7/31/2022 (this year!). George is a baby and we only have 40 more years to move from self-driving cars to flying cars!

Genealogy Report for 7/5/22 SIG Meeting

The July meeting of the CUE Genealogy SIG met at 7:00 pm July 5th via Zoom with eleven in attendance. Sue Mueller led the group.

Hal Kelley was welcomed back after a brief absence during his and Gretchen's move to a new home.

Sue showed two videos by Amy Johnson Crow on the 1950 census. Some interesting points:

- If it says "no one at home" go to Page 71 at the end of the enumeration district. It will be there even if there aren't 70 pages in between.
- Military members were counted if they were in the U.S. or territories. If they were serving overseas, they were not counted.

- The 1950 Infant and Agriculture cards were not preserved.

It was noted that NBC will be airing six new episodes of Who do you Think you are? beginning July 10, 2022 at 7:00 p.m.

Conrad reminded everyone that the CUE picnic will be held at 5:00 on September 15th at the Erie Runners' Club Pavilion.

Joanne H. commented that she is participating in the UMPC's All of Us Research Program and finds it interesting. The program is trying to understand more about tailoring medical treatments to the individual using DNA. For more information go to joinallofuspa.org.

Submitted by Connie Edwards



Secretary's Report for 7/21/22 CUE Meeting

(Conrad Sobczak reported for Secretary Sue Mueller)

1- The meeting opened at 7:02 p.m.

2- A Quorum of 16 was achieved, with one member joining a few minutes late.

3- There was a general welcoming of attendees by CUE'S President.

4- The Minutes of the 6/16/2022 General Membership Meeting were published in the July 2022 Newsletter. There were no corrections to the Minutes as published.

5- CUE'S Treasurer and Membership Chair, John Fair reported as follows:

a. Treasury-a couple of routine bills were paid. The Balance in the Checking Account is \$3,214.11.

b. Membership-There are 78 Members and 8 Associate Members. No new Members in the past month.

Note: John mentioned CUE'S Annual Dues are due in August. When paying, by check, include your cell number for our records and future use. As in the past, one may pay at the Annual Picnic in September.

Motions were made to approve the Treasurer's and Membership Chair Reports-Motions approved.

6- Special Interest Groups, Newsletter, Historian, and Webmaster Reports:

a. Genealogy-Sue Mueller reported. Two Amy Johnson Crow videos were shown offering tips when searching the 1950 Census.

b. Smartphones and Tablets-John Fair reported helping a member set up filing in their Smartphone.

c. Newsletter- Don Grim reported things are fine and encouraged members to submit an article or question to him for researching and publication.

7- Unfinished Business:

a. The Board will meet prior to the August 2022 General Membership Meeting.

b. Details for the upcoming Annual Picnic, 9/15/2022, will be covered at the next meeting.

8- New Business:

a. No new items were brought up for consideration.

9- Ideas for presentations at a General Meeting or for the good of CUE:

a. August 2022- Encryption Software.

b. October or November 2022- Using downloaded, free, software programs for filing Income Taxes, such as TurboTax, H&R Block or other offerings.

c. Open for suggestions.

10- Motions were made and the meeting was adjourned at 7:25 pm. John Fair was the presenter for the evening, showing a video on Storing Digital Photos. APCUG speaker Mark Schulman covered the topic in depth.

Minutes submitted by Conrad J. Sobczak.

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.

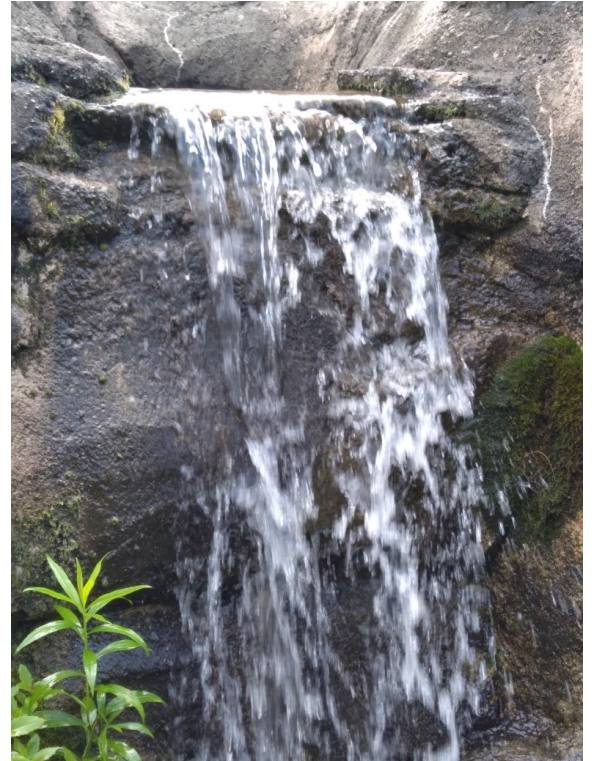
Remember that you can find recent news at the CUE website (cuerie.com). At times,

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

Fuchsias Say: Erie Zoo is Wild!



PLEASE PRINT

**COMPUTER USERS OF ERIE
MEMBERSHIP APPLICATION**

Today's Date _____

Last Name	First Name
Address	
City, State	Zip
Home Phone	Cell Phone
Your Email	

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	Conrad Sobczak	cjsob16511@hotmail.com	814-899-9699
Vice President	Paul Francis	pdfflyer@roadrunner.com	814-882-1175
Secretary	Susan Mueller	suepasta@roadrunner.com	814-622-1262
Treasurer	John Fair	johncfair@gmail.com	814-474-3055

At-Large Board

Lawrence Brown	larrybrown0191@icloud.com	814-323-1067
Don Grim	grimcyber@yahoo.com	814-461-8289
Marcia Keller	dekmak43@gmail.com	814-449-4682
Hal Kelley	hal_kelley@outlook.com	814-836-1803
Suzanne Matthews	pdxmatthews@aol.com	814-790-4185

Alternate At-Large Board

Lou Cioccio	lcioccio@mac.com	814-868-1320
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Special Interest Groups

Beginner's (BUG)	Lou Cioccio	lcioccio@mac.com	814-868-1320
Digital Photo	Lou Cioccio	lcioccio@mac.com	814-868-1320
Genealogy	Susan Mueller	suepasta@roadrunner.com	814-622-1262
MAC	Lou Cioccio	lcioccio@mac.com	814-868-1320
Smartphone & Tablet	John Fair	johncfair@gmail.com	814-474-3055
Windows	Lou Cioccio	lcioccio@mac.com	814-868-1320

Other Resources:

CUE Historian	Tom Kuklinski	tkuklinski@gmail.com	814-746-9165
Editor	Don Grim	grimcyber@yahoo.com	814-461-8289
Membership Chair	John Fair	johncfair@gmail.com	814-474-3055
Webmaster	Tom Kuklinski	tkuklinski@gmail.com	814-746-9165

CUE Disclaimer

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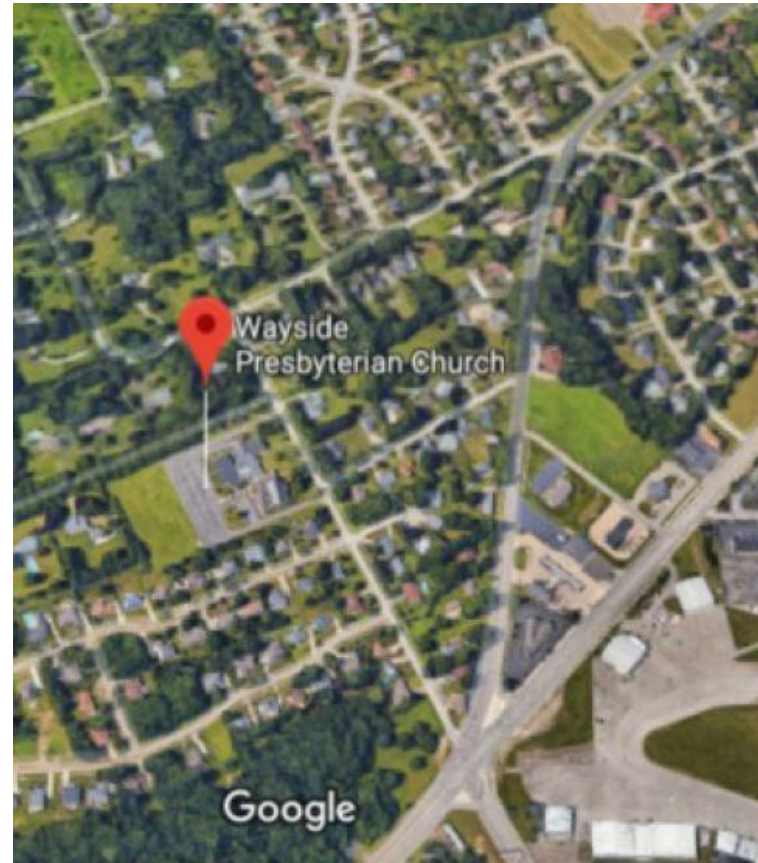
Directions to Wayside Presbyterian Church for CUE Meetings

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. Editor Email to: 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

Computer Users of Erie
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