



Official Newsletter of the Central Kentucky Computer Society, Inc.©
CKCS Resource Center, 160 Moore Drive, Suite 107, Lexington, Ky. 40503
(859) 373-1000 • ckcs.org

October 2019

• Since 1984, Empowering CKCS Members With Tech Skills •

Ky. Mesonet: A Hidden Treasure of Weather Data



By Brooke Thomas

If you watch channel 18 weather reports, you are familiar with the meteorologists saying “According to

Kentucky Mesonet,” as they talk about weather-related statistics. Kentucky Mesonet is a network of automated and climate monitoring



New Look For Fall

We’re making some changes to the CKCS newsletter that we hope you’ll enjoy. These should make the newsletter more eye-appealing, a bit easier to read, but still filled with great information.

A big “thank you” to former long-time editor Jerry Heaton and interim newsletter editor Larry Trivette.

Without their efforts, this newsletter wouldn’t be around. Thank you for your hard work!

Kurt Jefferson, editor



Continued on page 2: Mesonet

Mesonet (from page 1)

stations developed by the Kentucky Climate Center at Western Kentucky University.

It's designed to serve diverse needs in communities across the Commonwealth of Kentucky.

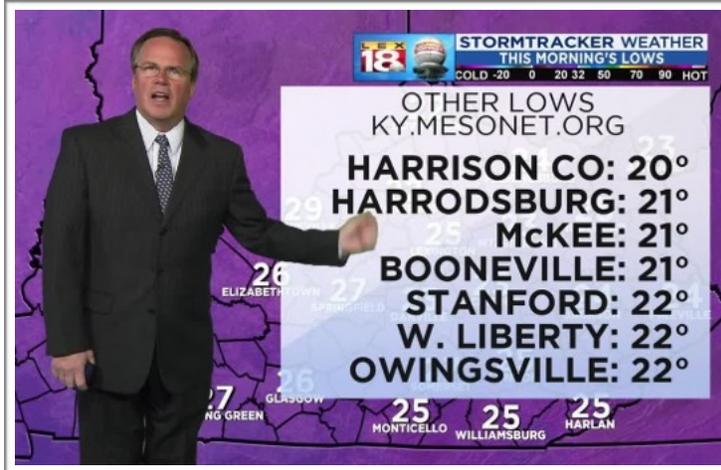
Each of the 72 stations record over 25 weather variables every 5-minutes around the clock – meaning over half a million data points are collected and processed every day.

Patrick Collins will be our presenter at Tech Night in October. He is a graduate of the University of South Alabama in Meteorology.

After graduating, he served as a technician for the Center for Hurricane Intensity and Landfall Investigation/South Alabama Mesonet before joining the Kentucky Mesonet in 2015.

He has specialized in datalogger programming and new sensor research. He is making a special trip from Bowling Green to be with us at Tech Night this month.

He will be talking about Mesonet's history as well as the technology



WLEX-TV meteorologist, Bill Meck, uses the Ky. Mesonet network data to show overnight lows for some spots in the station's viewing area.



Patrick Collins in the field. He'll be the CKCS Tech Night presenter in October.

Continued on page 3: Mesonet

• Your View •

What's your all-time favorite computer/device operating system?

How many of these operating systems have you used?

- DOS
- Windows
- Windows Phone
- Mac OS
- iOS
- Linux
- UNIX
- Android
- OS/2
- NeXTSTEP
- BeOS
- FreeBSD
- Palm OS
- Newton OS
- Amiga OS
- Novell Netware
- AIX
- Solaris

We'd like to hear your story. Miss Windows 95? How about DOS? Or do you long for Mac System 7 from the early 1990's?

Send a short email to: newsletter@ckcs.org

Let us know if we may use your comments in a future CKCS newsletter.

Thanks!

Mesonet (from page 2)

that enables them to handle this much data.

The citizens of Kentucky currently benefit from the network through direct access to data on the official Mesonet website, through data use by broadcasters during regular newscasts several times each day or times of inclement weather, and through National Weather Service use of data in their official forecast, advisory, and warning products.

Agriculture is an important part of Kentucky's economy and meteorological data are critical to farmers and growers in their day-to-day decision making.

The data are being used in research and used in K-12 education outreach activities.

The network's website provides freely accessible lesson plans for educators.

Join us for an interesting and informative Tech Night.

As usual, please feel free to invite friends and neighbors for this evening's presentation.



This screenshot shows what is available right on your phone or tablet. Notice this was accessed at 12:44 p.m. and the information is from 12:40 p.m. The app is available for Android and Apple smartphones.

KENTUCKY MESONET | WKU

September Tech Night was a Great Start to Building a Family Tree



If you had attended September's Tech Night at CKCS, you would have walked away with more family tree information than you thought possible from presenter Johnna Waldon. She provided a large amount of help on how to begin investigating your family's roots.

By Brooke Thomas

Johnna Waldon, Assistant Branch Manager at the Lexington Public Library and President of the Kentucky Genealogical Society, gave Tech Night participants a wealth of information about how to research their family's roots during her 90 minute presentation.

Some of her opening suggestions were to find a great how-to book, attend lectures in person or online, and join the genealogical society in the area you are researching.

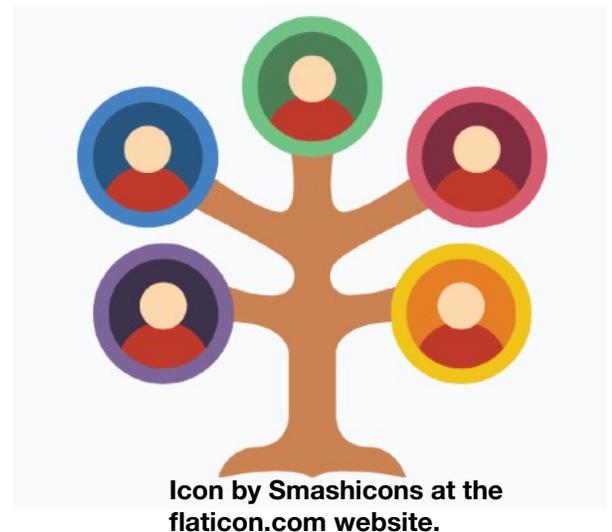
One great tip is to tell your family and family friends that you are doing this research. There could be a gold mine of information in their attic!

Among the several topics she covered were genealogical standard of proof, basic rules of record keeping and documenting sources, and building your family tree with various software programs.

She went into where to find records, different genealogy databases, websites, published sources and vital records. Two of her handouts, *Genealogical Websites* and *Home Sources* are included in this newsletter.

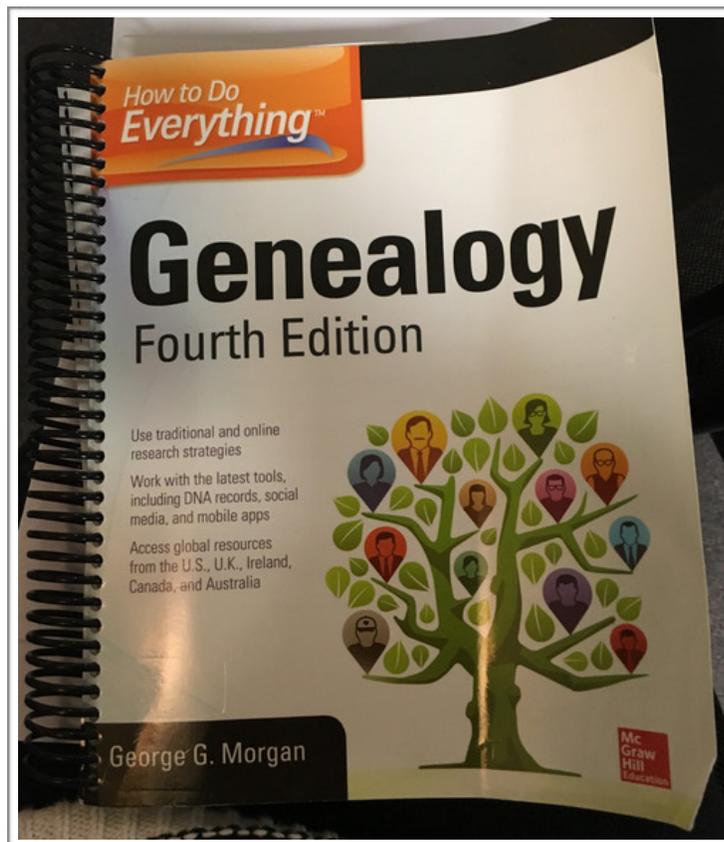
This was a great beginning genealogical presentation. A great take away point was start your research with you and what you have at home and then work backwards.

Talk with your family **now** before the family history is lost.



Genealogy, Fourth Edition, by George G. Morgan is the book that Johnna Waldon brought to September's Tech Night as a "help" guide to start digging into one's family tree.

The book is part of the "How to Do Everything" series and Amazon customers rate it highly with four-and-a-half stars. The Amazon site says the book, "uniquely addresses all the major genealogical record types and explains traditional and digital research strategies."



"Must Have" Genealogy Websites by Johnna Waldon (Page One)	
Cyndi's List	www.cyndislist.com/
Facebook	www.facebook.com
Google	www.google.com
Ancestry (\$)	Lexington Public Library or home subscription
Find My Past (\$)	www.findmypast.com
Family Search	www.familysearch.org
Fold3 (\$)	www.fold3.com
Heritage Quest	Lexington Public Library
USGenWeb	http://usgenweb.org
Kentucky Digital Library	http://kdl.kyvl.org
FindaGrave	www.findagrave.com
BillionsGrave	http://billiongraves.com/
Interment	www.interment.com
Nationwide Cemetery Admin.	https://www.cem.va.gov/
Archaic Medical Terms (English)	www.archaicmedicalterms.com

(\$) Means these websites charge for access to their data. You need to create an account to log onto their websites.

The Lexington Public Library provides free access to the ancestry.com library edition. This is available ONLY to customers inside the Lexington Public Library locations.

The ancestry.com library edition will allow you to search more than 7,000 databases for census data, immigration records, family histories, military records, court and legal documents and more.

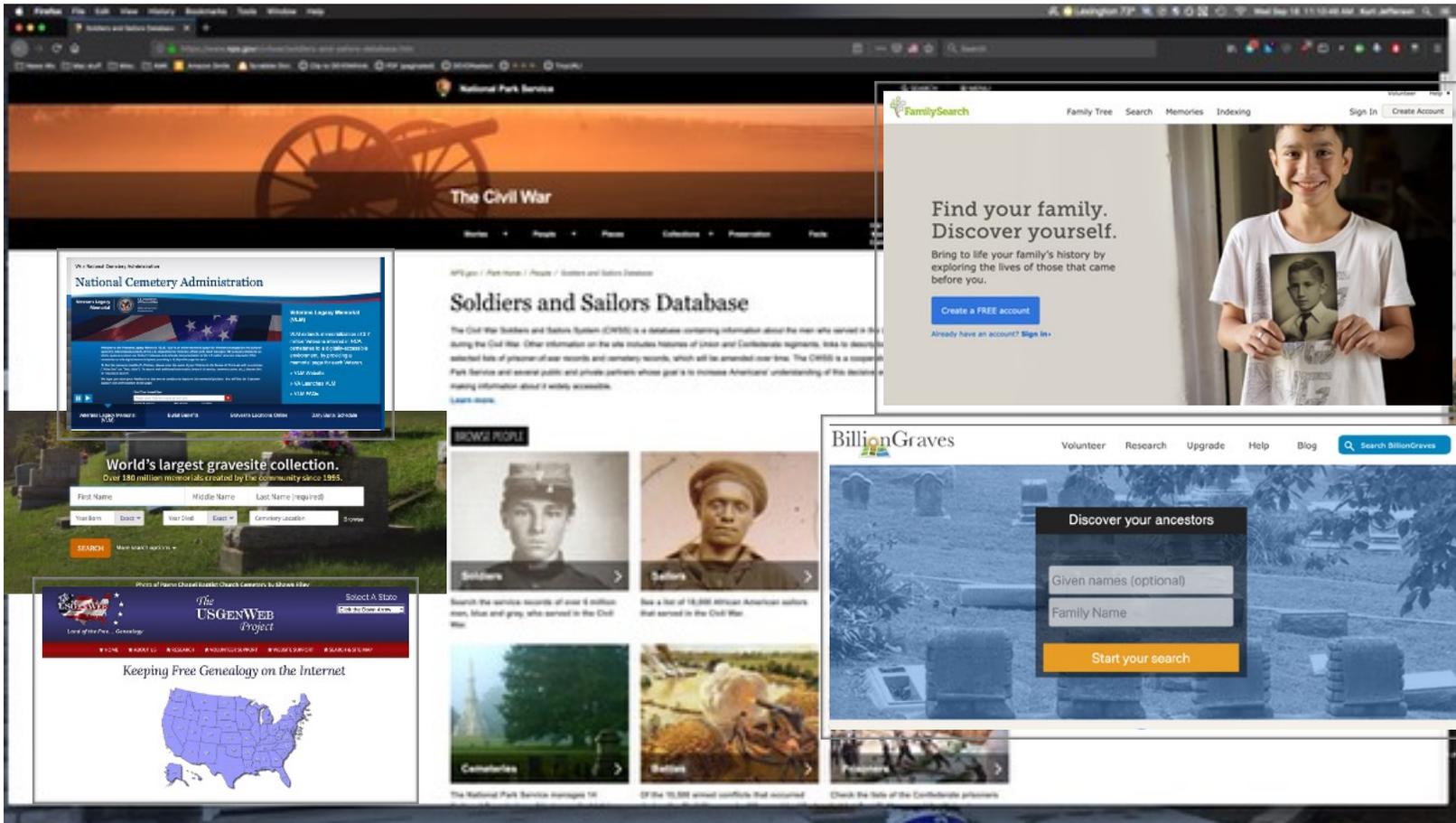
“Must Have” Genealogy Websites by Johnna Waldon (Page 2)

Soldiers & Sailors System	www.nps.gov/civilwar/soldiers-and-sailors-database.htm
Online Military Indexes & Records	www.militaryindexes.com
Daughters of the American Revolution	www.dar.org
Sons of the American Revolution	www.sar.org
Bureau of Land Management	http://glorerecords.blm.gov
Kentucky Land Records	www.sos.ky.gov/admin/land/Pages/default.aspx
Ellis Island	www.ellisland.org
Castle Garden Immigration Center	www.castlegarden.org/index.php
Newsbank	Lexington Public Library database
Chronicling America	www.chroniclingamerica.loc.gov
Newspaper Archives (\$)	www.newspaperarchive.com
Newspapers (\$)	www.newspapers.com
Behind the Name	www.behindthename.com
Lexington Public Library	www.lexpublib.org
Allen County Public Library	http://www.acpl.lib.in.us/
Cincinnati Public Library	www.cincinnati.library.org/main/genlocal.htm
Mid-Continent Genealogy Center	http://www.mymcpl.org/genealogy
World Cat	www.worldcat.org
Library of Congress	www.loc.gov/rr/genealogy
Kenton County Library	www.kentonlibrary.org/genealogy
New York Public Library Digital Gallery	digitalgallery.nypl.org/nypldigital/index.cfm
Library of Congress Memory Program	http://memory.loc.gov/ammem/index.html
Illinois Genealogical Society	www.ilgensoc.org
Legacy Webinars	www.familytreewebinars.com
Eastman's Online Genealogy	www.blog.eogn.com
GeneaBloggers	www.geneabloggers.com
GeneaWebinars	www.blog.geneawebinars.com
Monday's with Myrtle	http://blog.dearmyrtle.com/p/mondays-with-myrt.html
You <u>tube.com</u>	Search for genealogy and the topic; BYU Family History Library Channel; The Barefoot Genealogist Channel; Family History Fanatics Channel

“Must Have” Genealogy Websites by Johnna Waldon (Page 3)

Elizabeth Shown Mills	http://historicpathways.com/researchreports.html
Hereditary Society Community	www.hereditry.us/about_hsc.htm
Funeral Homes Legacy	In the area where you're searching: http://www.legacy.com/ns/

**The Lexington Public Library provides even more genealogy resources through its Kentucky Room, located on the third floor of the Central Library, downtown:
<https://www.lexpublib.org/kyroom>**



Screen grabs from six of the websites cited by Johnna Waldon in her list of “must have” genealogy websites.

A Personal Connection

The checklist below, provided by Johnna Waldon during her September Tech Night presentation, contains items that your ancestor or ancestors might have kept – just waiting for you to discover in your quest to learn about your own family tree.

Home Sources

One the best places to start your research is what look for what you might have a home or in the homes of your family. This is a list of items that will help you to make connections or add “flesh” to your ancestors.

PERSONAL WRITINGS

- Journal
- Diary
- Oral Histories
- Biography
- Letters
- Photographs
- Autograph Albums
- Wedding Book
- Scrapbooks
- Funeral Books
- Guest Books
- Travel Logs

MILITARY RECORDS

- Military Service Records
- Pension Files
- Disability Files
- Discharge Papers
- Separation Papers
- National Guard
- Selective Service
- Bounty Awards
- Service Medals
- Firearms
- Uniforms
- Citations
- Rosters

MEMBERSHIP RECORDS

- Membership Cards
- Publications
- Programs
- Uniforms
- Awards

CITIZENSHIP PAPERS

- Naturalization
- Alien Registrations
- Deportment

- Passports
- Visa
- Vaccination

CERTIFICATES

- Birth
- Marriage
- Death
- Divorce
- Adoption
- Graduation
- Christening
- Baptism
- Confirmation
- Ordination
- Ministry
- Membership
- Apprenticeship

LEGAL PAPERS

- Wills
- Deeds
- Land Grants
- Mortgages
- Leases
- Bonds
- Loans
- Contracts
- Summons
- Tax Papers
- Guardianship
- Adoption Papers

HEALTH RECORDS

- X-Rays
- Insurance
- Hospital Records
- Medical Records
- Immunization Records

NEWSPAPER

- Birth
- Marriage
- Obituary
- Human Interest
- Crime

FAMILY RECORDS

- Bibles
- Genealogies
- County Histories
- Letters
- Postcards
- Family Letters

ANNOUNCEMENTS

- Births
- Engagement
- Wedding
- Graduations
- Death
- Divorces
- Anniversary
- Moving
- New Home
- Employment

SCHOOL RECORDS

- Report Cards
- Yearbooks
- Awards
- Diplomas
- Alumni List
- Club membership

LICENSES

- Drivers
- Motor Vehicle Registration
- Business
- Occupation
- Professional
- Hunting

EMPLOYMENT RECORDS

- Apprenticeship
- Graduation
- Awards
- Severance Papers
- Social Security
- Retirement Papers
- Pension
- IRA
- Union
- Income

FINANCIAL RECORDS

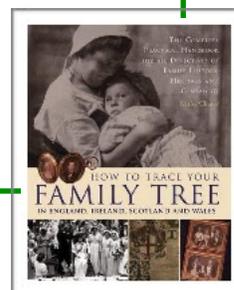
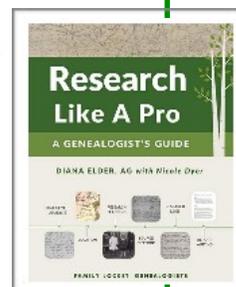
- Accounts
- Receipts
- Bills
- Check Stubs
- Estate Records

HOUSEHOLD ITEMS

- Silverware
- Dishes
- Needlework
- Quilts
- Insignias
- Plaques
- Engraved Jewelry

More Genealogy Books

-
- *Research Like a Pro: A Genealogist's Guide*
by Diana Elder
- *The Family Tree Toolkit: A Comprehensive Guide to Uncovering Your Ancestry & Researching Genealogy*
by Kenyatta D. Berry
- *Unofficial Guide to ancestry.com: How to Find your Family History on the #1 Genealogy Website*
by Nancy Hendrickson
- *The Family Tree Guide to DNA Testing and Genetic Genealogy*
by Blaine T. Bettinger
- *How to Trace Your Family Tree in England, Ireland, Scotland and Wales: The Complete Practical Handbook for all Detectives of Family History, Heritage and Genealogy*
by Kathy Chater



President's Comments

By Brooke Thomas
president@ckcs.org

Fall is here, even though the temperature says otherwise



Brooke Thomas

next three months.

Many of the classes are filled, but if you are interested in any of them, please call to check availability. You can also get your name on the waiting list and if there is a cancellation we will give you a call.

There are many other interesting programs on tap this month. Be sure to check out Tech Night's presentation on Mesonet.

The Digital Photography SIG is having a very interesting presentation called "Layers, Layers and more Layers."

The Mac and iPad SIG starts back this month after being off this summer.

Unfortunately, the Windows SIG will be on hiatus for September and October while Mike is traveling.

You can tell it's Fall at CKCS because many of the Fall classes have begun.

The beginning dates of the classes and workshops are scattered during the

CKCS members have other volunteer interests

In past issues I've mentioned how the members of the CKCS Board wear many hats within the organization.

But what is also true is that many of our members not only volunteer at CKCS, but they volunteer with other organizations.

Many times these volunteer activities become collaborative efforts.

One of these efforts is being spearheaded by Janet Cartmell. She is on the CKCS Board of Directors and is our Class Coordinator. She also collects bottle caps for the Bell House's Bottle Caps to a Bench Project.



Janet Cartmell

Continued on page 11: President's Message

President's Message

There is a donation box at CKCS on the file cabinet next to the front desk where members can bring in their bottle caps for this project.

She has been doing this for awhile and the bottle caps that CKCS members have donated have already helped build the first bench for the Bell House Project.

If you would like to help with this project bring in your bottle caps and Janet will get them to the Bell House.

The types of plastic caps that can be used are the following:

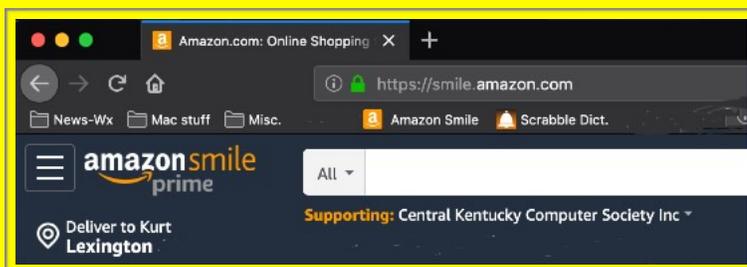
- Snap on lid to butter tubs
- Coffee cans, and yogurt lids
- Small twist on tops to medicine, drink bottles and milk
- Large twist-on for detergents, mayonnaise, peanut butter and squirt and flip top from condiments.

Stay tuned as we will be showcasing some of our other projects in future newsletters.

Computer Factoids You May Not Know

- HP began in a garage in Palo Alto in 1939
- Out of 1.8 billion Internet users, only 450 million can speak English
- A normal human being blinks 20 times a minute, whereas the average computer user blinks only seven times a minute
- There are more Internet users per capita in Sweden than any other country
- The Web browser that popularized the Web was Mosaic – introduced in 1993. Mosaic ran on Windows, Macintosh, and UNIX. It was developed at the University of Illinois at Urbana–Champaign.
- symbolics.com was the first ever domain name to be registered
- Interface Manager. Yep. That was the original name for Microsoft Windows

Choose to Smile, Instead!



Plenty of CKCS members and readers of this newsletter buy items from [amazon.com](https://www.amazon.com).

Instead of visiting Amazon, they can make a difference by visiting smile.amazon.com

By visiting that website, Amazon will donate a portion of the money you spend to your favorite non-profit.

Under the Amazon search blank, choose Central Kentucky Computer Society and you'll be helping out CKCS.

It's that simple.

But you have to remember to visit smile.amazon.com rather than Amazon!

CKCS Memberships: New Members and Renewing Members

Submitted by CKCS Board Member,
Ben Rice (ben.rice@ckcs.org)

This update is from Aug. 22–Sept. 22, 2019.

New Members (Welcome to CKCS!)

- Karen Drake
- Kay R. Hensley

Renewing Members (Thank you!)

- Alan Larson
- Joseph P. Bark, M.D.
- Susan S. Beard
- Herman B. Butler
- Sam D. Carneal
- Stuart A. Cooke
- James B. Dingus
- Frankie Harvener
- Carolyn L. Holmes
- Kurt Jefferson
- Arleigh Kerr
- Nancy N. Lawrence
- Robert McCarty
- Marcia S. Miller
- Chester J. Myers
- Mark H. & Sandra S. Neville
- James G. & Helen H. Pope
- Jerry D. Truitt

Thank you for your support.

Central Kentucky Computer Society Incorporated

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Tenure ends June 30, 2020

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Tenure ends June 30, 2020

Boone Baldwin
Toni Greider
Jan Landers–Lyman
Ben Rice
Mike Seiler

Tenure ends June 30, 2021

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Janet Cartmell
Larry Mitchum
Eugene Potter
Pennie Redmond

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Class Coordinator Janet Cartmell

Office Coordinator Jan Landers–Lyman

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Marie Han, Nita Martin, Toni Greider, John Plumlee,
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Toni Greider, Mike Seiler, Kurt Jefferson

Refreshment Center Jim Hughes



Ars Tech Reviews Hit the Spot

If you own an Apple mobile device and want to learn more about iOS 13 (the just–released operating system for these devices), then dig into the website Ars Technica.

Yes, the name conjures up some maneuver you might have to perform if you're in a space capsule hurling toward some distant planet. But Ars Technica is good stuff. Time and time again, I've read the site and come away with a new appreciation of operating systems for the Mac, Windows, UNIX, and others.

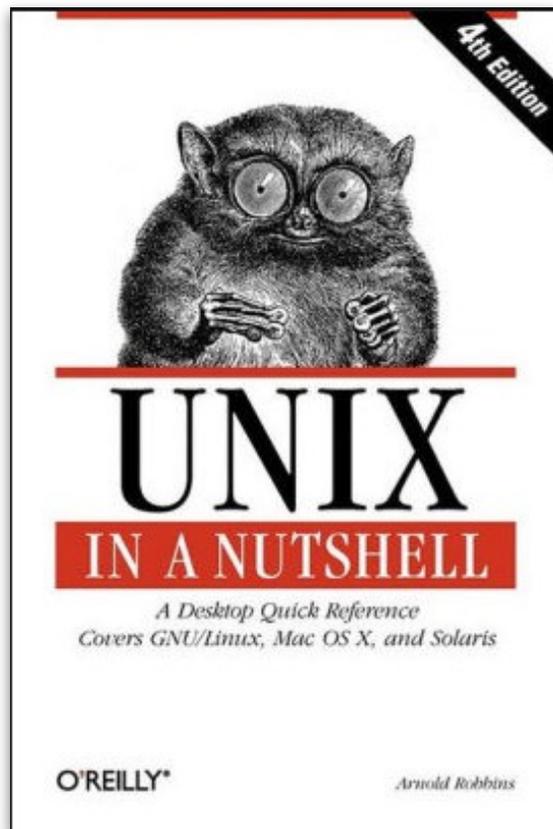
Here are links where you can read more from Ars Technica:

- [iOS 13](#)
- [Windows 10](#)
- [macOS Mojave](#)
- [Mint 18 \(Linux\)](#)



You're Using An Operating System You May Not Even Know About: UNIX

By Kurt Jefferson



The next time you power on your iPad, iPhone, or even your Mac computer, think about this: a very powerful operating system born 50 years ago is at the root of iOS and macOS. Both operating systems are based on UNIX.

When you flip on your Android phone, you are using an operating system based on Linux — written by a college student in the early 90's. Linux is a cousin to UNIX.

In fact, CKCS has a SIG (special interest group) devoted to UNIX and Linux meeting the fourth Thursday of the month and headed by Lewis Gardner.

Ars Technica has published a [fascinating article about UNIX](#) written by Richard Jensen. It tells how this powerful computer operating system was born “from an ambitious project that involved titans like Bell Labs, GE, and MIT.”

How did UNIX end up being at the core of Apple products and Android phones relying on Linux?

“By the late 1970's, a copy of the operating system found its way out to the University of California at Berkeley, and in the early 1980's, programmers there adopted it to run on PCs. Their version of UNIX, the Berkeley Software Distribution (BSD), was picked up by the developers of NEXT, the company Steve Jobs founded after leaving Apple in 1985. When Apple purchased NEXT in 1996, BSD became the starting point for OS X (the former Mac operating system) and iOS (the operating system powering iPhones, iPads and the iPod touch),” writes Jensen.

“...A very powerful operating system born 50 years ago is the root of iOS and macOS...When you flip on your Android phone, you are using an operating system based on Linux...”

In addition, in 1991, a college student in Finland, Linus Torvalds, wrote a kernel for an operating system that would run on PCs. Eventually, that software became known as Linux, and it would become the foundation of a new operating system in 2004 called Android, which is on more cell phones than any other in the world.

A Rough Winter Coming to Central Kentucky or Not? Predictions Galore on the Web

By Kurt Jefferson



As I gaze into the crystal ball, I see...um, sort of a cloudy forecast. Actually, I see plenty of winter forecasts for central Kentucky.

The Internet is the modern crystal ball

in the 21st century for what NOAA (the folks who run the National Weather Service) calls its Long-Range Forecast.

While weather prediction has improved considerably in the past few decades, forecasting is still an indefinite science. In other words, a weather prediction might be “spot on” as the Brits say, or it might totally miss the mark.

With that in mind, the folks at NOAA are predicting equal chances of a warmer or colder than normal January, February and March.

NOAA also predicts equal chances of a wetter or drier than normal winter.

The Old Farmer’s Almanac provides long-term forecasts and has been doing so for many years.

That publication predicts slightly above normal temperatures and precipitation for the Ohio Valley, except for November which is predicted to be cooler than normal.

But January’s high temperatures are expected to be much warmer than normal. March is expected to be quite wet.

Meanwhile, the folks at The Weather Company (founded in 1982 as The Weather Channel and operator of The Weather Underground, Intellicast, and weather.com) predict near normal temperatures or slightly colder than normal conditions for central Kentucky from October–December.

Don’t go to Las Vegas just yet and bet money on this forecast.

The Weather Company says, “The certainty in this forecast is lower than usual due to factors like the remnant El Niño and increasing water temperatures in the North Pacific, which would favor cooler weather, and climate models that continue to signal a warmer than average winter for much of the United States.”

NOAA Long-Term Forecast for Kentucky

Jan. – March 2020: Equal chances of a warmer or colder than normal period.

The Old Farmer’s Almanac Winter Forecast for Kentucky

Slightly above normal temperatures and precipitation, except for a cooler than normal November 2019.

The Weather Company Long-Range Forecast for Kentucky

Near normal temperatures or slightly colder than normal conditions from October – December 2019.



Continued on page 16: Winter

Winter

Here are 20 signs that a rough winter is coming (or not), according to folklore (and the Internet):

- Thicker-Than-Normal Corn Husks.
- Woodpeckers Sharing a Tree.
- The Early Arrival of the Snowy owl.
- The Early Departure of Geese and Ducks.
- The Early Migration of the Monarch butterfly.
- Thick Hair on the Nape of a Cow's Neck.
- Heavy and Numerous Fogs During August.
- Raccoons With Thick Tails and Bright Bands.
- Mice Chewing Furiously To Get Into Your Home.
- The Early Arrival of Crickets on the Hearth.
- Spiders Spinning Larger-Than-Usual Webs and Entering the House in Great Numbers.
- Pigs Gathering Sticks.
- Ants Marching in a Line Rather Than Meandering.
- Early Seclusion of Bees Within the Hive.
- Unusual Abundance of Acorns.
- Muskrats Burrowing Holes High on the River Bank.
- "See how high the hornet's nest, 'twill tell how high the snow will rest."
- The Size of the Orange Band on the Woollybear (or Woollyworm) Caterpillar.
- Squirrels Gathering Nuts Early to Fortify Against a Hard Winter.
- Frequent Halos or Rings Around the Sun or Moon Forecasts Numerous Snowfalls.



Tech Stories You May Have Missed

• Windows 10 is Now On Most PCs — As Users Ditch Windows 7

[TechRadar reports](#) that Windows 10 is now on more than 50% of all the PCs in use while Windows 7 is still installed on around 30% of Windows machines. Microsoft says Windows 10 has now been installed on more than 800-million devices worldwide.

• Apple Will Offer Independent Repair Shops Genuine iPhone Training, Parts, & Tools

The company [announces a new Independent Repair Program](#) that will allow iPhone users to get their phones repaired at independent repair shops, regardless of size. TidBits reports these repair shops will get the same genuine tools, parts, repair manuals, diagnostics, and training to repair iPhones as Apple Stores.

• Cable TV & Satellite Customers Cut the Cord in Record Numbers

In late spring and early summer this year, [more than one million customers](#) terminated their cable and satellite TV service. Reports show that Charter (operates Spectrum Cable), Comcast (the largest cable TV company in the U.S.), and AT&T (owner of DirecTV) lost 1.25 million subscribers during this time period. That's about 1.1 million more customers lost than during the same time last year. Satellite TV operator Dish Network lost 31,000 subscribers during April, May and June of this year.

‘Joker’ Malware infects two–dozen Android apps

Android phone and tablet users should uninstall 24 apps infected with malware known as “Joker.” A LifeHacker [article](#) points out that the malware will quietly register users for subscription services they didn’t request.

Google has removed the infected apps from its Google Play store, but the article says more than 472,000 downloads occurred before Google pulled the plug.

“If you have nay of these apps installed on your Android phone or tablet—or, worse, you actively use them—it’s time to delete them ASAP...,” writes David Murphy.

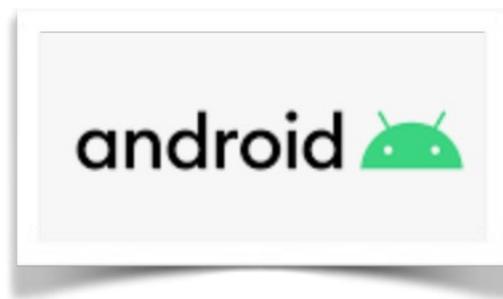
The apps include:

- Advocate Wallpaper
- Age Face
- Altar Message Antivirus Security – Security Scan
- Beach Camera
- Board picture editing
- Certain Wallpaper
- Climate SMS
- Collate Face Scanner
- Cute Camera

- Dazzle Wallpaper
- Declare Message
- Display Camera
- Great VPN
- Humour Camera
- Ignite Clean
- Leaf Face Scanner
- Mini Camera
- Print Plant scan
- Rapid Face Scanner
- Reward Clean
- Ruddy SMS
- Soby Camera
- Spark Wallpaper

If you have used any of these apps, Murphy notes that you should check your Google Play account for any unexpected subscriptions.

In addition, check your credit card or bank statements going back to June of this year. That’s when the Joker malware infected its latest batch of apps on the Android platform.



Just Released: New iPhones, iPads and Apple Watch 5

iPhones

“Which new iPhone should I get?” and “Should I upgrade” seem to be the questions a lot of iPhone users are asking about now. Since Apple has just upgraded its most popular product (the iPhone), those are good questions to ask.

I like The Wirecutter’s [response](#): “...The best iPhone for most people remains the one you already have, if it still works well enough.” In other words, why buy if your current iPhone works satisfactorily.

There are three new iPhones:

- **iPhone 11**
(starting price is \$700)
- **iPhone 11 Pro**
(starting price is \$1,000)
- **iPhone Max**
(starting price is \$1,100)

Surprise: Apple surprised the crowd by announcing it will give away one year of Apple TV+ for anyone buying a new iPhone, iPad, Mac or Apple TV.

iPads

The new 7th-generation entry-level iPad sports a bigger display — moving from 9.7 inches to a 10.2-inch Retina display.

[Macworld notes](#), “Apple packed in the A10 Fusion chip, which is quite powerful for a relatively inexpensive iPad.” Apple keeps the price the same – an entry-level 32GB iPad sells for \$329 – that drops to \$299 for students since they get Apple’s education discount. An iPad with WiFi and cellular service starts at \$459.

Apple Watch 5 The biggest change in the Series 5 watch

might be that it has an always-on Retina display so you don’t have to touch it to display the screen. It has much more storage (32GB) over previous models and comes with a built-in compass. Starting price is \$399.



Star of the Apple Event? Quite possibly, the Apple Watch 5

Some experts who follow Apple announcements believe the new Apple Watch stole the show when the company recently announced new products.

[Jason Snell writes for Tom’s Guide](#): “It’s worth pointing out that there’s no way Apple could entertain leaving the Apple Watch display on all the time if it hadn’t made enormous strides in battery life over the past four-and-a-half years.

Smartwatch sales are very hot right now. In the first three months of 2019, sales climbed by 48 percent over the same time last year. The Apple Watch is given a lot of credit for that: One out of three smartwatches shipped is an Apple Watch.

I just checked Amazon’s website for its best-selling smartwatches and the Apple Watch Series 3 claims the top 3 spots.

Updated Operating System For Apple Mobile Devices

New iPad Update Now Known As “iPadOS”



If you own an Apple iPhone, iPad or iPod touch introduced within the past few years, you should be able to update to iOS 13.1.

The features vary a bit since all of the devices are a bit different. But the biggest change may have come to Apple’s iconic tablet. Now called iPadOS, the update for the iPad brings major changes as Macworld notes in an [article about the update](#).

Macworld cites numerous iPadOS updates including:

- Dark Mode
- Customize widgets on your home screen
- Try out an external drive
- Make some folders in the Files app
- Safari now tells websites you’re visiting that it’s a Mac. This means you’ll always get the desktop version of a website.
- Open two Split View windows from the same app
- Try out the new Slide Over Interface



iPadOS 13.1

Apple Inc.

2.04 GB

iPadOS, the powerful operating system with a new name to recognize the distinctive experience of iPad. iPadOS builds on the same foundation as iOS, adding powerful new capabilities and intuitive features specific to the large display and versatility of iPad. This update features new ways to work with multiple apps, presents more information at a glance on a redesigned Home screen, makes using Apple Pencil feel even more responsive along with a new way to instantly mark up anything, provides a dramatic new Dark Mode, allows a simple way to sign in to websites that protects your privacy, and gives new tools to edit and view your photos. iPadOS is faster and more responsive with optimizations across the system.

For information on the security content of Apple software updates, please visit this website:

<https://support.apple.com/kb/HT201222>

What about the iPhone? The tech website, The Verge, says iOS 13 [provides much better performance](#) – especially on older iPhones. The article tells about the new swiping keyboard, dark mode, reminders, updates to Apple Mail, Notes and Safari, Apple Maps, your privacy, iMessage Picture Profiles, New photo and video editing tools, and more.

What about the Mac? To quote [Macworld](#), “Apple has officially announced that macOS Catalina is coming in October, but hasn’t given a specific date.” We do know that Apple is known to provide operating system updates around 1 P.M. (Eastern Time) on Tuesday afternoons (It’s 10 A.M. Pacific Time in Cupertino where Apple is located. So the best bet for the newest Mac operating system? Later this month. As they say, stay tuned.

Central Kentucky Computer Society

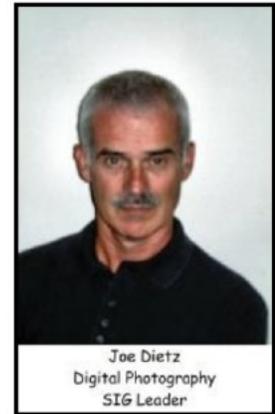
Digital Photography Special Interest Group

7 PM - Tuesday, October 22, 2019

Layers, Layers and More Layers

Each month I get lots of questions about using layers in various programs such as Corel PaintShop Pro, Adobe Photo Shop Elements, Word, etc. So, let's have a SIG session on Layers.

After this meeting I hope that you will have a good understanding how to use layers to combine images for example in a collage, how to add someone to a picture, how to arrange and move layers. Using layers is a great way to add to your images, to create brochures and flyers for your local group and lots more.



2 Layers



4 Layers



10 layers



31 Layers



This month's photo contest topic is "**Reflections**". Get out, snap some good reflections in the rain or sun or reflect on the ways things used to be! Submit your photos to joedietz@aol.com no later than October 21, 2019.



Hope to see you there. Bring a friend.

Digital Photography SIG Monthly Photo Contest
September Topic: Tree or Trees



First Place Winner: Arleigh Kerr



First Place Winner: Arleigh Kerr

Second Place Winner: Kevin MacNaughton



Second Place Winner: Kevin MacNaughton

Third Place Winners: (Tie)



Dick Beverino



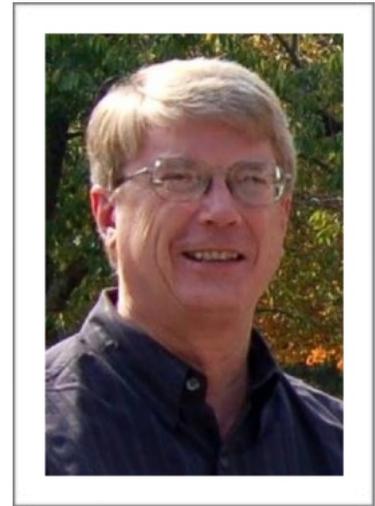
Ward Ransdale

October 2019 CKCS SIG Schedule

Larry Trivette prepared the SIG calendar. Print this page for your refrigerator or bulletin board.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30 Sep	1 Oct	2 Oct	3 Oct	4 Oct	5 Oct
			9 a.m. Photography Chat		10 a.m. Dr. Fixit, iHelp & Android Help Bring in your problem PC, Mac, iPhone, iPad, or Android device and we'll try to help
			7 p.m. Board of Directors Meeting		
7 Oct	8 Oct	9 Oct	10 Oct	11 Oct	12 Oct
	7 p.m. Windows 10 MIKE SEILER No Meeting this Month		9 a.m. Photography Chat		
			7 p.m. Mac & iPad KURT JEFFERSON		
14 Oct	15 Oct	16 Oct	17 Oct	18 Oct	19 Oct
Columbus Day 7 p.m. Tech Night KY Mesonet: A Hidden Treasure of Weather Data			9 a.m. Photography Chat		
			7 p.m. Access Database STUART ZAHALKA		
21 Oct	22 Oct	23 Oct	24 Oct	25 Oct	26 Oct
	7 p.m. Digital Photography JOE DIETZ		9 a.m. Photography Chat		
			7 p.m. Unix/Linux LEWIS GARDNER		
28 Oct	29 Oct	30 Oct	31 Oct	1 Nov	2 Nov
7 p.m. FoxPro Database GARLAND SMITH			Halloween 9 a.m. Photography Chat		

Windows Special Interest Group



Mike Sieler will NOT be holding his Windows 10 SIG in October.

Mike's message:

I have decided to take off the next two months. (i.e. There will not be a Windows 10 SIG meeting in September nor October.) Therefore, the next Windows 10 SIG will be November 12, 2019.

Please send any questions and/or topics you want me to talk about in the Windows 10 SIG to:

w10sig.ckcs@gmail.com

**Next SIG: Tues., Nov. 12 at 7 P.M.
Mark Your Calendar**



Crunching the Numbers: Distance rules our online social lives

You're more likely to connect with someone close to you

By Kurt Jefferson

SEARCH

The New York Times

TheUpshot

GET THE UPSHOT IN YOUR INBOX

You might have missed this *New York Times* article from just over a year ago. It describes how Facebook users are much more likely to communicate with someone from the same town or nearby county rather than many miles away.

In other words, Facebook users in Lexington are much more likely to communicate with someone in Woodford County, Ky. than Woodford County, Illinois.

Economists from Facebook, Harvard, Princeton and New York University crunched numbers to create a picture of connections.



How Connected Is Your Community to Everywhere Else in America?

By EMILY BADGER and QUOCTRUNG BUI SEPT. 19, 2018

America is often described as a place of great divides — between red and blue, big cities and rural towns, the coasts and the heartland. But our social lives are shaped by a much stronger force that ignores many of these lines: distance.

“Even in the age of the Internet, distance matters immensely in determining whom — and, as a result, what — we know,” reports the *New York Times* in a [September 2018 article](#).

What economists from Facebook and three separate universities learned by crunching massive amounts of numbers is “the networks that emerge reveal a distinct social fingerprint for each county, influenced by migration patterns, geographical features and quirks of the local economy — whether for example, the county is home to a military base, a resort hub, or a booming oil industry.”

The report mentions that even in the nation’s capitol city, nearly half of the Facebook

friendships are with people living within 100 miles of Washington D.C.

For the entire nation, 63% of the friendships are also that close — indicating many folks using Facebook know one another through grade schools, colleges and offices.

The report also points out that friendships drop sharply at state borders. And there’s a strong connection between counties in one state.

Continued on page 27: Crunching

Crunching

These tables show a few central Kentucky counties and which other counties they are most closely connected by Facebook users.

Source: New York Times
Sept. 2018

Fayette County	
1. Jessamine County	7. Boyle County
2. Woodford County	8. Franklin County
3. Scott County	9. Rowan County
4. Bourbon County	10. Anderson County
5. Clark County	11. Mercer County
6. Madison County	12. Harrison County

Woodford County	
1. Anderson County	7. Bourbon County
2. Franklin County	8. Boyle County
3. Jessamine County	9. Madison County
4. Fayette County	10. Clark County
5. Scott County	11. Garrard County
6. Mercer County	12. Rowan County

Scott County	
1. Harrison County	7. Owen County
2. Bourbon County	8. Jessamine County
3. Fayette County	9. Clark County
4. Woodford County	10. Anderson County
5. Nicholas County	11. Madison County
6. Franklin County	12. Pike County

Clark County	
1. Powell County	7. Nicholas County
2. Montgomery County	8. Wolfe County
3. Bourbon County	9. Madison County
4. Bath County	10. Rowan County
5. Menifee County	11. Fayette County
6. Estill County	12. Lee County

Franklin County	
1. Anderson County	7. Mercer County
2. Owen County	8. Fayette County
3. Woodford County	9. Madison County
4. Shelby County	10. Jessamine County
5. Scott County	11. Boyle County
6. Henry County	12. Clark County

CKCS SIGs

(Special Interest Groups)

Every month, Central Kentucky Computer Society offers SIG meetings open to members and guests. Starting times are shown below.

You may want to check the 'Monthly Schedule' and 'Newsletter' link on the [CKCS home](#) page for any schedule changes.

CKCS SIG Meetings		
SIG	Monthly Meeting	Leader(s)
Database	4th Monday at 7 P.M.	Garland Smith
Digital Photography	4th Tuesday at 7 P.M.	Joe Dietz
Dr. Fixit	1st Saturday at 10 A.M.	Bob Brown Ben Rice James Osborne Mike Seiler
iHelp	1st Saturday at 10 A.M.	Jeannine Essig Janet Cartmell Brooke Thomas Joe Dietz Kurt Jefferson
MS Access	3rd Thursday at 7 P.M.	Stuart Zahalka
Windows	2nd Tuesday at 7 P.M.	Mike Seiler
Mac & iPad	2nd Thursday at 7 P.M.	Kurt Jefferson
UNIX / LINUX	4th Thursday at 7 P.M.	Lewis Gardner

Safari Brower Update Issued for Mac Users

In mid-September, Apple updated the most popular web browser used on the Mac platform.

Safari 13.0.1 is now available for download through Software Update in System Preferences. (You remember Apple moved the software update process for the Mac from the Mac App Store to system Preferences.)

Apple says it's made several changes to Safari including:

- Providing a warning if a weak password is typed when signing into a website helps to upgrade it to a stronger password.
- A new start page with Favorites, frequently visited and most recently visited websites.
- Adds the ability to enable picture-in-picture from the audio button in a tab.



Computer Factoids You May Not Know

- If your work involves extensive use of computers, then your fingers will have traveled 12.6 miles daily.
- The first microprocessor, Intel's 4004, was designed for the Busicom calculator.
- 80% of all emails sent in a single day are said to be spam (junk).
- SanDisk, known for its flash drives, was originally known as SunDisk.
- In 1964, Doug Engelbert created the first computer mouse – made of wood.
- The longest word you can write using all letters of a single row of the keyboard is “typewriter”.
- In 2013, Apple sold 411,000 iPhones daily.
- The first generation computer weighed more than 29 tons. It contained more than 17,000 tubes for processing. It also contained no operating system.
- AmigaBASIC was an early programming language installed as part of early Amiga operating systems. At the time, it was written by a small company called Microsoft, years before MS created the Windows OS.
- In 1987, Commodore International released a best-selling home computer called the Amiga 500. It sold as many as six-million units and was also popular in schools and some businesses.
- IBM introduced the original DOS on the System/360 mainframe computer.

Computer Factoids You May Not Know

- The first disk drive to use removable media was the IBM 1311. It was very large – resembling a washing machine and could store less than 5 MB.
- 92% of the world's currency exists on computers while just 8% in physical money.
- The case of the original Mac computer contains signatures from each member of Apple's Mac division in 1982 – that includes 47 signatures.
- The longest word that can be typed with one hand is “stewardesses”.
- The first 1GB hard drive weighed about 550 pounds and cost nearly \$40,000.
- As of 2019, the most popular search tools (in the world) in order are Google, Bing, Yahoo, Baidu (Chinese), Ask, AOL, DuckDuckGo, Wolfram/Alpha, Yandex (Russian), Search, Dogpile, Exite, Startpage, Webcrawler, and Info.
- Back in 1880, the U.S. population spiked and the government faced a dilemma. It took more than seven years to tabulate U.S. Census results. The government sought a much faster way to complete the job. Punch-card based computers were the result. They were so large they took up entire rooms.
- Radio Shack's initial production run of its TRS-80 computer in 1977 was just 3,000 units. It sold like crazy.
 - In 1978, accountants rejoiced with the introduction of VisiCalc – the first computer spreadsheet program.

CKCS Classes & Workshops

Pick a Date That Fits Your Schedule & Desire to Learn

How much do they cost?

- All classes cost \$60, paid to CKCS
- All workshops cost \$30, paid to CKCS

(Unless stated otherwise – see list of classes and workshops below).

CKCS members receive a 20% discount on all class and workshop fees.

Okay. This looks good. How do I register?

Phone: (859) 373-1000 and tell the person answering the phone which class or workshop you want.

OR

In-Person: Drop by the CKCS Resource Center at 160 Moore Drive, Suite 7 in Lexington

Pay by Cash, Check or Credit Card

CKCS Resource Center Office

**Open:
Mon – Thur
10 A.M.
to 4 P.M.**

**Friday
10 A.M.
to 1 P.M.**

* These classes and workshops meet in the main room and class size is determined by the instructor. All other classes meet in the computer classroom and are limited to eight students using the CKCS Windows desktops or five students using the CKCS Mac minis.

Students may use their own laptops, tablets or phones if they have the appropriate software installed. (This is at the discretion of the instructor.)

Listing of CKCS classes and workshops begins on page 31.

Classes at CKCS Resource Center

Course Name	Class Dates	Time
Composition and Elements of Design in Photography	Nov. 4, 11, 18, 25 Dec. 2, 9	1–3 P.M.

Improve your photography skills by learning how to use lines, shape, form, texture, pattern, and color to enhance the composition of your photographs. We'll use lecture, handouts and videos to explain the various elements of good design. Between classes, students will be encouraged to take photos using the information they learned in class. These photos will be used and discussed to help students improve their skills. Topics will be covered in a progressive order, building on what is learned in the prior classes. Students should bring their camera, full battery, memory card, thumb drive, camera manual and note pad.

Classes at CKCS Resource Center

Course Name	Class Dates	Time
Getting the Most out of Your iPad	Oct. 10, 17, 24, 31 Nov. 7, 14	10 A.M.–Noon

Learn how to use the built-in Apple apps on your iPad. Personalize and organize your apps, take better photos and organize them. Acquire information about settings, learn the secrets of the keyboard, emailing, and texting with animation. Get tips on using the Calendar, Notes, Reminders, and Books. Facetime will be included if time permits. Participants should bring their iPad updated with the latest operating system and know (or bring) their Apple ID and password.

Classes at CKCS Resource Center

Course Name	Class Dates	Time
Getting the Most out of Your iPhone	Oct. 10, 17, 24, 31 Nov. 7, 14	1–3 P.M.

Learn important (and hidden) functions of your iPhone. Learn how to download apps, move them, nest them and delete them. Learn how to get better photos with your phone, organize your pictures, and send them in text and emails. Texting messages and using Siri will also be covered. Participants should bring their iPhone and know (or bring) their passcode, Apple ID and password.

Classes at CKCS Resource Center

Course Name	Class Dates	Time
Intro to Photoshop Elements for Windows	Oct. 21, 28 Nov. 4, 11, 18, 25	1–3 P.M.
<p>In this introductory course to Adobe’s Photoshop Elements, we will learn to use the tools of this program to do basic photo enhancements including quick fixes, cropping, cloning, spot healing, red eye removal, levels, and adding borders. We will also discuss photo considerations prior to printing, introduction to layers, converting images to black and white, enhancing and restoring old photos, adding text, using brushes, graphics, adjustment layers, templates, special features, filters, and many creative techniques.</p>		

Classes at CKCS Resource Center

Course Name	Class Dates	Time
Organizing your Personal Computer Files (Windows) Fee: \$40	Oct. 24, 31 Nov. 7	10 A.M.–Noon
<p>Learn the correct way to file items on your personal computer. Learn nifty tricks for moving files and folders and organizing these files and folders so they can easily be found on your personal computers or external storage devices. Students will use the computer classroom computers for the first lesson. After the first class, students may bring their own laptops, or a thumb drive loaded with personal files they want to organize.</p>		

CKCS Classes

* These classes and workshops meet in the main room and class size is determined by the instructor. All other classes meet in the computer classroom and are limited to eight students using the CKCS Windows desktops or five students using the CKCS Mac minis.

Workshops at CKCS Resource Center

Course Name	Class Dates	Time
Fixing Up Your Photos (and other things) Using FastStone Digital Imaging Program (Windows)	Oct. 22	1–4 P.M.

Do you want to fix up and work on your pictures without paying a lot of \$\$ on a digital imaging program? We will use FastStone, an extensive digital imaging program that is free and does a wide variety of things. You will learn how to dress up your pictures, crop, brighten or darken, create contact sheets, create a slide show that can include music and more. We will show you how to download the program and provide a free syllabus from FastStone.

Workshops at CKCS Resource Center

Course Name	Class Dates	Time
Using your iPhone Camera to the Max*	Oct. 8	1–4 P.M.

Using apps already on the iPhone, students will learn techniques to take better pictures, fix them up by cropping, lightening or darkening, or adding filters. They will learn how to take videos, time lapse and panoramas. They will also learn how to create albums and share photos with others.

Workshops at CKCS Resource Center

Course Name	Class Dates	Time
Making a photo book with Shutterfly (Two separate workshops offered) For Mac & PC	Oct. 15 Oct. 23 (New)	1–4 P.M. 1–4 P.M.

In this workshop the attendees will learn how to prepare pictures for a photo book, how to transfer pictures to the Shutterfly workspace, and then organize the pictures from the front to last page of the book. Finally, we will go through the steps of ordering the book and applying coupons to reduce the price. **(This program is internet based so it will work on either a Mac or PC.)**

Workshops at CKCS Resource Center

Course Name	Class Dates	Time
Making Personal Note Cards using Microsoft Word (Windows)	Nov. 14	10–Noon

Students will learn to make personalized note and greeting cards in different sizes and orientation on a Windows 10 personal computer. They will learn to use the Internet and personal photos to personalize their own note cards. The instructor will provide a ‘starter kit’ of graphics that will be transferred to each student’s thumb drive.

Workshops at CKCS Resource Center

Course Name	Class Dates	Time
Getting the Most out of Your Camera by Shooting in Raw*	Oct. 28	10 A.M.–1 P.M.

Shooting in RAW format has so many advantages that every photographer should know how to do it. The instructors will explain what shooting in RAW means. They will show how to adjust your settings in your camera to be able to shoot in JPEG and RAW formats simultaneously. Then, they will share with you the free downloadable software program to process these images. Finally, they will demonstrate how to process the images using this software program to improve brightness, exposure, white balance, bring out details, and color. Students should bring their camera, full battery, camera manual and note pad.

CKCS Workshops

Workshops at CKCS Resource Center

Course Name	Class Dates	Time
Is Windows 10 Driving You Crazy?	Oct. 14	9 A.M.–Noon

Students will learn how they can set up the Windows 10 Start Menu, Desktop, Taskbar, and File Explorer, making them easier to use and understand. Also, a free program will be demonstrated that changes the Start Window making it look like the Windows 7 or XP Start Window. The instructor will primarily use lecture to demonstrate the steps in changing a Windows 10 computer. Students who have a laptop running Windows 10 are welcome to bring it. If you bring one, make sure its battery is fully charged.

Jokes — and other fun stuff

Videos

- The Story of Two Brains – submitted by Jerry Heaton
- Most Radioactive Places on earth – submitted by Jerry Heaton
- Tim Conway's Elephant Story (from 70's Carol Burnett Show) – submitted by Kurt Jefferson
- Largest Fire Ant Colony – submitted by Jerry Heaton
- Johnny Carson interviews Tim Conway – submitted by Kurt Jefferson
- Why Every Child Should Have a Dog – submitted by Harvey Shackelford

Websites

Church Bulletin Bloopers (like this one: “Ladies, don't forget the rummage sale. It's a chance to get rid of the things not worth keeping around the house. Bring your husbands.”)



Optical Illusion: The person who snapped this photo is unknown – but he or she was at the right place at the right time. Because the cat is closer to the camera than the humans in the background, the cat appears to be huge.

This is one of those photos that forces you to go back and look at it over and over.

Found on the Internet.

– submitted by Kurt Jefferson