

Lake County Area Computer Enthusiasts
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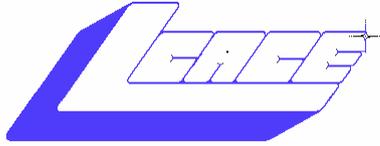
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"Members Helping Members"
(since 1983)

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News Journal

The LCACE News Journal is published eleven times annually. Members are encouraged to submit contributions which will be acknowledged in this newsletter.

Send articles to editor@lcace.org
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Logo designed on an Atari Stacy Laptop in 1989 by Dwight Johnson Jr.

Lake County Area Computer Enthusiasts

**LCACE
c/o Group Ambassador**

["J.J." Johnson](#)

Membership

LCACE membership is open to all individuals and families interested in personal computing. Annual dues are \$20.00 per individual/family. Applications for membership may be obtained at the monthly meeting, by request on the club hotline, and are now available on our web site at <http://www.lcace.org>.

Meetings

LCACE meetings are usually held on Saturdays at the Grayslake Area Public Library, 100 Library Lane, Grayslake, Illinois. The meeting room opens at noon and the formal meeting begins at 12:30 p.m. All meetings are open to the public. Bring a friend!

Newsletter Submissions

Club members are welcome to submit classified ads, reviews, tips and other articles for publication, to our newsletter editor in Microsoft Word format (.doc). **Publication deadline is the 20th of the month for all ads and articles.** Please do not use tabs or special formatting.

Newsletter Advertising

Ad rates per issue: Full page - \$25, Half page - \$15, Quarter page - \$10, Business Card - \$5. Discounts are available on advance purchase of multiple issues. Please send camera-ready copy and payment to the club address by the 15th of the month preceding publication. For more information on ad pricing, please call our Hotline. Ads are **FREE** to all paid members.

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Phil's Ramblings

February 2017



Happy Valentine's Day!
Can spring be far behind? (Yes, this is northern Illinois after all; however, one can always hope!)

First, two club-related topics from our January meeting.

- **Annual Picnic.** In recent years we have hosted a picnic in July at a club members' home and at a Vernon Hills park. As of our January meeting, no one has stepped forward to volunteer their home for a 2017 picnic, or to coordinate a 2017 picnic at a park or other public venue. During informal conversations with members, I have received a number of suggestions for alternate approaches - including taking the month of July off from any club activities, having a regular club meeting and presentation in lieu of a picnic, holding our picnic at an indoor facility to avoid the risk of rain and/or unusual heat or cold, or some combination thereof. We discussed this topic at our January meeting, and then voted on the alternatives presented. The winning alternative was a combination of a regular club meeting / presentation and an indoor picnic. We are currently looking at Saturday, July 8th or Saturday, July 16th. More details to follow.....
- **Election of Officers.** Per our current by-laws, we open nominations for club officers at our February and March meetings, with elections held at our April meeting. We elect seven board members at large; from this group we then elect a president. The president coordi-

nates with the other six elected officers to assign them to specific board positions. All officers serve for one year. Suggestions have been made to change the term of office to two years, perhaps with staggered terms for continuity, to elect the president, secretary and treasurer separately from the other four board members and to elect each of the seven board positions separately. After considerable discussion, a motion was made and passed to continue the current process for this year's election cycle, but to also form a working group to study this topic further, consider how other similar clubs and organizations conduct their elections and then to share their results and recommendations well in advance of next year's election cycle. More to follow.....

As we move into 2017, Microsoft has announced two major Windows 10 updates for this year. The first, the "Creators Update", should be released shortly. Here is how they describe this update on their website:

"Windows introduces the next wave of innovation with the Windows 10 Creators Update, giving you new creativity and gaming experiences built around the people who matter most. Do amazing things in 3D and virtual reality, quickly connect and share with your key people, and enjoy epic gaming with 4K fidelity and game broadcasting."

For more details, go to: <https://www.microsoft.com/en-us/windows/upcoming-features>.

At this writing, I have been unable to find details about the second upgrade planned for

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01/07/2017 Meeting
by *Les Larkin*
LesLarkin@AIM.com

Our January meeting was conducted by Phil Bock. Old Business concerned the Holiday Party. The New Business segment covered 3 issues. The first was about Annual Picnic alternatives. The consensus was that we should have an indoor picnic/meeting. The second concerned the election of club officers. Issues discussed were term length, membership or Board selection of President, and number of officers. The third was about an issue that some members of Google Groups were having with received emails. Some members were occasionally not receiving links or pictures.

The door prize was won by Bobby Jacobs. She selected the Smart Pen set.

Nancy Rinker won the 50/50 raffle, the club and Nancy each receiving \$6.00. Congratulations to all winners!

Thanks to Linda Busch for making the coffee, and to Linda and Liz Barnett who brought munchables for us.

This month's program was "Show and Tell". J.J., who is seldom without the latest goodies, displayed his Fitbit wearable fitness monitor. It monitors physical activity and related parameters. I showed my Raspberry Pi single board low power computer.

Another great meeting, and I hope to see you at our February 11 meeting.

Membership

January 7, 2017

J.J. Johnson

Membership Chairperson

Members: 59

Meeting Attendee: 26

Meeting Attendee: 44%

THANKS FOR JOINING
None

THANKS FOR RENEWING
Lewis Cavines
Marie Cavines
DeBorah Sirrilla
William Fosdick
Cheryl Nickels

THANKS FOR VISITING
Tom Krissek
Michael Valimorammed
Janet Schockmel

Winners:

Trivia: Linda Busch

50/50: Nancy Rinker

Door Prize: Bobby Jacobs

January 2017 Prize winners



And the
winners are...



Trivia Questions
Linda Busch



Door Prize
Bobby Jacobs



50/50
Nancy Rinker

CUT HERE



Question Of the month

Hillary Clinton hasn't driven a car since _____.

- a) 1986
- b) 1992
- c) 1996
- d) 2001

Be the first to submit the correct answer at the January meeting and win a prize.

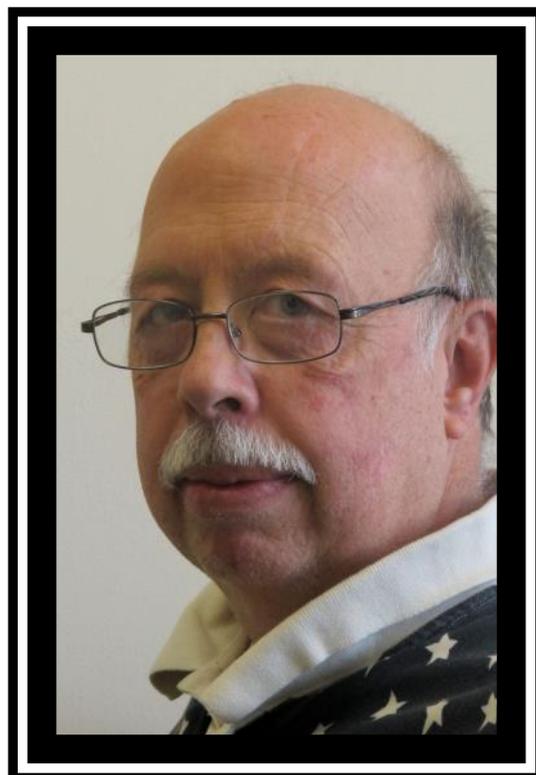
Name: _____

Answer: _____

Happy Birthday



Tracy Berry



Mike Mc Enery

This Months Demo
Microsoft Word

It's Innovation Time

Best of Innovation Honorees for CES 2017

By Lou Torraca, President, MOAA-The TUG, Hawaii
Around Hawaii, Oceanic Time Warner Cable
<http://www.aroundhawaii.com/lifestyle/innovation-time-vegas/>
www.the-tug.org

The Consumer Technology Association (CTA) producer of the Consumer Electronics Show (CES), the world's gathering place for all who thrive on the business of consumer technologies, announced the Best of Innovation Honorees for CES 2017. The annual CES Innovation Awards honors outstanding product design and engineering across 28 product categories. The show, in January, annually attracts around 150,000 folks to Las Vegas, who represent consumers, company CEOs, venture capital money folks as well as a huge contingent of media who document it all. With 28 categories, you can imagine how much time it takes to see it all. Since each category picks a winner, I have picked six I think will interest you. Next time, I'll cover another six in different categories. To give you an idea of how these winners are chosen, here are the criteria the judges use:

- Engineering qualities
- Aesthetic and design qualities
- The product's intended use/function and user value. For Tech for a Better World entries, this also includes how it can make a positive impact to the quality of life for its users, or those affected by its use.
- Why the product deserves the Innovation Award, including specifics regarding its unique/novel features and features that consumers would find attractive
- How the design and innovation of this product directly compare to other products in the marketplace

And here are the winners in six of the categories



uBolt, an innovative and unique multi-factor authentication personal identity wearable device combining biometric fingerprint and voice recordings and a secure element to ensure “you are who your say you are” to establish trust and verifiable confidence in a user identity.

COMPUTER PERIPHERALS



Predator Z301CT monitor

Acer

The Acer Predator Z301CT is the world's first 21:9 curved monitor with eye-tracking functionality.

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HOME APPLIANCES



Sleep Number

Sleep Number's 360 smart bed will forever transform the way people sleep. The new integrated design includes a proprietary algorithm (powered by SleepIQ technology) and machine learning to intuitively sense and automatically adjust all night for an effortless and optimized sleep experience.



Integrated Connectivity Cluster Bosch

The ICC is the all-in-one information and communication system for motorcycles – and riders. It is the first of its kind integrating head-unit functionality into a cluster. The HMI clearly displays nothing more (and nothing less) than the information essential to riders looking to take their experience to the next level.

TECH FOR A BETTER WORLD



Tobii Dynavox PCEye Mini with IS4 Eye Tracker

Tobii Dynavox

The Tobii Dynavox PCEye Mini featuring IS4 eye tracker is the world's smallest and most robust eye tracker. Optimized for individuals that do not have use of their hands due to various disabilities, the device enables users to control a computer, laptop or tablet using only their eyes.

SMART HOME



Smart Remote by Sevenhugs

Smart Remote is the world's first contextual control system for connected homes. It lets you control everything at home with just one touch. When you point Smart Remote at a device, the screen automatically adapts and you just need one touch to control it. A seamless and intuitive control system.

That's it for January, hope your New Year will be a wonderful one for you and yours. Aloha,



Pooky & Lou

Interesting Internet Finds

– September 2016

Steve Costello, Boca Raton Computer Society
editor@brcs.org
<http://ctublog.sefcug.com/>

In the course of going through the more than 300 RSS feeds, I often run across things that I think might be of interest to other user group members.

The following are some items I found interesting during the month of September 2016.

The Flaw in Secure Logins

<http://askbobrankin.com/the-flaw-in-secure-logins.html>

Bob Rankin talks about some flaws in two-factor secure logins.

Top 10 Ways to Secure Your Mobile Phone

<https://blog.malwarebytes.com/101/2016/09/top-10-ways-to-secure-your-mobile-phone/>

Malwarebytes talks about ways to secure your mobile phone.

How To Create Strong Passwords: 6 Expert Tips For Online Safety

<http://www.geekersmagazine.com/create-strong-passwords-expert-tips-online-safety/>

To be secure online you need to use strong passwords. This post gives you tips about creating them.

What Is Email Spoofing & How To Protect Yourself & Stay Safe

<http://www.thewindowsclub.com/email-spoofing>

This post explains how an email can look like it comes from a trusted place, but is actually from somewhere quite different. It also tells you how to identify this and what to do to stay safe.

Common Questions About Two-Factor Authentication

<https://www.telesign.com/blog/post/common-questions-about-two-factor-authentication-2/>

This post answers some of the most common questions about two-factor authentication. If you haven't started using two-factor authentication yet, and you should be using it, check this out for answers to your questions about it.

3 Videos to Help You Be #CyberAware

<https://www.consumer.ftc.gov/blog/3-videos-help-you-be-cyberaware>

This post from the FTC (Federal Trade Commission) contains three videos:

- *Protect Your Computer from Malware*
- *Public Wi-Fi Networks*
- *Tech Support Imposter Scams*

Most Fridays, more interesting finds will be posted on the *Computers, Technology, and User Groups Blog*:

<http://ctublog.sefcug.com/tag/interesting-internet-finds/>

The posts are under Creative Commons licensing.

Virtual Reality & Augmented Reality Explained

By Sandy Berger, Compu-KISS
www.compukiss.com
Sandy (at) compukiss.com

If you want to be up-to-date in the high tech world you need to understand the terms VR and AR. They are both amazing technologies that are quickly moving into our everyday world.

Preface

It has always been a joy to be transported to a different time and place. The Greeks, Romans, and American Indians did this for their listeners by telling wonderful stories. These story tellers transported their listeners to alternative realities. With radio we were immersed

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2017. I'm sure we will see more news as the year progresses.

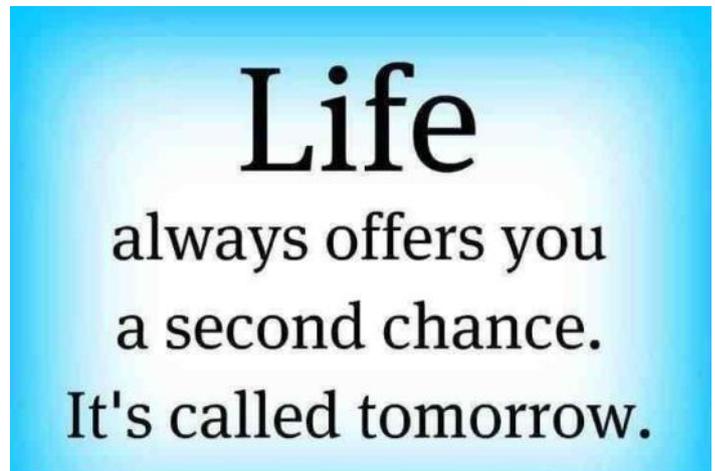
Speaking of Windows 10, many of us have seen complaints and discussion about the perceived push by Microsoft to convert those who are still using older versions of Windows to Windows 10. Recently, various Microsoft spokespersons have issued vague warnings about the supposed vulnerability of Windows 7 to malware and other exploits, even though Microsoft has promised to provide security updates for Win 7 until 2020. Other tech writers have discounted these warnings as a poorly-concealed effort to stampede Win 7 users to Windows 10.

Given all the chatter, it might be interesting to view the current distribution of OS software across all PCs. Here is a link to a recent graphic that does just that: <https://www.netmarketshare.com/operating-system-market-share.aspx?qprid=10&qpcustomd=0>. As you will see if you follow this link, current Windows 7 operating system installations outnumber Windows 10 operating system installations by a ratio of 2:1!

Finally, online reporting confirms that the bad guys are becoming more and more sophisticated in their phishing and other malware exploits. I have been sending out GoogleGroups emails to club members sharing specific information about these developments, from Tech newsletters to which I subscribe. In the past month I have sent out at least five such GoogleGroups emails. If you have not received them, please follow up with J.J. at membership@lface.org to be sure that he has your current email address

and that it is included in our GoogleGroups roster.

Stay warm!



More pics on www.imfunny.net

2017 Meeting Dates

- ◆ February 11, 2017 Microsoft Word
- ◆ March 11, 2017 TBD
- ◆ April 15, 2017 Elections
- ◆ December 9, 2017 Holiday Party

Note: January and April are not on the second Saturday.



APCUG itself is not a user group; only user groups themselves are members. APCUG's product and service are offered to group leaders, who can then share them with their members.

(Continued from page 9)

in tales like Fibber McGee and Molly where we could listen and vividly imagine being right in the McGee's home. Then came movies, television, and gaming devices. These devices totally immersed us in their stories.

Now we have moved on even farther into other realities and amplified realities with two newer technologies: Virtual Reality (VR) and Augmented Reality (AR).

Virtual Reality Explained

Virtual Reality replicates an environment that lets you see and feel like you are in another world. This is generally done by wearing goggles which put a screen in front of your eyes to show you that new world. Some of these VR devices have built-in audio and vibrations and other haptic feedback that help to make the new world feel quite real.

Many have immersive 360 degree visual capabilities so you are completely surrounded by the new world. Often you can interact with that new world as when you might play a VR game. This new storytelling technique is totally immersive since you are completely pulled into the world inside the headset.

Dedicated VR devices started reaching the market in 2016. Samsung and Oculus have recently released their first everyday consumer product, the Samsung Gear VR headset. At \$99 it is well-priced, but must be paired with a newer Samsung Galaxy smartphone to make it work. Other VR devices like the Oculus Rift and the HTC Vive and start at \$599 and require a powerful PC to work. Sony will soon release their PlayStation VR at \$399.

Augmented Reality

Augmented Reality is another way to look at a different world. Instead of replacing the current reality with an alternate reality as VR does, AR adds to our current reality. So with AR, you can still see the real world around you, but certain things in your world are augmented. With AR, information about the real environment and its objects is overlaid on the real world. For instance, a nurse wearing a pair of AR glasses would be able to see everything in the room exactly as it really is. However, when he or she

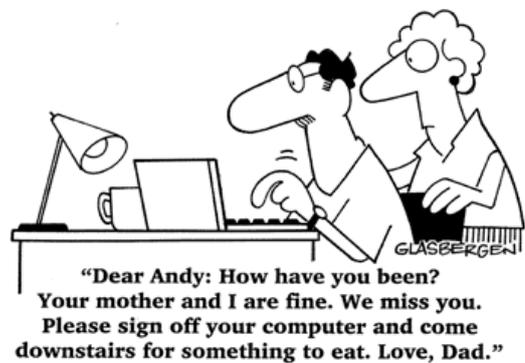
is ready to insert an IV into your arm, the veins in your arms would be totally visible.

AR technology is sometimes accomplished with goggles, like VR, but there are also AR applications that use lightweight glasses or partial glasses. There are also small handheld AR displays, digital AR projectors, and even contact lenses that project AR information. Several companies, including Google, are working on lasers that send information directly to the eyes.

Microsoft is working on a HoloLens AR headset that will work with Windows 10. Google is still working on their Google Glass project which will now focus on the workplace.

With AR you can interact with it through gaze, voice, and/or hand motions. If you saw the movie *Minority Report* and remember Tom Cruise moving information around in the air you have seen an accurate depiction of an augmented reality device.

When *Minority Report* came out in 2002, it was very futuristic. Now that future is already here.



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Take a good look, you just might see yourself.



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Liz Barnett
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