

NEWSLETTER

*The Best Accessory
for your PC!*



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Association of PC User Groups
<https://www.youtube.com/user/APCUGVideos>

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Newsletter Editor:	David Yamamoto

Contact Information

David Yamamoto:	President(AT)PhoenixPCUG.org
Richard Elardo	Vicepres(AT)PhoenixPCUG.org
Nancy Ogden:	Secretary(AT)PhoenixPCUG.org
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(AT) = (@) above and in this newsletter
Steering Committee: Officers and Members who
are present at all three meetings

This website is gone: www.azacc.org
The Arizona Alliance of Computer Clubs

MAPS TO MEETINGS Page 18

West Side.....**Tue, July 18, 2017**
College America, 9801 North Metro Pkwy E8,
Phoenix, AZ

East Side.....**Wed, July 19 2017**
Univ. of Advancing Technology, 2625 W Baseline
Road, Tempe (one block west of Fry's Electronics)

Fountain Hills.....**Thur, July 20, 2017**
Fountain Hills Library, 12901 N La Montana Drive,
Fountain Hills, Arizona. **Starts at 5:30 PM!**

Presentation this month: [Computer topics, Windows 10, Smart Phones, etc.](#)

For **date and time** changes:
www.phoenixpcug.org

USE STRONG PASSWORDS! Do updates: Java, Adobe Reader, Windows - see #5, #10 below

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Windows 10 Lots of info, even more at:
Our meetings!

Look for Windows 10 articles in this issue!

It is better than Windows 7, 8.1 mostly, Western Digital hard drives include Acronis True Image for Windows 10, etc. - for their drives only.

<http://supportdownloads.wdc.com/downloads.aspx?p=119&lang=en>

Best Free Drive Backup programs for Windows

<http://www.ghacks.net/2014/08/08/best-free-drive-backup-programs-for-windows/>

Hard Drive or SSD backup with iDrive

Kim Komando & tips this month: 1-888-825-5254

<http://www.komando.com/show-picks>,
<https://www.facebook.com/kimkomando>
<https://www.youtube.com/kimkomando> **NEW!!**

Leo Laporte <http://www.techguylabs.com/> news

<http://leoville.com/> <http://twit.tv/people/leo-laporte> 1-88-88-ASK-LEO Listen, The Tech Guy -
TuneIn <http://tinyurl.com/pu8rsc>

Check Leo's Windows 10 news!

https://www.google.com/?gws_rd=ssl#q=leo+laporte+facebook or **Google: Leo on YouTube!**

June 2014, I tried out Norton Safe Web

<http://safeweb.norton.com> & Online Link Scan - www.onlinelinkscan.com One member emailed me about protecting his PC, both excellent ways to avoid malware, ransomware, etc.

Eye on Windows: Comprehensive Windows

10 News <http://www.eyewindows.com/>
<http://www.eyewindows.com/category/satya-nadella/>
<http://www.windows10update.com/>

Many Windows 10 news, tips and updates for you (a pop-up will happen, sign up - DY) Hardware, Software Reviews & Windows Resources. Last web link is great!

www.batteriesplus.com - batteries & bulbs!
<http://www.optimabatteries.com> spiral batteries motor vehicles! AutoZone & other auto stores.

Windows 10 Plain & Simple 1st Edition

Very Good Book for Windows 10, Microsoft Books
<http://www.amazon.com/Windows-Plain-Simple-Nancy-Boysen/dp/0735697949>

<http://www.belarc.com/> Your PC's HW, SW audit, free! Excellent!

The Kim Komando Show - stations and times - TuneIn, just Google "komando tunein all stations" Listen free on weekends.

www.komando.com/downloads/2321/6-essential-types-of-security-software-you-must-have/all

Komando On Demand Podcasts and News

http://www.komando.com/listen/komando-on-demand?utm_medium=nl&utm_source=notd&utm_content=2015-11-28-a-a

https://news.komando.com/?utm_medium=nl&utm_source=notd&utm_content=2015-11-28-article-4-title

Tim Greer, Microsupport says Acronis True Image and Carbonite, each has pluses.

602-404-4245, 480-232-1101, microsupport.com
CryptoPrevent Installation --
MicroSupport.com by Ray Moore

Google: Joe Shipley computer, (480) 227-2725

<http://joeship.us/> Computer Repair and Services in Gilbert, Chandler, Mesa, Tempe

Carey Holzman, Carey@CareyHolzman.com,
https://www.youtube.com/results?search_query=carey+holzman Phoenix, upgrades, repairs

Gene Barlow sells Acronis True Image for Windows 10, 8.1, 8, 7, Vista, XP, Apple Macs.

<http://www.ugr7.com/> . Ask for latest email on Windows 10 and **user group discounts!**
Barlow's 2017 Newsletter – quarterly newsletter free
<http://ugr7.com/newsletter-signup.html>

SPSI Computer Specialists - Peoria, Az
www.spsi-az.com/ , contact Troy, 602-997-7335

IMPORTANT: DON'T MOVE TOO FAST TO WINDOWS 10, CLONE DRIVE FIRST

Windows 10 Update 325 MB 64 bit or 160 MB 32 bit
<http://www.computerworld.com/article/2957258/microsoft-windows/microsoft-issues-first-hefty-windows-10-update.html>

We appreciate support by:

- * College America collegeamerica.com/phoenix
 - * University of Advancing Technology uat.edu
 - * Maricopa County Library, Fountain Hills
mclidaz.org/custom/branches/fountainhills.aspx
- Also, Google all their Facebook pages

BRING A FRIEND!! WE NEED MEMBERS!!
YOU CAN ASK QUESTIONS AT MEETINGS!

David Yamamoto

[2017 GENERAL MEETINGS CALENDAR](#)

For date and time changes, check: www.phoenixpcug.org

[PRESENTATIONS THIS MONTH](#)

Founding Fathers, Solar Eclipse, Computer topics, Windows 10

WEST SIDE: CollegeAmerica (see map page 20)

- **Tuesday, July 18, 2017**

- 6:00 PM - Steering Committee and (Election of Officers - Nov & Dec)

- 6:30 PM - Questions and Answers, Viewing websites, etc.

EAST SIDE: University of Advancing Technology (see map page 20)

- **Wednesday, July 19, 2017**

- 6:30 PM - Questions and Answers, Viewing websites, etc.

FOUNTAIN HILLS: Fountain Hills Library (see map page 20)

- **Thursday, July 20, 2017**

- **5:30 PM - New Time!** Questions + Answers, Viewing websites, etc.

Meetings For Year 2017: Reserve UAT Oct to Dec- 2017

July 18-19-20

Aug 15-16-17, Sept 19-20-21, Oct 17-18-19, Nov 14-15-16, Dec 19-20-21

<https://www.weeklycalendartemplate.com/july-2017-calendar-2-1761.html> - Thank You!

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	1	2	3	4	5

<https://www.weeklycalendartemplate.com/july-2017-calendar-nz-1814.html> for July to Dec. 2017

All meetings based on the 3rd Wednesday of each month

REMEMBER*: PAY YOUR DUES! Thanks, only \$36 / year or \$3 / month.

Introducing Windows® 10 <http://Microsoft.com/Windows10>

Transform the Way You Work & Play. The Future Starts Now. Learn More.

<http://www.popsoci.com/everything-you-missed-at-microsofts-build-2017-developers-conference>

Caution & Red Alert: Always do full PC backups prior to installing any software!!!

(DY: Read our previous newsletters for more info!!!)

David Yamamoto, President of Phoenix PC Users Group, www.phoenixpcug.org/newsletters

For Business, Science, Health, etc. see our planned newsletters at the above web link.

This July 2017 newsletter is different because if the Founding Fathers of our country did not do and say what they did, the United States of America would most likely have not turned out the way it did. Has our country always done the right things it did? No. Not by a long shot. And I hope it does better! Also, I plan at least one extra summer newsletter and the monthly newsletters to follow. Enjoy! DY

Well, it's **Independence Day** (4th of July) month! The Sound of the Liberty Bell - Independence National Historical Park ... <https://www.nps.gov/inde/photosmultimedia-soundofthelibertybell.htm>

The Sound of L-I-B-E-R-T-Y on D-Day <https://www.nps.gov/inde/photosmultimedia-soundofthelibertybell.htm>
<https://www.nps.gov/inde/upload/Liberty-Bell-E-Day-WIP-1944-Mono-on-Left-s-edit.mp3>

Yankee Doodle: Music of the American Revolution <https://www.youtube.com/watch?v=1MNMMc6oiK8>
Fife and Drum Music of the Revolutionary War - and 30 other music of that time period

<https://www.youtube.com/watch?v=yTDOoXd6EXs&list=PLqxphBuPVws5vEXv3cTSx2mUQPX5kyNdr>

Can't get enough American Revolution info? **Google**: movies of American Revolution, foods, diseases, medicines, fire arms, long rifles, French vs. American gunpowder, projectiles, cannons, cannon balls, weapons, tactics, naval battles, tea, tobacco, whiskey, rum, brandy, hemp, leather, horses, foods, colonial outhouses, native Americans, French, British, timepieces, etc. Some topics not for children.

Bonhomme Richard <https://www.youtube.com/watch?v=XOJ5a5Rnosg> John Paul Jones father of Navy
John Paul Jones - Johnny Horton <https://www.youtube.com/watch?v=9s58mIY1R6k>

<http://www.ducksters.com/history/american-revolution/daily-life-during-the-revolutionary-war.php>

<http://revolution.mrdonn.org/dailylife.html> children's life during the revolutionary war

<http://tinyurl.com/h4kr658> Google Technology News <http://tinyurl.com/zjwzqa6> Google Science News

<http://tinyurl.com/zyhtyt0> Google Business News <http://tinyurl.com/hn2tcr9> Google Health News

<http://www.zdnet.com/article/microsoft-releases-first-windows-10-redstone-3-pc-test-build/>

<http://www.computerworld.com/> <http://www.networkworld.com/> <http://www.zdnet.com/>

Computerworld Microsoft - Windows 10

<http://link.computerworld.com/view/593963aa24c17c3fcacde9385zql4.5mj/dd39cb1c>

Woody on Windows, By Woody Leonhard, Columnist, Computerworld | Jul 10, 2017 4:17 AM PT

With Patch Tuesday imminent, make sure you have **Automatic Update turned off**:

<http://tinyurl.com/ycng6g5t> ([http://www.computerworld.com/article/3206705/...](http://www.computerworld.com/article/3206705/))

<http://www.computerworld.com/article/3138088/microsoft-windows/woodys-win10tip-block-forced-win10-updates.html>

<http://www.infoworld.com/resources/111525/microsoft-windows/windows-10-installation-superguide#tk.ifw-infsb>

<http://www.infoworld.com/newsletters/signup.html#tk.ifw-infsb>

<http://www.infoworld.com/article/3136336/microsoft-windows/woodys-win10tip-how-to-figure-out-your-windows-10-version.html> <https://tweakhound.com/2016/10/23/delaying-windows-10-updates/>

<https://www.askwoody.com/win10-tips/> Like what you see? Pick up a copy of my 986-page

"Windows 10 All-in-One for Dummies 2nd Edition" at Amazon US or Powell's Bookstore.

<https://www.amazon.com/Windows-All-One-Dummies-Computers/dp/1119310563> \$14.55 used

The most comprehensive guide to Windows 10, updated with the latest enhancements

If you're new to Windows 10 and want an authoritative and accessible guide to the basics of the widely used operating system, Windows 10 All-in-One For Dummies is the book for you.

Windows 10 Redstone: A guide to the builds By Preston Gralla Contributing Editor, Computerworld

<http://tinyurl.com/y8fdarca> ([http://www.computerworld.com/article/3118132/...](http://www.computerworld.com/article/3118132/)) Jul 10, 2017 10:45 AM PT

Page 4 (DY: Read our previous newsletters for more info!!!)

APCUG 2016 Conference <https://apcug2.org/apcug-2016-conference/>

The Motley Fool vs. TheStreet: Which Is Which? | Investopedia

<http://www.investopedia.com/articles/investing/030515/motley-fool-vs-thestreet-which-which.asp>

The Motley Fool vs Seeking Alpha | Investopedia

<http://www.investopedia.com/articles/investing/121714/motley-fool-vs-seeking-alpha.asp>

The Motley Fool <https://www.youtube.com/user/TheMotleyFool>

http://www.fool.com/shop/newsletters/index.aspx?&utm_source=cs&utm_campaign=fs-phone-startshoppage&utm_medium=phone

Motley Fool Money Management: Investing, securities, stocks, bonds, etc.

https://www.youtube.com/results?search_query=motley+fool+2017

https://www.youtube.com/results?search_query=motley+fool+securities

https://www.youtube.com/results?search_query=motley+fool+stock+advisor+review

https://www.youtube.com/results?search_query=motley+fool+bonds

https://www.youtube.com/results?search_query=motley+fool+investing

<http://tinyurl.com/ybqz6afj> (https://www.fool.com/order/fe_offers/show-best-two-offers...)

Alpha and Beta for Beginners <http://www.investopedia.com/articles/investing/092115/alpha-and-beta-beginners.asp>

A Deeper Look At Alpha <http://www.investopedia.com/articles/financial-theory/08/deeper-look-at-alpha.asp>

Microsoft Turns to AI to Fight Cyberattacks By Donna Fuscaldo | June 28, 2017 — 12:35 PM EDT

<http://www.investopedia.com/news/microsoft-turns-ai-fight-cyberattacks/>

What Advisors Need to Know About Ransomware By Justin Kuepper | Updated July 6, 2017 — 9:15 AM EDT

<http://www.investopedia.com/articles/financial-advisor/060816/what-advisors-need-know-about-ransomware.asp>

“What’s new in Windows Defender ATP Fall Creators Update

<https://blogs.technet.microsoft.com/mmpc/2017/06/27/whats-new-in-windows-defender-atp-fall-creators-update/> Windows Defender Advanced Threat Protection (Windows Defender ATP)

Enhanced Mitigation Experience Toolkit (EMET) which are now built into Windows. With the addition of EMET technology, companies will be able to apply advanced vulnerability mitigations on legacy apps running on Windows 10 without the need to recompile them.

Another powerful Windows Defender Exploit Guard capability will allow automatic blocking of websites known to host malicious code, by leveraging Windows Defender SmartScreen knowledge base. The integration between Windows Defender ATP and Windows Defender Exploit Guard is designed to offer new prevention capabilities that offer smarter and adaptive defenses for companies using our service (Figure 1).” Long article, DY

“Windows Defender Advanced Threat Protection Detect, investigate and respond to advanced attacks.

<https://www.microsoft.com/en-us/WindowsForBusiness/windows-atp> What’s the cost?

Post-breach detection, investigation and response

Even the best endpoint defenses will be breached eventually, as cyberattacks become more sophisticated and targeted. Windows Defender Advanced Threat Protection (ATP) helps our enterprise customers detect, investigate, and respond to advanced attacks and data breaches on their networks.”

<http://aka.ms/register-wdatp> = <https://winatpreqistration-prd.trafficmanager.net/UserAgreement>

Page 5 (DY: Read our previous newsletters for more info!!!)

Net Neutrality Day of Action CBS News July 12, 2017, 1:31 PM

Tech companies rally for Net Neutrality Day of Action as FCC aims to roll back rules

<http://www.cbsnews.com/news/net-neutrality-day-of-action-protest-fcc-plan-to-roll-back-rules/>

“Shodan: The scariest search engine on the Internet - Apr. 8, 2013

<http://money.cnn.com/2013/04/08/technology/security/shodan/index.html>

Apr 8, 2013 - Shodan is an Internet search engine capable of finding just about every connected thing imaginable.” (Shodan - first degree black belt in judo and karate)

www.catphones.com/ The world's first thermal imaging, waterproof, rugged, smartphone. Waterproof to 5m · Thermal imaging camera · Drop-proof to 1.8m

Bill and Melinda Gates, Warren Buffett https://www.gatesnotes.com/2017-Annual-Letter?WT.mc_id=02_14_2017_00_AL2017_GL-GN_&WT.tsrc=GLGN”

<http://www.computerworld.com/article/3198652/windows-pcs/the-windows-malicious-software-removal-tool-has-been-updated-for-wannacry.html>

“The Windows Malicious Software Removal Tool has been updated for WannaCry

Defensive Computing By [Michael Horowitz](#), Computerworld | May 26, 2017 12:07 PM PT

Microsoft offers a number of free anti-malware tools. Windows 10 and 8.1 users have Windows Defender. Windows 7 users can chose between the full-featured Microsoft Security Essentials (MSE) or the limited Windows Defender. But all Windows users have access to the

Malicious Software Removal Tool (MSRT) even though they may not be aware of it.

FEEDBACK: Get in touch with me privately by email at my full name at Gmail or publicly on twitter at @defensivecomput. ([Michael Horowitz](#)) (at) (gmail.com)

Download Malicious Software Removal Tool from Official Microsoft ...

<https://www.microsoft.com/en-us/download/malicious-software-removal-tool-details.aspx>

4 hours ago - Windows Malicious Software Removal Tool (MSRT) helps keep Windows computers free from prevalent malware. MSRT finds and removes ...”

With Patch Tuesday imminent, make sure you have Automatic Update turned off

You have to patch sooner or later, but there’s no reason to directly expose your machine to malformed missives from Microsoft

http://www.computerworld.com/article/3206705/microsoft-windows/with-patch-tuesday-imminent-make-sure-you-have-automatic-update-turned-off.html?google_editors_picks=true

Hard Disk Sentinel

Hard Disk Sentinel Professional

ALERT: "Hard Disk Failure predicted". Are you prepared?

Detect hard disk drive issues before catastrophe strikes

“Monitor and Protect Your Precious Data With Hard Drive Sentinel

Review by Gabe Goldberg, APCUG Representative, Potomac Area Technology and Computer Society; APCUG Advisor, Region 2, [ggoldberg \(at\) apcug.org](mailto:ggoldberg@apcug.org). (Email Gabe if you have questions - DY)
<https://apcuq2.org/gabe-goldberg/>



“TechBoomers.com - Free Website 36 Major Courses and App Courses <https://techboomers.com/> <https://techboomers.com/c/social-websites>
TechBoomers.com is a free educational website that teaches older adults and others with basic computer skills how to use popular websites and apps. (Seems excellent: DY)

<https://techboomers.com/p/facebook> <https://techboomers.com/t/delete-facebook-account>

WeChat for Web: <https://web.wechat.com/> is a messaging and calling app that allows you to easily connect with family & friends across countries - the course: <https://techboomers.com/p/wechat> ”

DY: Always read many reviews before trying any of these websites and apps!

http://www.chinadaily.com.cn/opinion/2014-08/25/content_18478846.htm

“<http://www.patacs.org/patwindows10.html> Resources Suggested by Our Members” Excellent - DY

“Microsoft Updates Windows 10 With Ransomware Protection Feature ...

<http://fortune.com/2017/06/29/microsoft-windows-ransomware/>

Jun 29, 2017 - Microsoft is adding new features to Windows 10 that it says can help keep users safe from ransomware and malware attacks.

Here’s What Microsoft Is Doing to Save You From Ransomware Lisa Marie Segarra Jun 29, 2017

Amid a global wave of ransomware attacks, Microsoft is adding features to its Windows 10 software that may help keep users safe.

The latest Windows 10 Preview Build released to some Windows Insiders on Wednesday has added a new feature called “controlled folders,” Microsoft says. The new feature aims to protect files from malicious apps and other threats by monitoring changes made to contents within a controlled folder.

Read more: Everything to know about the recent ransomware attacks

<http://fortune.com/2017/06/27/petya-ransomware-cyber-attack/>

The documents, pictures, movies and desktop folders are automatically added as controlled folders, which cannot be changed by users.

Microsoft says that users will get a notification if any malware or blacklisted applications attempt to change a protected file. Windows Insiders can activate controlled folders via the Windows Defender Security Center under Virus & Threat Protection in settings.

Users can also allow apps they trust to make changes. Trusted apps can be added through the Controlled Folder Access Panel.”

<https://crossbar-inc.com/en/applications/consumer-electronics/> Consumers create, access and distribute enormous quantities of rich multimedia every day and expect to stream and enjoy that ...

Hidden Tricks Inside Windows 10, Even if you think you know it all, you don’t. Evan Dashevsky

May 26, 2017 2:35PM EST <https://www.pcmag.com/feature/347136/hidden-tricks-inside-windows-10>

<http://www.the-tug.org/> <http://www.the-tug.org/01-2017.pdf> to <http://www.the-tug.org/07-2017.pdf>

Top US websites, adult info, do not use under age 18 <http://www.alexa.com/topsites/countries/US>
Alexa.com YouTube <https://www.google.com/search?q=alexa.com+youtube&ie=utf-8&oe=utf-8#q=alexa.com+youtube&tbm=vid> or <http://tinyurl.com/m7y6jtb> DY: Alexa is an Amazon company.

“SLO Bytes, PUSH Archives <http://slobytes.org/push/index.html> (12 years of articles! **Massive!** DY)
These articles have been provided to APCUG by the author solely for publication by APCUG member groups.

The PUSH articles are identified by the month in which they were placed on the SLO Bytes web site, not by the month when APCUG made them available for publication.

Click here to see a condensed index of PUSH articles by year and month or use the search engine to find APCUG PUSH articles on the SLO Bytes site. (DY: Go to above web link for details)

PUSH Articles - January 2017 to SLO Bytes Newsletter - July 2005 - PUSH Articles Index”

Network World Data Center Alert

<http://link.networkworld.com/view/56210ec518ff437b3e8b529b5zekk.wzt/84d693a9>

Google, IBM look to mimic the human brain

Two projects—one from Google and one from IBM and the U.S. Air Force—propose building neural computers that provide more power and consume less energy than supercomputers. Read More ?

12 top tech fields of the future

<http://www.networkworld.com/article/3194710/careers/12-top-tech-fields-of-the-future.html>

<http://www.networkworld.com/article/3196361/security/new-products-of-the-week-5-15-17.html>

<http://www.networkworld.com/article/3197667/mobile-wireless/new-products-of-the-week-5-22-17.html>

How to Set Up TorGuard VPN to Stay Private Online

<https://www.extremetech.com/internet/248319-set-torguard-vpn-stay-private-online>

Protect your online privacy with the 5 best VPNs

<https://www.extremetech.com/internet/244993-protect-online-privacy-five-best-vpns>

Free VPNs <https://www.google.com/search?q=free+VPNs&ie=utf-8&oe=utf-8>

<https://www.pcmag.com/roundup/285788/the-best-free-vpn-services>

5 Epic Inventions You MUST SEE!

https://www.youtube.com/watch?v=t_Cv8HSgaXg

Google: fire fighting robot history, wildfire fighting robot, wildfire fighting Boeing 747

https://www.youtube.com/results?search_query=747+supertanker+video

<https://www.extremetech.com/extreme/138110-built-to-last-computer-systems-that-simply-cannot-fail>

A failing computer system can be a problem in some settings, but it’s catastrophic in others. No one likes when their computer crashes out while in the middle of an overnight render, but the cost of that delay is nothing compared to a failure in a mission-critical environment, such as in a hospital, on a satellite, or, in the case of Curiosity, on another planet entirely. These extraordinary settings have led to the creation of specialized computer systems that are designed to work in high-demand situations, often for years on end. They are, not surprisingly, some of the most interesting computer systems out there.

<https://www.wired.com/2011/02/looking-inside-boeings-new-747/>

How Self-Driving Cars Work, and When They'll Get Real

<https://www.extremetech.com/extreme/252112-what-is-a-self-driving-car>

The first truly hands-off, self-driving cars will be here within five years. Fully autonomous cars without steering wheels or gas and brake pedals may be 10 years away. That's the consensus among automakers. By some definitions, several automakers have cars on the road today that meet a limited definition of autonomous driving.

But what does that mean exactly? Let us help. Here's a rundown of the six levels of autonomous driving (0-5), as defined in 2014 by the Society of Automotive Engineers (SAE) via document J3106. We'll also go over the various hurdles to be resolved before cars can fully drive themselves: technical, cost, legislative, liability, and public acceptance.

https://www.extremetech.com/wp-content/uploads/2017/07/SAE_automated_driving_barchart_2014-640x551.jpg

SAE Level 0: no self-driving features, Level 1: limited driver assistance, Level 2: modest self-driving, Level 3 ("conditional automation") is real automation, albeit with conditions, Level 4: self-driving; driver isn't a fallback, Level 5: completely autonomous.

Academics and philosophers ponder whether the AI code that steers the cars has a secret routine that decides whether, in an unavoidable accident, the car will veer one way into a concrete wall and kill the occupants, or swerve the other way and mow down pedestrians. The reality: self-driving cars will likely be safer, reducing injuries, fatalities, and costs.

Why Cars Are Moving to 48-Volt Electrical Systems April 26, 2017 at 11:30 am

48-volt electric turbochargers and motor generators can yield big savings. A \$2,000 investment might increase fuel economy 20 percent. <https://www.extremetech.com/extreme/247889-cars-moving-48-volt-electrical-systems>

How to download videos from YouTube By Ben Patterson PCWorld | Jul 11, 2017 3:12 AM PT

<http://www.pcworld.com/article/3206687/data-center-cloud/how-to-download-youtube-videos.html>

Hint: It's illegal!!! For Windows and Macs, maybe ok for smartphones

5 Amazing Inventions you MUST See https://www.youtube.com/watch?v=t_Cv8HSgaXg

<https://www.google.com/search?q=5+Amazing+Inventions+you+MUST+See&ie=utf-8&oe=utf-8>

Google's Go playing computer

https://www.youtube.com/results?search_query=go+playing+computer

Jeopardy Watson IBM Fast Computer Artificial Intelligence Software Win Million Donation Human Ken Jennings Brad Rutter QA Question Answer English Natural Language Review Full Part 1 2 3 Day Feb 14 16 2011 TV Quiz Show Chess Blue Gene, Alex Trebek

<https://www.youtube.com/watch?v=P0Obm0DBvwI>

<https://www.howto geek.com/t/windows/> <https://www.howto geek.com/t/mac/>

<https://www.howto geek.com/t/ios/> <https://www.howto geek.com/t/android/>

<https://www.howto geek.com/t/smarthome/> <https://www.howto geek.com/t/photos/>

Trump May Doubt Climate Change, Pentagon Sees It as Threat Multiplier

<http://tinyurl.com/y9dtv3wa> or <http://www.military.com/daily-news/2017/06/02/trump-may-doubt-climate-change-pentagon-sees-it-looming-threat.html>

Jun 2, 2017 - The Pentagon has been warning for years that climate change ... Another Pentagon report in 2015 called climate change a "threat multiplier."

'Superintelligence' of AI and humans working together could solve climate change and end wars, researchers claim <http://www.dailymail.co.uk/sciencetech/article-3380709/Superintelligence-AI-humans-working-solve-climate-change-end-wars-researchers-claim.html>

'Wicked' problems are difficult to solve due to many interacting systems
These types of problems include climate change and geopolitical conflict
Human computation merges human intelligence and AI to solve problems

By [Cheyenne Macdonald](#) For [Dailymail.com](#)

Published: 16:24 EDT, 31 December 2015 | Updated: 13:14 EDT, 1 January 2016

[In the fight against 'wicked' problems, computers may be humans' best allies.](#)

Researchers from the Human Computation Institute and Cornell University say that the combination would create a superintelligence, and it could take on growing issues like climate change and geopolitical conflict. New technologies use crowd-sourced input and interactive tools to produce collaborative results that go beyond traditional problem-solving, they claim.

Wicked problems are those which are difficult to solve because of the complexity of the underlying issues. They involve many interacting systems which are always changing, and the solutions have unforeseen consequences, according to the Human Computation Institute. By joining with computer intelligence, humans could expand upon their own abilities to create 'multidimensional collaborative networks,' the researchers say.

This could more effectively produce solutions. In human computation systems, data are processed by a computer and also analysed by humans.

Current systems of this type rely on individually completed 'micro-tasks,' which are later stitched together for a final result. New technologies aim to approach wicked problems where micro-tasking alone fails, breaching the traditional limits.

While humans outperform machines in certain tasks, like pattern recognition and creative abstraction, combining the two intelligences could make for unprecedented approach to global problems.

One Cornell program, [YardMap.org](#), uses human computation to map global conservation efforts. In this interactive platform, participants can build upon each other's work.

TAPPING INTO SUPERINTELLIGENCE

New technologies use crowd-sourced input and interactive tools to produce collaborative results that go beyond traditional problem-solving. By joining with computer intelligence, humans could expand upon their own abilities to create 'multidimensional collaborative networks,' the researchers say, which would more effectively produce solutions.

In human computation systems, data are processed by a computer and also analysed by humans.

Current systems of this type rely on individually completed 'micro-tasks,' which are later stitched together for a final result. While humans outperform machines in certain tasks, like pattern recognition and creative abstraction, combining the two intelligences could make for unprecedented approach to global problems.

“Can IoT turn back climate change? <https://www.ibm.com/blogs/internet-of-things/climate-change/>

January 11, 2017 | Written by: David Curry

Stepping away from the industry titans, IoT might also be able to lower climate change in rural areas. Giving farmers sensors and connected devices might remove most of the guesswork with pesticides, fertilizer, and water amounts, helping farmers get a reliable and efficient harvest. Weather forecasting systems will also help farmers plant the necessary amount and prepare for disasters like drought or floods.

We're already seeing proof of smart cities adopting some weather forecasting and air quality technologies, to make sure their city is sticking to clean energy and air quality policies.

The next step is reversing the impacts of climate change over the past fifty years. That will require a good amount of tree re-planting and a focus on keeping pollution to a minimum, incentivizing industries to use renewable energy where possible.

To learn more about IBM Watson IoT is helping businesses infuse intelligence into their assets and businesses processes, visit our website today. ”

This article originally appeared on ReadWrite. <https://readwrite.com/>

ReadWrite | The leading Internet of Things News Platform

ReadWrite is the leading media platform dedicated to IoT and Connected World. Forbes named ReadWrite one of the top 100 websites for entrepreneurs.

http://readwrite.com/2017/02/17/five-top-global-smart-cities-light-technology-leaders-cl4/?utm_campaign=coschedule&utm_source=twitter&utm_medium=RWW&utm_content=Five%20of%20the%20top%20global%20smart%20cities%20really%20are%20the%20brightest

Climate change, AI and supervolcanoes among top 12 threats to human civilisation

<http://www.ibtimes.co.uk/climate-change-ai-supervolcanoes-among-top-12-threats-human-civilisation-1488144>

12-Risks-with-infinite-impact.pdf <https://api.globalchallenges.org/static/wp-content/uploads/12-Risks-with-infinite-impact.pdf> 212 pages. (DY: Excellent!)

Carbon Xprize <https://www.google.com/search?q=Carbon+XPrize&ie=utf-8&oe=utf-8>

NRG COSIA Carbon XPRIZE www.xprize.nrg.com/ A \$20 million competition where innovators from around the world reimagine carbon emissions, turning them into valuable products.

<http://www.nrg.com/> <http://advances.sciencemag.org/content/2/7/e1600968>

<https://www.google.com/#q=sadat+archer+carbon>

Can Chemists Turn Pollution into Gold? - Scientific American

<https://www.scientificamerican.com/article/can-chemists-turn-pollution-into-gold/>

Jul 25, 2016 - Archer and his student Wadji Al Sadat built a prototype reactor that combines carbon dioxide with aluminum and oxygen to produce oxalates. Oxalates are used to make acids, rust removers, fabric dyes and other industrial chemicals.

27 Teams Advancing In \$20M NRG COSIA Carbon XPRIZE | NRG ...

<http://carbon.xprize.org/press-release/27-teams-advancing-20m-nrg-cosia-carbon-xprize>

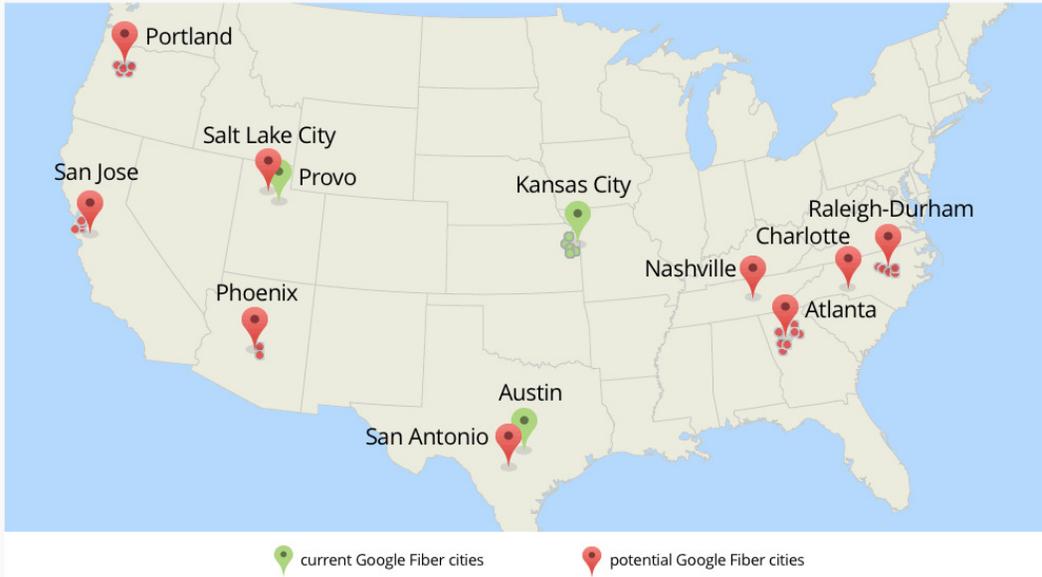
Oct 17, 2016 - Aljadix (Switzerland) – Led by Thomas Digby, the team is producing carbon negative biofuel. ... Carbon Upcycling Technologies (Canada) – Led by Apoorv Sinha, the team is producing graphitic nanoparticles. ... Low-Energy-Consumption CO2 Capture and Conversion (United States) – Led

“MEET THE SEMI-FINALISTS <http://carbon.xprize.org/teams>

We are excited to announce that 23 teams from six countries have moved forward into Round 2 of the competition for the \$20M NRG COSIA Carbon XPRIZE. These teams represent an incredible diversity of approaches to turn waste (CO2 emissions) into valuable products such as fish food, fertilizer, carbon nanotubes and building material. They will push the boundaries of CO2 utilization to create breakthrough solutions that will ultimately contribute to the fight against climate change.”



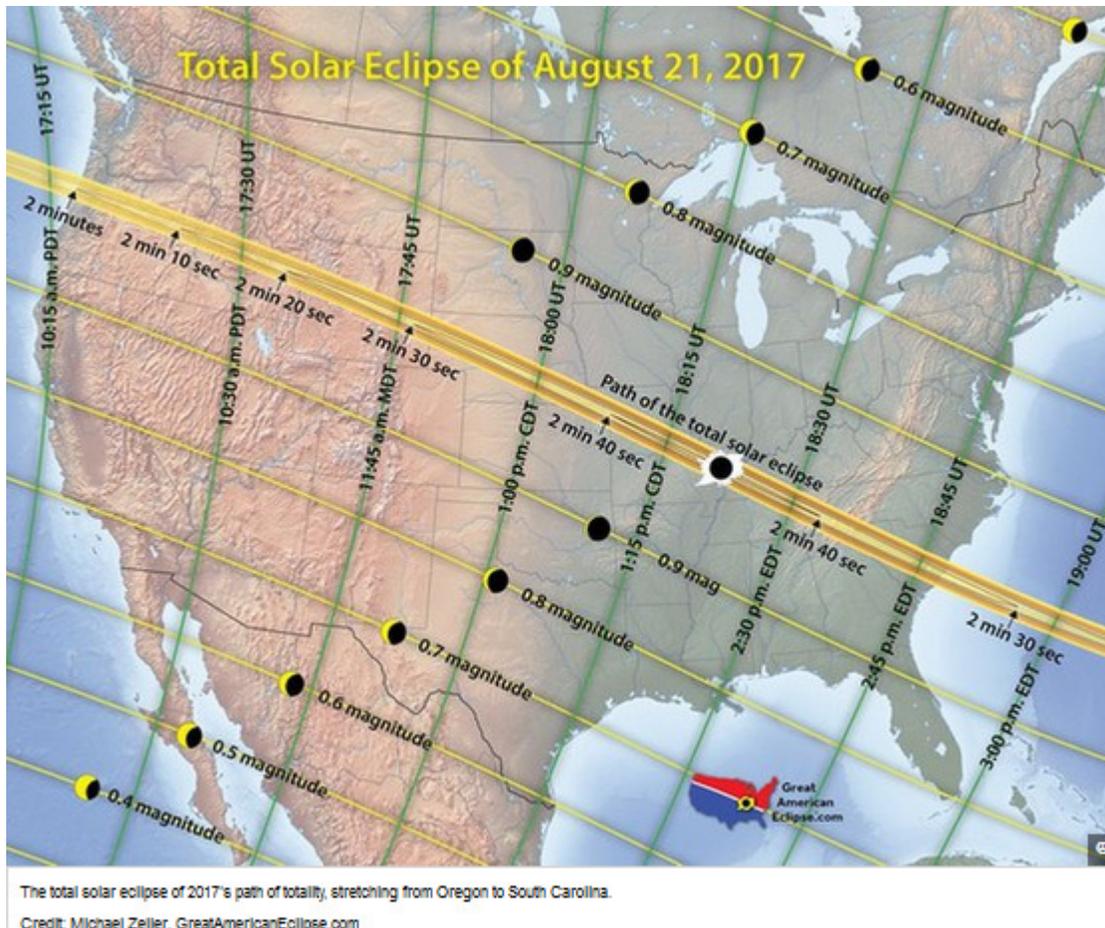
Google Fiber in the near future: <https://readwrite.com/2014/02/19/google-fiber-expansion/>



We’ve begun working with city leaders to explore the possibility of building a super fast network for Phoenix. This means understanding local requirements and challenges – from roads and infrastructure to permits and utility paths. This will take time.

We’d love to keep you updated on our progress. Check your address to be among the first to know when we have more to share. <https://fiber.google.com/cities/phoenix/>

Total Solar Eclipse 2017: When, Where and How to See ... - Space.com <https://www.space.com/>



Total Solar Eclipse 2017: When, Where and How to See ... - Space.com

<https://www.space.com/33797-total-solar-eclipse-2017-guide.html>

6 days ago - On Aug. 21, 2017, a total solar eclipse will darken the skies from Oregon to South Carolina. Here's what you need to know about this rare ...

How to View a Solar Eclipse Without Damaging Your Eyes

<https://www.space.com/35555-total-solar-eclipse-safety-tips.html>

Tucson astronomers, students readying for August's solar eclipse

http://tucson.com/news/science/tucson-astronomers-students-readying-for-august-s-solar-eclipse/article_c6929b02-66dc-58b2-818c-8758b31d939d.html

2017 total solar eclipse National Parks tour - Astro Trails <https://www.astro-trails.com/us-national-parks>
Solar eclipse tour visiting Yellowstone, Bryce Canyon, Grand Canyon, Meteor Crater and Kitt Peak Observatory.

Kitt Peak National Observatory Visitor Center <https://www.noao.edu/kpvc/>

ARE YOU PREPARED FOR THE COMING SOLAR ECLIPSE OF 2017? Participate in one of our solar eclipse preparation classes on Kitt Peak. For quick access ...

Citizen Science for the Great American Solar Eclipse

By: The Editors of Sky & Telescope | February 29, 2016

<http://www.skyandtelescope.com/get-involved/pro-am-collaboration/citizen-science-great-american-solar-eclipse/>

Experience the total solar eclipse with real astronomers from Lowell Observatory in Madras, Oregon - the best place to view the eclipse.

Total Solar Eclipse -- July 11, 1991 <https://www.youtube.com/watch?v=7XhpToLX6KQ>

Best solar eclipses <https://www.google.com/search?q=best+solar+eclipse+videos&ie=utf-8&oe=utf-8>

Welder's glass. Be sure it is #14 or darker. The great thing about welder's glass is that it allows you to view the eclipse directly. Plus welder's glass is a bit more durable than commercial eclipse glasses. If you're like me, you'll forget where you put the commercial eclipse glasses by the next eclipse. With the welder's glass, you can always add it to your rock collection.

<http://photography-on-the.net/forum/showthread.php?t=1186822>

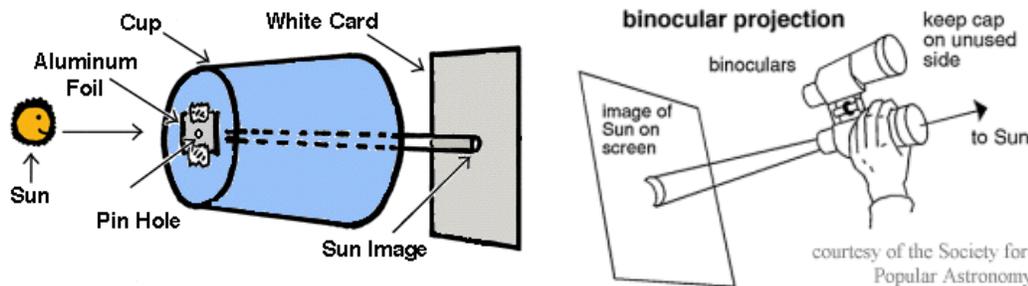
Use a very low ISO number - perhaps 200 if possible

You would be at f/16 or f/22 with a ND filter (or the crossed polarizers) while using Live View, not the undiminished light coming thru a magnifying glass concentrated to one sq. mm. area.

How to Photograph a Solar Eclipse

<https://www.bhphotovideo.com/explora/photography/tips-and-solutions/how-photograph-solar-eclipse?Bl=572&kw=&c3api=0980%2C106232511053&qclid=CLqh1P6XqNUCFYJYfgodoywJZw>

How to Make a Pinhole Camera <https://www.jpl.nasa.gov/edu/learn/project/how-to-make-a-pinhole-camera/>
You don't need fancy glasses or equipment to watch one of the sky's most awesome shows: a solar eclipse. With just a few simple supplies, you can make a pinhole camera that lets you watch a solar eclipse safely and easily from anywhere.



How to Take Pinhole Photos with a Digital Camera - Don't use this for a solar eclipse

<https://www.howtogeek.com/161794/how-to-take-pinhole-photos-with-a-digital-camera/>

Science and Technology During the American Revolution

(1) Why He Was A Babe Magnet - Even when he was old and rotund, Ben had sex appeal.

He knew the way to a woman's heart was through her head

<http://content.time.com/time/magazine/article/0,9171,1005155,00.html>

<https://sites.google.com/site/ncss8and9/revolutionary-war-background/science-s-role-in-the-american-revolution>

(1) "When people think of science during the American Revolution, they think of Benjamin Franklin.

They would be right to do so, as he was a very well known inventor during the time. He was a steadfast revolutionary and was behind the famous "kite in a lightning storm" experiment to prove that lightening bolts were actually very powerful electrical currents. He also invented bifocal glasses and an early predecessor to the wood stove.

Franklin was not the only person inventing during this time period.

(2) Thomas Jefferson was well known for his facilitation of agricultural advances during this time period. Agriculture was easily one of his largest scientific interests. He believed that God had created America to be a farmland. He performed many experiments with crop rotation, cultivation, animal breeding and pest control, among many other things, throughout his whole life. (Jewett)

(3) Some lesser known scientists of the time were (3) [David Rittenhouse](#) and (4) [Benjamin Rush](#). Rittenhouse was an astronomer best known for creating two [orreries](#) (mechanical device that illustrates the relative positions and motions of the planets and moons in the Solar System where the sun is the center of the system)(University of Pennsylvania) that show solar and lunar eclipses and other phenomenal events over a 5,000 year period either past or future. He was also the city surveyor of Philadelphia in 1774, using his observations of space to help create canals.

(4) [Benjamin Rush](#) was a scientist and a physician during the revolutionary war. He was appointed to be the surgeon general of the continental army, but ended up butting heads with Washington and eventually stepped away from anything having to do with the war. He was a beloved figure in Philadelphia and was very involved with social work surrounding the poor and slavery. (Kindig)”

<https://www.fi.edu/history-resources/franklins-lightning-rod>

"Dance of the Sugar Plum Fairy" on the Glass Armonica - invented by Ben Franklin

<https://www.youtube.com/watch?v=eQemvvyJ--g> <http://www.glassarmonica.com/>

<https://www.monticello.org/site/house-and-gardens/great-clock>

<https://www.monticello.org/site/house-and-gardens/tomato>

<https://www.monticello.org/site/plantation-and-slavery/moldboard-plow>

<https://www.monticello.org/site/house-and-gardens/polygraph>

Wheel Cypher (Jefferson Disk) - Thomas Jefferson

<http://www.chipchick.com/2013/02/8-inventions-presidents.html>

<https://www.constitutionfacts.com/founders-library/founding-fathers-inventions/>

Technology of the American Revolution by Ravi Ahuja on Prezi

<https://prezi.com/nozjmehxwqlg/technology-of-the-american-revolution/>

Since July 4, 1776 is when our country declared its independence by our Founding Fathers, here's some info about some of their interests and activities.

(1) [Benjamin Franklin](#) http://www.pbs.org/benfranklin/l3_inquiring_weather.html

<https://www.google.com/search?q=ben+franklin+cadaver&ie=utf-8&oe=utf-8>

<https://www.google.com/search?q=ben+franklin+secret+society+&ie=utf-8&oe=utf-8>

<http://www.benjamin-franklin-history.org/> <http://www.benjamin-franklin-history.org/junto-club/>

The [Culper Code Book](#) was used by the Culper spy ring to send coded messages to George Washington's headquarters during the Revolutionary War. <http://www.mountvernon.org/george-washington/the-revolutionary-war/spying-and-espionage/the-culper-code-book/>

Spy Techniques of the Revolutionary War <http://www.mountvernon.org/george-washington/the-revolutionary-war/spying-and-espionage/spy-techniques-of-the-revolutionary-war/>

Inside a Revolutionary War spy ring <http://video.foxnews.com/v/2826753663001/?#sp=show-clips>

Weapons of the Revolutionary War <https://www.youtube.com/watch?v=xVYPJPqpPno>

Technology During the Revolutionary War of 1763-1789

<https://infogram.com/technology-during-the-----revolutionary-war-of-----1763-1789>

Explore American Revolution, The Battle, and more! <https://www.pinterest.com/pin/449726712770608494/>

<https://www.google.com/#q=revolutionary+war+videos>

George Washington's Secret Six: The Spy Ring That Saved the American Revolution

<https://www.youtube.com/watch?v=yNRLd85eKW8>

The 9 Deadly Diseases That Plagued George Washington | PBS ...

www.pbs.org/newshour/runtdown/george-washingtons-medical-chart/

Jul 4, 2011 - George Washington is a mainstay of history books for fighting everything from the British Empire to a cherry tree, but his private battles may have been the fiercest. Tuberculosis. Malaria. Smallpox. Dysentery. Some of the deadliest ailments of the 18th century attacked him early and often.

“There are many points before and after the Revolutionary War when he could have died,” said Dr. Howard Markel, director of University of Michigan’s Center for the History of Medicine. “He was really quite ill, even when he was president.” (DY more on the above web page.)

https://www.youtube.com/results?search_query=1776+movie

Emergencies - Being Prepared: Survival kit list for disasters - Since summer brings storms to Arizona

<https://www.google.com/search?q=survival+kit+list&ie=utf-8&oe=utf-8>

<https://www.google.com/search?q=disaster+survival+kit+list+pdf&ie=utf-8&oe=utf-8>

Include: first aid kit with personal medications, insulin if needed, hot & cold packs, gallon per day water per person, signal mirror, star map for North Star Polaris, space blankets to ward off heat or cold, cushions, fuel & several ways to make fire and light, solar and hand crank am/fm weather radio, CB radio, plenty of lithium batteries, training videos recorded on a small computer from YouTube, maps and compass training and smartphone GPS, analog thermometer, plastic sheet for a solar still & bowl for water purification, mess kit, dish soap, paper towels, rubbing alcohol. UV sunscreen lotion with high SPF, blinking LED signal lights. Finally get hands on survival and first aid training. See YouTube videos, MRE meals, canned & dried foods, toilet paper, latrine shovel, flares.

Gibson Girl M 357a History: Large kite for signaling - <https://www.carnetdevol.org/gibson/girl-anglais.html> or large kit with blinking LED lights at night. SEND SOS - ‘SAVE OUR SOULS’



HELP: 3 gun shots, 3 smoky fires, SOS on the ground. Don’t - wild fire! Be careful!

<http://mentalfloss.com/article/31911/what-does-sos-stand>

“Iridium Extreme 9575 Satellite Phone WIFI-to-Go Package - Solar and Data

Iridium 9575 Extreme is the toughest handset ever from the only company that offers real global, real mobile, real reliable communications. Engineered with more features and more accessories than any other satellite phone on the market, Iridium 9575 Extreme puts more innovative capability — and more ways to connect than ever before — into the hands of people everywhere.

And it can connect with Iridium AxxessPoint to create a Wi-Fi hotspot to keep in touch on your trusted devices — everywhere. Solar cell battery charger in this kit.

<http://www.satphonestore.com/application-browsing/satellite-internet-31/satellite-internet-personal/iridium-9575-wifi-to-go-package.html>”

<https://www.google.com/search?q=Emergency+Food+Storage+%26+Survival+Handbook+Download+pdf>

<https://www.gosunstove.com/> 4 solar stove models, including cardioid curve reflector model

Emergency Essentials <https://beprepared.com/> request a catalog too. Foods, water & storage, MRE meals, emergency gear, emergency kits, sale items, new items, overstock items.

<https://beprepared.com/biolite-campstove.html> “BioLite® CampStove

The BioLite CampStove burns biofuel - such as sticks, twigs, and pinecones - more efficiently than a regular wood-burning stove. And, with the help of a battery-operated fan in the housing, the super-efficient fire produces very little smoke and is able to produce enough extra power to charge your USB

devices while the fire burns. The fan's battery is also charged by the stove, so you don't have to worry about remembering to change its batteries while you're out in the wilderness. This stove is easy to set up and best of all, the fuel is free! "

<https://beprepared.com/gosun-sport-solar-oven-pro-pack.html>

<https://beprepared.com/sunflair-deluxe-solar-oven-kit.html> Deluxe Solar Oven Kit

<https://beprepared.com/sunflair-deluxe-solar-oven-kit-with-wapi.html> Deluxe Solar Oven

<https://beprepared.com/affiliate/> "Affiliate Program: By partnering with us, you are part of a fast-growing company with a mission to help people prepare, and to serve, build, and inspire our community. Our affiliate program has been proven successful, and it's easy and free to join."

<https://beprepared.com/emergency-gear/cooking-equipment.html>

The Swiss Army Survival Tampon: 7 Survival Uses <https://knowledgeweighsnothing.com/the-swiss-army-survival-tampon-7-survival-uses/>
Explore Survival Videos, Survival Guide, and more! <https://www.pinterest.com/pin/211035932510812581/>

The Man & Myth <http://www.mountvernon.org/george-washington/the-man-the-myth/>

Cherry Tree Myth · George Washington's Mount Vernon

<http://www.mountvernon.org/digital-encyclopedia/article/cherry-tree-myth/>

Martha Washington <http://www.mountvernon.org/george-washington/martha-washington/>



Mount Vernon George Washington's Home

<http://www.mountvernon.org/>

<http://tinyurl.com/yd86fwky>



Monticello Thomas Jefferson's Home

<http://home.monticello.org/>

<http://tinyurl.com/y73bs95x>



Benjamin Franklin House

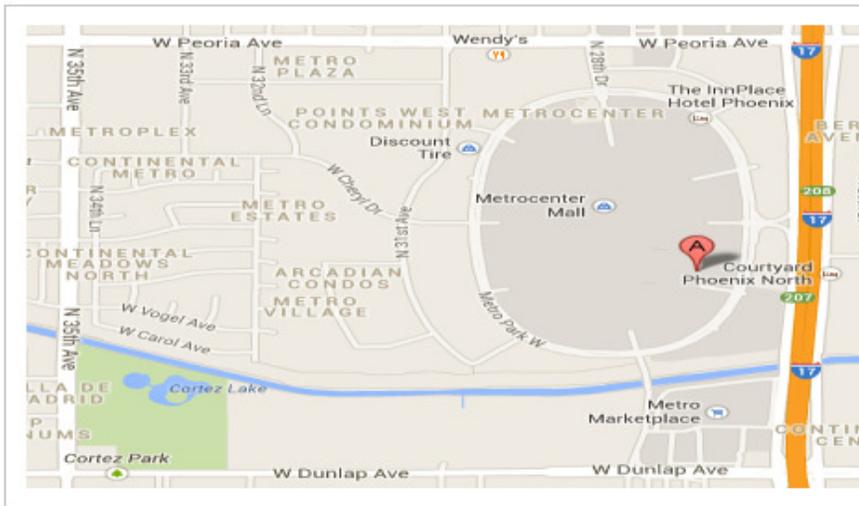
<http://www.benjaminfranklinhouse.org/>



John Paul Jones House

<http://portsmouthhistory.org/john-paul-jones-house/>

HOW TO GET THERE - MAPS TO MEETINGS



West-Side-Meeting

CollegeAmerica

www.collegeamerica.edu/phoenix

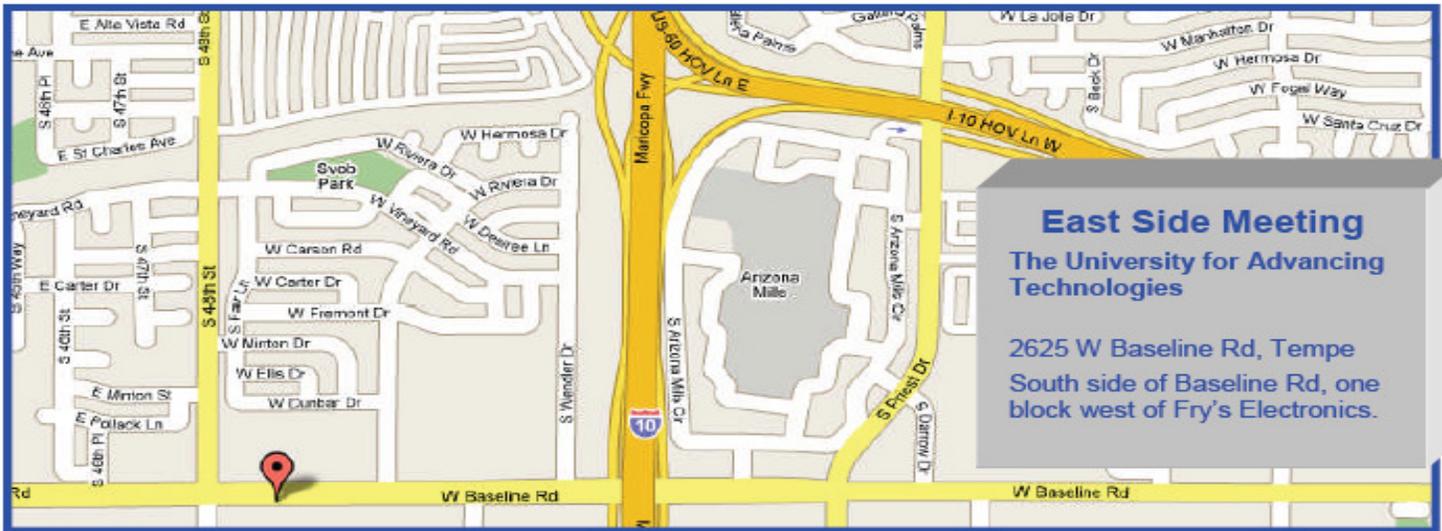
9801 N Metro Parkway East

Phoenix, AZ 85051

Phone: (602) 257-7522

Google map error, "the red A" is actually east side of Metro Parkway

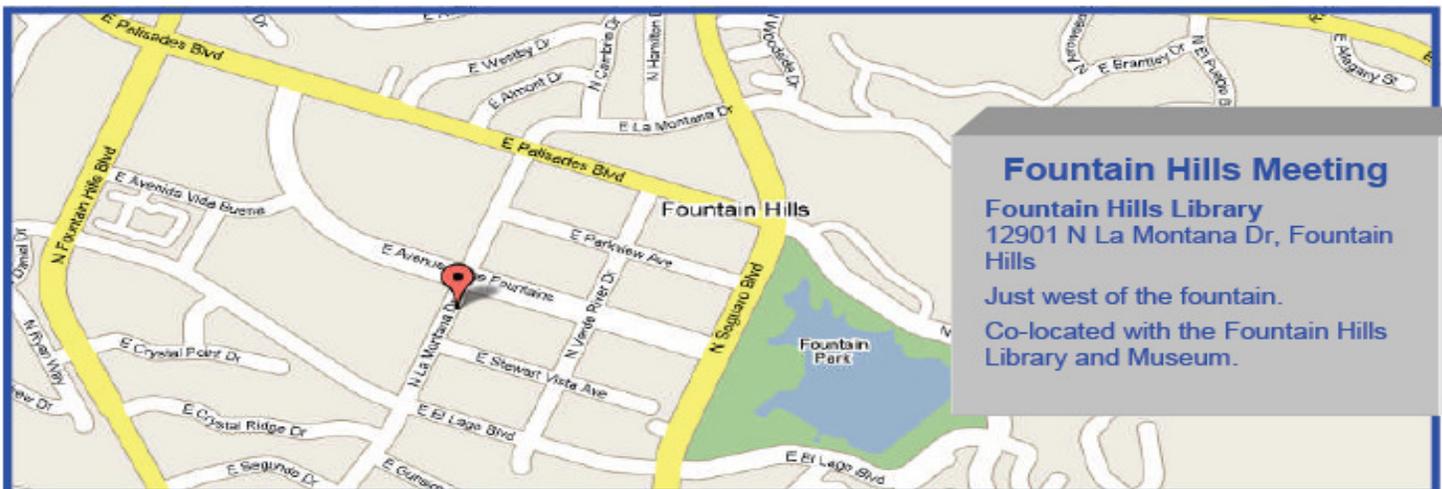
Exit Peoria Ave west, past I-17, turn first left, go south on the frontage road, turn right at the first driveway past Cheryl Drive, CollegeAmerica is the white building on your right (north). North of Castles & Coasters amusement park.



East Side Meeting

The University for Advancing Technologies

2625 W Baseline Rd, Tempe
South side of Baseline Rd, one block west of Fry's Electronics.



Fountain Hills Meeting

Fountain Hills Library
12901 N La Montana Dr, Fountain Hills

Just west of the fountain.

Co-located with the Fountain Hills Library and Museum.

(DY: Read our previous newsletters for more info!!!)

MEMBERSHIP DUES

The Official Policy of the Phoenix PC Users Group is that we do not condone software piracy in any form.

*2017 DUES \$36, prorated
Example - \$9 for 3 months*

Phoenix PC Users Group Membership Application

First: (Print Legibly) _____ Initial: _____

Last: _____

Address: _____

City, State: _____ Zip Code: _____

Home or Cell Phone: _____ Work Phone: _____ Ext: _____

Please note: We **DO-NOT** share phone numbers outside the club, and will generally only use your phone information, if we cannot contact you in a timely fashion, via email, or the club website.

Receive Electronic PDF newsletter in place of a printed one: Yes _____ No _____

E-mail address: _____
(Print Legibly)

Signature _____

Date _____/_____/_____

Release my address to vendors ? Yes _____ No _____ Note: Phone numbers will not be listed.

May the club share your e-mail address with other members only? Yes _____ No _____

With club approved vendors? Yes _____ No _____

Mail this completed form with payment to:

**Phoenix PC Users Group
PO Box 45451
Phoenix, AZ 85064-5451**



*The Best Accessory
for your PC!*

APCUG2.ORG and AZACC.com member.

Our Web address: www.phoenixpcug.org also see www.phoenixpcug.org/newsletters

The Newsletter of the Phoenix Personal Computer Users Group
"Users helping users to understand computers".

PHOENIX PC USERS GROUP
PO Box 45451
PHOENIX, AZ 85064—5451

STAMP

PLEASE NOTE - OUR NEW ADDRESS