

# October Meeting: Glady CAMPION: *MOOC's*

Volume IV (New Series), Issue 10 — October 2014

7:00 P.M. Tuesday (the 28<sup>th</sup>) at the Regional Center, 4801 Springfield Street, about one mile west of the Air Force Museum — click [here](#) for a map. All DMA meetings are free and open to the public. Plenty of free onsite parking, too. Also reachable via RTA bus route 11 — click [here](#) for a system map. The building is handicapped-accessible. Bring a friend!

“**M**OOOC” STANDS FOR *Massive Open [Enrollment] On-Line Courses*,” an exciting new trend in higher education. It is an offshoot of “distance learning,” which in its turn is merely a new term for old-fashioned correspondence courses, but nowadays conducted using the Internet and the World-Wide Web. A wide selection of MOOC’s can be found [here](#). Many of these are given by unfamiliar institutions, with names like [Saylor.org](#), [Coursera](#), or [Canvas.net](#). However, many come from better-known colleges and universities such as Stanford University in California, and the “Ivies” — yes, Harvard, Princeton, and Yale — all offer MOOC’s!

Join us to hear DMA Trustee and past President **Glady Campion** discuss the fascinating world of MOOC’s this Tuesday, the 28<sup>th</sup> at the Regional Center, 4801 Springfield Street, approximately one mile west of the Air Force Museum. Parking is free, the building is wheelchair-accessible, and can be reached by bus. Bring a friend.

**The Databus**  
Newsletter of the Dayton Micromoncomputer Association, Inc.

Classic COMPUTERFEST T-shirts and branded merchandise from “way back when” will still be available at this DMA meeting. Each item is a piece of DMA history — and so *reasonably* priced, too!

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\* Save a tree — or at least a branch! If you’re one of those people who must *print* THE DATABUS rather than reading it directly from your monitor screen, and your DMA membership is not expiring, don’t print page 15, which only has a Membership Form on it.

**M**INUTES are usually published almost *two months late*. This is because the Minutes for, say, the September Board meeting must be approved by the Trustees at the following month's meeting — in this case, early October. The corrected and approved September Minutes will thus appear in this (October) issue of THE DATABUS, which comes out just before the General Membership Meeting at the end of the month.

## Minutes of the Meeting of the Board of Trustees of the Dayton Microcomputer Association<sup>®</sup>, Inc., 8 September 2014

### CALL TO ORDER

The meeting was called to order at 7:01 P.M. by Gary Coy. Trustees present: Martin Arbagi, Gladys Campion, Gary Coy, Debra McFall, Eric Ottoson, Ken Phelps, Wynn Rollert, Ed Skuya, Jim Ullom.

### OFFICERS' REPORTS

President—**Gary Coy**

The main meeting for August had good participation. Thanks to Martin Arbagi and Gladys Campion for their help with the summer picnic.

Vice President—**Ken Phelps**

No report.

Secretary—**Debra McFall**

Martin Arbagi presented the Minutes for the July Board meeting with changes. Eric Ottoson moved the Minutes be accepted. Wynn Rollert seconded and the motion passed.

Treasurer—**Gladys Campion**

Gladys presented a revenue and expense report for January 1 through August 31, 2014. Sales of branded merchandise have brought in a total of \$444.80 so far.

### COMMITTEE REPORTS

Audit—**Gladys Campion**

No report.

Bylaws Review—**Grant Root**

No report.

Funding—**Open**

No report.

Membership—**Dave Lundy, Gladys Campion**

We have 103 regular members, 5 associate members, 0 student members and 2 life members for a total of 110 members. Attendance for the August meeting was 37 and the 50/50 raffle brought in \$27.

Net Admin Team—**Ken Phelps, Gary Turner**

Ken is working on our Internet Web site.

Programs—**Jim Ullom**

Bob Gosticha will speak on Avast at the September main meeting. Our November main meeting may be held at the Apple Store at the Greene.

**Publications—Martin Arbagi**

The August DATABUS is on the DMA website.

**Nominations—Ed Skuya**

The election will be held at the September main meeting. Nominees: Martin Arbagi, Ray Lower, Chester Howes, Jim March, Gary Turner and Jim Ullom. We will elect officers at the October Board Meeting.

**OLD BUSINESS****Summer Picnic—Martin Arbagi**

We couldn't geocache at the summer picnic due to a conflicting geocache in the area. Weather on the day of the picnic was hot, but everyone still had fun. The big prize was a tablet. Gladys Campion needs to be reimbursed for the \$60 cost of the tablet.

**Holiday Dinner—Gladys Campion**

DMA's annual Holiday Dinner will be at the Spaghetti Warehouse on Tuesday, December 9, 2014. Social hour begins at 6 P.M., dinner begins at 7 P.M. and the prize drawing begins at 8 P.M. We are trying to get at least sixty people to sign up so we can get a larger room this time.

**NEW BUSINESS****Storage Locker Clean-Up Committee—Debra McFall, Gladys Campion**

Debra and Gladys took an inventory of items in the storage locker on August 16, 2014. Gladys will find out how long records need to be kept and our next step will be to shred or dispose of old records. We hope to reduce the size of our storage locker by October in order to save money.

**Board Meetings—Gladys Campion**

The next Board Meeting will be held on Monday, October 6, 2014 at Tsao's Cuisine, 3989 Colonel Glenn Hwy, Fairborn, OH 45324. Please come at 6 P.M. if you would like to eat first.

**GOOD OF THE ORDER**

MVCS is having its Joint Fall Dinner on September 25, 2014. The subject of their talk is Persistence Surveillance.

**ADJOURNMENT**

Gary Coy moved to adjourn at 8:10 P.M. Martin Arbagi seconded and the motion passed.

***Respectfully Submitted,***

***Debra McFall, Secretary***



**5% Discount to DMA  
members!**

*(Special orders excluded.)*

## The WOW! Computer: A Review

By Jon MAZUR, President, CPUUser Group, PA

<http://cpusergroup.apcug.org>

Cpusergroup (at) hotmail.com

HOW MANY OF YOU THINK COMPUTERS ARE STILL HARD TO USE? Well, I think I have the answer for you. I recently had the chance to review quite possibly the world's easiest computer, from setup to actual use. I'm talking about the WOW! Computer from FirstStreet. My 72 year old brother was actually looking to purchase a new computer and had asked me to do a little research on computers that would be easy for him to use. I stumbled upon the WOW and suggested he check out some videos I found for him on line. After a few back and forth discussions with him, he decided to go for it. He got into computers in 1995 and after twelve years of frustration using Windows, he had me convert his two other machines to Linux and he has never looked back. The reason that I mention Linux is that the WOW actually runs a custom version of Linux called Tiny Core Linux. After he found that out it was a no brainer.



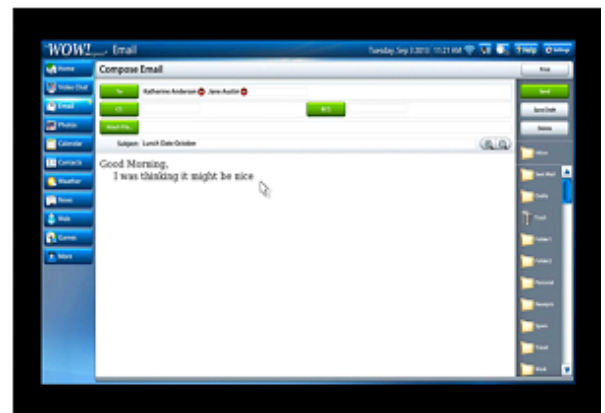
(Continued on page 5)

Here are some highlights of the WOW! Computer:

- Innovative touch screen design — one finger can control everything! (it even comes with a stylus so you don't smudge the screen).
- Easy setup — just plug in the power and your high-speed Internet connection and you're on line.
- E-mail is easy with large print and simple instructions.
- One-touch access to many popular Web sites plus simple browsing to the rest of the Internet.
- Built-in video (Skype) chat, games, calendar, and much, much more!
- *New!* Text-to-voice reads your e-mail to you.
- *Coming Soon!* Voice dictation; speak your e-mails instead of typing

Once my brother received his computer it took no more than ten minutes for him to set it up and he had it working and on line in about fifteen minutes — and he is not that computer savvy. The computer, as mentioned before, runs Linux but has a custom front-end interface that is truly user friendly. See the photo on the previous page (page 4), which is what you see when the unit is turned on. The use of e-mail, web surfing, video chatting, photo viewing, CD/DVD playback and much more are all included. Other key points to keep in mind are listed below.

- 27-year old U.S. based company (Virginia)
- 1-month risk free trial (no questions asked)
- Lifetime tech support (phone and remote access)
- U.S.-based tech support
- No hidden fees
- No sales tax (at least not in Pennsylvania)
- \$50 shipping charges
- Free HP printer (–\$50 if you already have one)
- Easy setup
- Closed ended software system
- Runs Linux operating system
- Company handles all updates
- Cost: \$1079 with the printer or \$1029 without



#### Product Specifications:

- ♦ CPU — Intel 847 Celeron Dual Core Processor
- ♦ Monitor — 22" High Definition, 16:9 wide screen panel (1920 X 1280 pixels)
- ♦ Touch Panel — Multi-Touch Screen
- ♦ Graphics Card — AMD Radeon HD 6310 Discrete-Class Graphics
- ♦ Memory — 2G DDR3 / DDR3 SO-DIMM X 2 Slots



(Continued on page 6)



(Continued from page 5)

- ♦ Wireless LAN — 802.11 b/g/n
- ♦ Hard Disk Drive — 500GB 3.5" SATA II
- ♦ Optical Drive — Tray-in DVD Super Multi (plays CD's too)
- ♦ Speaker — Two built-in, front-facing 3W Stereo Speakers with SRS Premium Sound Technology
- ♦ Webcam — Built-in 1.0 MP Webcam and Microphone
- ♦ Rear Input/Output — 4 USB 2.0 ports, 1 microphone input, 1 earphone output, 10/100/1000 LAN jack
- ♦ Side Input/Output — 6 in 1 memory card reader, 4 USB 2.0 ports (one with super charger), 1 DC jack
- ♦ Power — 65W AC Adapter
- ♦ Wired Keyboard/Mouse — Keyboard and Mouse included
- ♦ Supports HP printers only (for now)
- ♦ Dimensions — 22" W x 16 3/8" H x 10 1/8" D (including space needed for stand)
- ♦ One year hardware warranty

### Conclusion:

This is truly a great computer for those of you who are tired of the Windows or Mac rat race or who just want to simplify your computing life. My brother, for the first time in many years, truly is enjoying using his computer. A couple of things to keep in mind: (1) The computer uses a closed ended software system, meaning you *cannot* install any software on it yourself. So if this is something that you like to do, this system is definitely not for you. (2) Also the cost of the computer is \$1079 with the printer or \$1029 without. This may be a little steep for most people but keep in mind that you are getting *lifetime* tech support that is *U.S. based*. In closing I would say that this is a system that is pretty much maintenance and worry free.

You may contact me at [cpusergroup@hotmail.com](mailto:cpusergroup@hotmail.com) if you need further information on this system or visit the [FirstStreet Web site](#).

[EDITOR'S NOTE: Mr. Mazur's enthusiastic review should be taken with a grain of salt. As he himself observes, the WOW! PC is a *closed* system, in other words, no additional software other than that which comes preloaded on the machine — not even Linux programs such as GNU Cash (a Quicken lookalike) or GIMP (similar to Adobe Photoshop) — can be installed, although the user can save documents and photographs.

A friend bought one for his older brother, now approaching 90. Because of its simplicity, the brother enjoyed the WOW! ... *at first*. But as he became more at ease with PCs and adept at using them, he eventually went to a Windows machine — and a cheaper one at that. At \$1,079, the WOW! is an expensive way of learning how to use personal computers. Perhaps one should consider buying a \$500 Windows PC and investing the remaining \$579 in training courses.]

... TDB

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**—Strolling Down Memory (Core) Lane—***Museums and On-Line resources Help Preserve Computing History*

By Gabe GOLDBERG, APCUG Advisor, Region 2 /

Gabriel Goldberg Computers and Publishing, Inc.

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I HAD VERY MIXED FEELINGS the first time I saw computer technology I'd used in my career exhibited as museum artifacts. And I had a similar reaction to seeing mainframe genealogy ("System/360 began ...") in computer history books. While the good news is that today's mainframes are close relatives of that first generation on which many of us grew up, it's easy to forget how much things have changed, and how far we've come. (Remember 25MB 2314 disk packs, giant 100MB 3330s and timesharing mainframes with half-megabyte memory?) At the same time, newcomers often lack the perspective to understand how things originated and why the computing world looks the way it does.

So it's interesting and instructive touring real-world and virtual computing museums, lovingly created and maintained by generations of professionals — many of whom designed, built and used the equipment written about and shown.

But where to start? Searching yields about 407,000 website hits.

<https://www.google.com/search?q=%22computer+museum%22>

Of course, adding keywords such as "mainframe" and "IBM" winnows results down to only 127,000 and 66,000, respectively.

Unsurprisingly, the first general search result is the Computer History Museum. Organized in the 1960s to exhibit Gordon and Gwen Bell's personal technology collection in Digital Equipment Corporation's Boston lobby, it's now housed in a multi-million dollar showplace in Mountain View, California. Its website offers a wealth of both survey and more thorough reading material. Exhibits include technology "prehistory"; modern computer origins, development and history; game playing; system restoration; and seminal industry contributors recognized as Museum Fellows, including Konrad Zuse and IBMers Fran Allen, Erich Bloch, Gene Amdahl and Bob Evans.

A major new exhibit, "Revolution: The First 2,000 Years of Computing," includes a mainframe gallery, based around an IBM System/360 Model 30 CPU and showing three 2411 magnetic tape drives and a 1311 disk drive. In short, it's a typical smallish System/360 installation. A small display also describes System/360 solid logic technology (SLT)—halfway between integrated circuits and transistors, chosen when integrated circuits weren't quite mature enough to use on a large scale and transistors were already "old tech." Searching the online Revolution exhibit for mainframes yields more than 60 hits. The main System/360 story is here.

Further north along the West Coast, another museum has a different orientation: presenting major historic computing technologies in action, showing how people used them. Founded by Microsoft's Paul Allen, The Living Computer Museum in Seattle includes such blinky-light wonders as Princeton University's huge System/360 Model 91 console panel. Real old-timers can try their

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hands and test their memories working on an IBM sorter and keypunch, and try to convince younger relatives that these were once mainstream computing technology. Non-IBM computers include DEC's PDP-7/8/10KI/11, Sigma 9 and Unisys V380.

Many museums cover the whole computing spectrum, exhibiting different amounts of main-frame history and technology. A bit off the beaten path is the American Computer and Robotics Museum in Bozeman, Montana, describing itself as "The world's oldest continually operating museum of its kind" and "Inch for inch, the best museum in the world."

In Washington, D.C., the Smithsonian Institution — nicknamed "The Nation's Attic" — of course has computing resources. An online COBOL exhibition lets you "learn about COBOL, or Common Business Oriented Language, one of the first computer-programming languages to run successfully on different brands of computers." The Computer History Collection includes artifacts related to producing, collecting, modifying, manipulating and using information in modern American society, with two dozen mainframe computers or components. There's plenty more to be nostalgic about, including 100 peripherals, 1,000 electronic components and 450 electronic calculators. Plus 150 cubic feet of documentation — which sounds like less than what I had to move whenever I changed programming jobs!

Overseas are several museums in Germany, where many computers and related technologies originated, and where IBM has for decades had major development and manufacturing facilities. Stuttgart has Computermuseum der Fakultät Informatik, which includes a 4331 Model 2 complete with at least a few of its manuals.

Not far from Stuttgart, there's indeed history galore was exhibited at the IBM museum in Sindelfingen. Unfortunately, it's moved to IBM's Böblingen laboratory where they're building a new exhibit, but focus has changed and the primary audience is IBM customers. So it's not open to the public.

The Heinz Nixdorf Museums Forum in Paderborn, Germany, is billed as the world's largest computer museum. In more than 6,000 square meters of floor space, it depicts the 5,000-year history, present and future of information technology, from origins of numbers and characters in 3000 B.C. to the 21st century computer age. The museum's depth is shown by having separate curators for areas such as "punched card technology, PCs and media history" and "typing machines, office technique, German computers and Nixdorf." While it surprisingly has no IBM mainframes, it features original ENIAC components, two Zuse devices (Z11 and Z23) and a Cray 2.

IBM itself has a few historic information resources, found by searching IBM.com.

Endicott, N.Y. — where IBM and many technologies and products originated — is represented by its Visitors' Center. While not tech-centric, it includes the Thomas J. Watson-IBM room which examines his professional career and development of IBM.

The Rhode Island Computer Museum has a diverse collection (from Apollo Jabba to Wang Peripherals) but not many mainframe or IBM items.

Some museums specialize, such as the Computer Graphics Museum in Salt Lake City, though, its presence is still largely online. I'd love to see an IBM 2250 Graphics Display Unit, something I battled with supporting under VM/CMS.

*(Continued on page 9)*



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A group called Mid-Atlantic Retro Computing Hobbyists runs a museum in Wall Township, N.J., with five exhibits: mainframes, minicomputers, homebrew-era computers, business microcomputers and consumer microcomputers.

For more online resources, there's a list of physical and virtual computer museums.

Yahoo's directory lists about a dozen computer exhibits.

Wikipedia describes and lists various museum categories: online, North American, European, Latin American, Middle East and Oceania, along with further reading.

Many online communities exist for reminiscing and chatting about bygone systems; two such lists are here. <http://www.classiccmp.org/lists.html>

Researching this article tempted me to join multiple museums, but I'll content myself with mapping their locations and attempting to connect the dots by visiting as many of them as possible. Perhaps I'll log equipment and systems found on which I worked.

Much has been written on computing's origins and evolution. Two books essential for mainframers are *IBM's Early Computers* and especially *IBM's 360 and Early 370 Systems*.

Sometimes museums are found in surprising places. I describe a friend's home as being decorated in "early mainframe," since he's tastefully placed various mainframe components—large I/O devices and controllers and such, not mere circuit boards or control panels—in rooms and hallways. They made me feel nostalgic, since I'd used and worked on many of them. My wife was less impressed, calling the house a computer mausoleum, proving that one person's interesting museum is another's ... well, let's not call it that. So check out the worldwide assortment of tributes to computing technologies we've all used which shaped today's world. And explore the computing world's diversity; browse a bit beyond System/360 and its descendants to see how others have computed.

This article first appeared on <http://www.destinationz.org> and is used with the author's permission. Gabe Goldberg has developed, worked with and written about technology for decades. He can be contacted at [destination.z@gabegold.com](mailto:destination.z@gabegold.com)

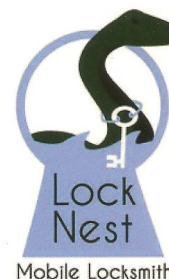
[EDITOR'S NOTE: Mr. Goldberg's original article had an enormous number of hyperlinks. To save space, I have embedded these links. Click on the underlined text to reach each one. The COBOL link (page 8, line 9) apparently no longer exists. There seems also to be at least one duplicate link.] ... TDB



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**—Musings: An Irregularly Written Column—**

By Steven M. SCHOEMANN

The Dayton Microcomputer Association, Dayton, OH ([DMA1.org](http://DMA1.org))

Steve (at) GemAir.com

**A** FEW NIGHTS AGO, I was sitting around and thinking about the changes I have been fortunate enough to have seen, and been part of, in the personal computer world. Immense changes have occurred in processors, graphics and storage. I can remember when we used eight inch disks that stored less than 80k on one side. At the same time, many of us were using cassette tapes to store data, because floppy drives were too expensive. It was great when floppy drives became more reasonable in price. When we went to double sided disks, both eight inch and five and a quarter inch, many people thought that they had died and gone to heaven. Of course, the 720k 3.5" disks were just great, and soon, that changed to 1.44 MB. IBM's two MB 3.5" format never made an impact because Iomega had a device that stored 100 MB and was released about the same time. There were competitors, but they never made a large scale impact, even if they were superior. Just because you have a better idea and a better format doesn't mean you will have success.

At the same time that the floppy disk world was changing, the hard drive world was changing. Hard drives were getting smaller, faster, stored much more data, and were dropping in price. I can remember when my friend, the late Bruce Hansford, bought his first 1GB hard drive. He couldn't imagine that he would ever need anything with larger capacity. I wonder what he would say today about the size of our operating systems.

The nice thing about our storage devices is that they keep getting less expensive. Let's take a look at flash drives. I prefer to call them thumb drives. The prices just keep going down. In the fall of 2000 I bought my first thumb drive, 64MB of storage for \$40.00 and that was a great deal at the time. Most similar thumb drives were selling for at least \$60.00. I still have that thumb drive and use it as a backup device to store small documents. A year or two later I bought a 1 GB drive for about \$24.00. It was a great deal at the time, but laughable now. Just the other day, I was looking at the prices and capacity of thumb drives. Without even trying to find the best price I found the following:

- 4GB (USB 2.0) – \$4.99
- 8GB (USB 2.0) – \$4.99
- 16 GB (USB 3.0) – \$7.99
- 16 GB (USB 2.0) retractable – \$6.99
- 32 GB (USB 2.0) – \$12.99
- 64 GB (USB 3.0) – \$34.99 (I saw a USB 2.0 for \$24.97, but I had never heard of the manufacturer)
- 128 GB (USB 3.0) – \$59.99



I am sure you can find better deals than these, but I only went to one web site and tried to stay with major manufacturers. I think I saw a 256 GB drive for around \$131.00 a couple of weeks ago and a 1TB drive for around \$915.00. I am sure that within a year or two these drives will be much

*(Continued on page 11, bottom)*

<b>Dayton Microcomputer Association</b> <b>Events for November 2014</b> For additions or corrections, contact <a href="#">Dave Lundy</a> For details, such as location and contact info, please select Text type display.						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 3:00-5:00pm <a href="#">Classic Computers</a>
2 <a href="#">Daylight Saving Time Ends</a>	3 7:00pm <a href="#">DMA Board of Trustees</a>	4 6:30am-7:30pm Election Day	5	6 6:30pm <a href="#">Genealogy SIG</a>	7	8
9	10 7:00pm <a href="#">Dayton Diode Mtg.</a>	11 <a href="#">Veterans Day</a> 7:00pm <a href="#">Investment SIG</a>	12 7:00pm <a href="#">Dayton Dynamic Languages Users Group</a>	13	14	15 3:00-5:00pm <a href="#">Classic Computers</a>
16	17 <a href="#">Amateur Radio SIG canceled effective Oct. 21, 2014</a> 7:00pm <a href="#">Apple-Dayton SIG</a>	18 7:00pm <a href="#">How-To SIG</a>	19	20 7:00pm <a href="#">Linux SIG</a>	21	22
23	24	25 7:00pm <a href="#">DMA Main mtg.</a>	26	27 Thanksgiving Day	28	29
30						



**Click anywhere on the DMA Calendar (above) to go to the original at DMA1.org.**

*(Steve Schoemann, continued from page 10)*

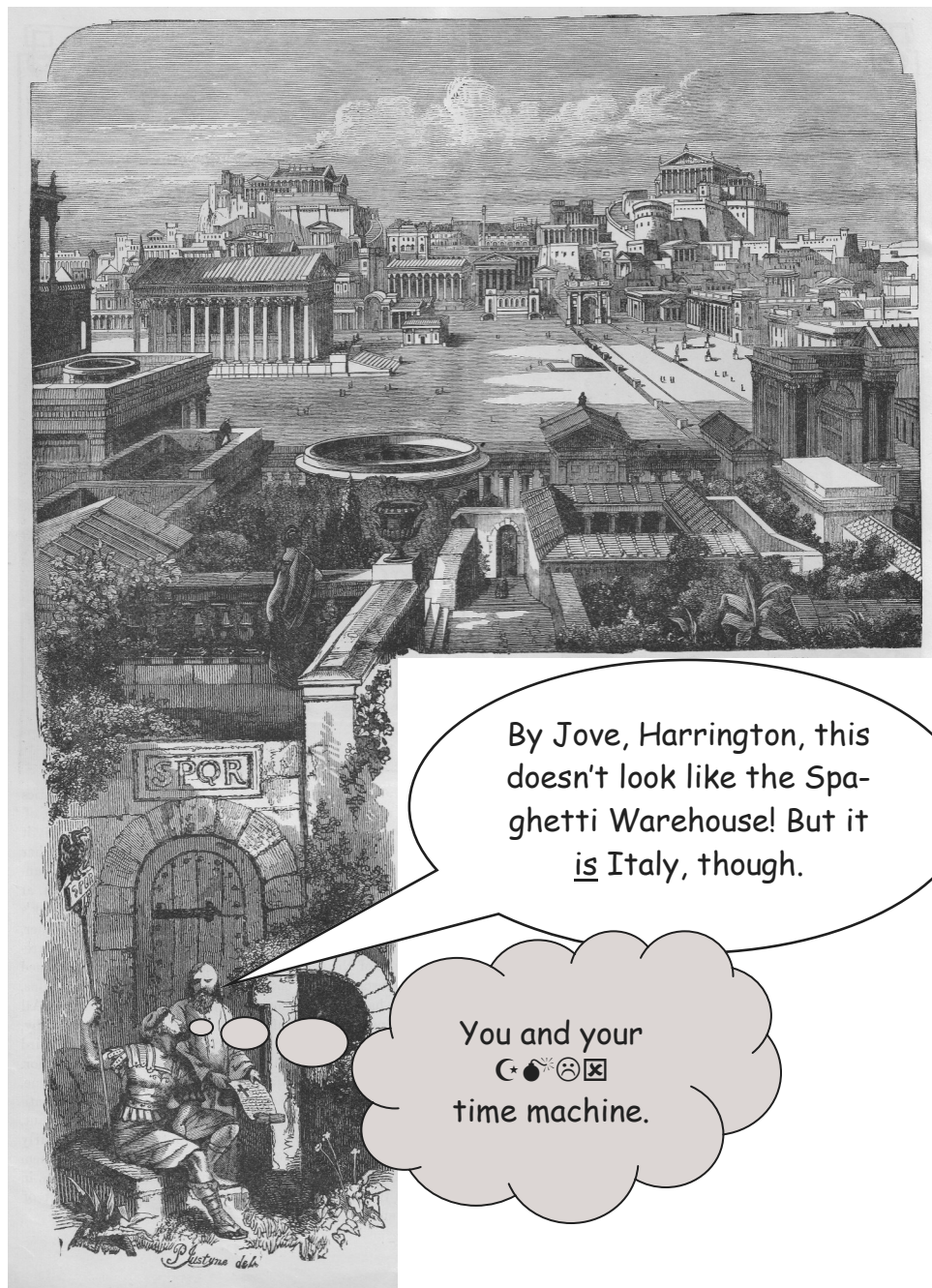
less expensive. I wish Bruce were still with us. I would love to hear his thoughts on the price of storage. And I didn't even mention cloud storage.

I have no idea why I am still using my 64 MB thumb drive with these inexpensive alternatives available. I need to get that 32 GIG thumb drive out of the desk drawer!

[EDITOR'S NOTE: I have somewhere in my house an early 1980s-vintage advertisement for a "Winchester" (hard) drive with 1 meg capacity. It cost \$12,000 (in 1980s money) and weighed about fifty pounds! Will reprint the ad in THE DATABUS when I find it.]

... TDB





DMA's 2014  
*Holiday  
Dinner*

Tuesday,  
December 9  
Attitude  
Adjustment  
(cocktails):

6:00 P.M.,

Dinner:

7:00

Drawing for door  
prizes begins at 8:00.



- \* Poor Harrington can't come because of a bad line of code in his friend's time machine (check the printout in his friend's hand), but *you* can!
- \* We'll meet at The Spaghetti Warehouse, on 5<sup>th</sup> Street downtown. (Click [here](#) for a map.) Order from a shortened version of the regular menu.
- \* Lots of door prizes — almost everyone wins!
- \* \$5.00 ticket cost helps pay for door and grand prizes.
- \* Tickets available *now* from Gladys Campion!



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*Your 2014/15*

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ESTABLISHED IN 1976, DMA is a group of Dayton-area professionals and hobbyists in the field of computing and information technology. General membership meetings are usually on the last Tuesday of each month. DMA has a number of Special Interest Groups (SIGs) in areas ranging from digital photography and genealogy to the Linux operating system. Each SIG meets according to its own schedule. DMA is a member of Association of Personal Computer Users' Groups (APCUG) and the Affiliated Societies Council (ASC). Click on any of the logos — including our own — to go to that organization's Web Site.



## Submissions ...

THE DATABUS welcomes compliments, complaints, suggestions, and especially articles. We can accept articles in ASCII, or as attachments in Microsoft Word or Works, Open Office Writer, Word Perfect, or, yes, even WordStar (a word-processing program that goes all the way back to the 1980s)! No PDF files, please. Send e-mails to:

[Editor@DMA1.org](mailto:Editor@DMA1.org)

All articles are subject to editing for spelling, grammar, usage, and space. Always retain a copy of your work, as THE DATABUS cannot be responsible for loss. When articles are of roughly equal quality, those by paid-up DMA members usually receive preference.

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## James L. Dalley

September 11, 1943 - October 8, 2014

### Obituary

DALLEY, James "Jim" L., age 71 of Beavercreek, OH, passed away on Wednesday, October 8, 2014. Jim was born in Logan, Utah and grew up in Ogden and Salt Lake City, UT. He was preceded in death by his father James Edwin Dalley. He is survived by his mother Beulah Walther Dalley, wife Ina Van Aalst Dalley; sons Gerald (Dianna) Dalley, Kevin (Jennifer) Dalley, Steven (Lisa) Dalley; daughters Marika (Adam) Snider, Lawanna (Robert) Casto; sisters Gay (Laurel) Willis, Linda (Wallace) Carroll, Carla (Howard) Cleavinger and numerous nieces and nephews. Jim served in the United States Army, Utah National Guard and attended Weber State College. He received a B.S in Electrical Engineering from the University of Utah. He started his career at IBM in Rochester, MN and then worked for a variety of companies as a software engineer. He was a Sr. member and past president of IEEE, past president of DMA (Dayton Micro Computer Association) and a member of DARA (Dayton Amateur Radio Association). Jim was a lifetime member of The Church of Jesus Christ of Latter-day Saints. As a young man, he served a church mission to the Eastern Atlantic States Mission. Jim volunteered his skills as Emergency Communications Director and as a Merit Badge Counselor and Boy Scout Committee Member. Funeral services will be held at 10 am on Friday, October 17, 2014 at the Church of Jesus Christ of LDS, 3072 Shakertown Rd, Beavercreek, OH 45434 with Bishop Blaine Worthington officiating. Interment will follow in Woodland Cemetery. The family will receive relatives and friends at the TOBIAS FUNERALHOME – BEAVERCREEK CHAPEL, 3970 Dayton-Xenia Rd. at Grange Hall Rd. from 6pm – 8pm on Thursday, October 16 and at the church on Friday, October 17 from 9 am until the time of services. Condolences may be expressed to the family at [www.tobiasfuneralhome.com](http://www.tobiasfuneralhome.com)

### In Memoriam ...

**J**IM WAS THE AUTHOR OF AN ARTICLE: "The *Original 'Atom' Processor*," in the July 2012 DATABUS, page 7. Click [here](#) to read that issue. As DMA President, Jim expertly handled the complex and delicate negotiations concerning the sale of the original DMA.org domain name to the Dallas (Texas) Museum of Art.

**DMA Membership Application/Renewal**

PLEASE ALLOW UP TO THREE WEEKS FOR APPLICATION PROCESSING AND INTERNET SET-UP

Name: \_\_\_\_\_ Birth date: \_\_\_\_/\_\_\_\_/\_\_\_\_  
mo. day yearAssociate Name: \_\_\_\_\_ Birth date: \_\_\_\_/\_\_\_\_/\_\_\_\_  
mo. day year

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (Home) (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ (Work) (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ x \_\_\_\_\_

I wish to have my name and address published in the club roster: YES ☐ NO ☐

E-mail address: \_\_\_\_\_ @ \_\_\_\_\_

Name of DMA member who recruited me: \_\_\_\_\_ (only new regular memberships)

Are you a current or recent DMA Member? Yes q No q Change of Address only? q Today's date: \_\_\_\_/\_\_\_\_/\_\_\_\_

If you are renewing, please give your Membership Number (from your membership card) \_\_\_\_\_

**Type of Membership**Application is for: New Membership ☐ Membership Renewal ☐ Associate Membership\* ☐If applying for free student membership, please give school name and student ID number: Available only for students under 22 years old. (Student Members *cannot* vote in DMA elections.)

School Name: \_\_\_\_\_ Student ID#: \_\_\_\_\_

\* A family or associate membership is an additional membership for a member of your immediate family or someone else who is living in the member's household. If this is a family or associate membership, give name of regular member:

Dues/Fees (Dues and Fees are subject to change without prior notice):

Membership (one year — New or Renewal)

1.) ☐ \$25.00

Family or Associate Membership (must live at same address as regular member)

2.) ☐ \$12.50Free Student Membership for students under 22 yrs of age. (Student Members *cannot* vote in DMA elections.)3.) ☐ FREE

Please assign me a user ID for E-mail and Usenet news access one-time setup fee for new E-mail accounts.

4.) ☐ \$10.00

Total — Lines 1 and 2 (+ 4 if checked)

5) \$ \_\_\_\_\_

☐ Cash☐ Check

Check # \_\_\_\_\_

Make your check payable to Dayton Microcomputer Association, Inc. (DMA), and then send the check and application to:  
PO Box 340402

Beavercreek, OH 45434-0402

DMA Use only: Membership # \_\_\_\_\_

Exp. Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Processed by: \_\_\_\_\_

REV: 25 November 2013

Click [here](#) to pay your dues  
using PayPal. Simplified  
Membership Form, too!