

— The DataBus —

Monthly Newsletter of

The Dayton Microcomputer Association

Volume XII (New Series) Nº 1 & 2 (January/February 2022)

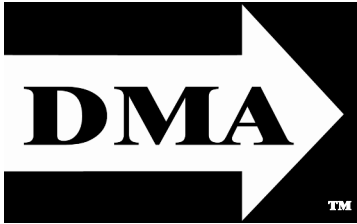
Cryptocurrency & Blockchain



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SAVE A TREE (or at least a branch)! If you prefer to print your DATABUS rather than read it directly from a monitor, don't print page 15 unless you need to become a member or renew your membership.



Post Office Box 4005
Dayton, Ohio 45401
(937) 777-DMA1
(777-3621)

Visit us at:

DMA1.org

Your 2021/22 Officers:

President

Gary COY

Vice-President

Edwin DAVIDSON

Secretary

Glady CAMPION

Treasurer

Pat FLYNN

*Officers need not be
Trustees.*

Trustees:

Glady CAMPION

Edwin DAVIDSON

Patrick FLYNN

Peter HESS

Chester HOWES

Ken PHELPS

Dave SCHWAB

Ed SKUYA

Gary TURNER

Webmasters:

Mark CAMDEN
& Brent KERLIN

Webmaster Emeritus:

Dave LUNDY, +4/13/20

ESTABLISHED IN 1976, DMA is a group of Dayton-area professionals and enthusiasts in the field of computing and digital information technology. General Membership Meetings are usually held on the last Tuesday of each month. DMA has a number of Special Interest Groups (SIGs) in areas ranging from digital investing and genealogy to the Linux operating system. Each SIG meets according to its own schedule. DMA is a member of the Association of Personal Computer Users' Groups (APCUG) and the Affiliated Societies' Council (ASC). Click on any of the logos—including our own (top left)—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 plain text, Microsoft Word, Open or Libre Office Writer, or, yes, even in WordStar (a word-processing program that goes back to about 1980!). Send articles to:

Editor@DMA1.org

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

ALL REGISTERED TRADEMARKS, for example: the DMA Arrow, APCUG, Linux, Mailchimp, Windows, WordFence, or Zoom, are the property of their respective owners. However, the Registered Trade Mark symbols (® or ™) have been omitted for better readability. The Editor occasionally inserts comments into articles. Such comments are sometimes preceded by the phrase: "EDITOR'S NOTE," are often in square brackets [like these], and are always in sans-serif type, like these paragraphs.

THE DATABUS is written and published by volunteers. We do not give professional advice on hardware, software, or network installation, repair, security, or troubleshooting. If you need expert assistance or repair for your digital device or network, please seek the advice or services of a qualified professional.

February Meeting: 7:00 P.M., Tuesday, the 22ND
No Driving—No Parking—No Charge*

* This is a “hybrid” meeting: via ZOOM, but also in person. Come at 6 P.M. if you wish to join us in person for dinner at T. J. Chump’s Restaurant in suburban Huber Heights, next door to the Meijer’s Supermarket. Click *here* for a map. The restaurant has free parking. It is also accessible via RTA bus routes 18 and 19, but there is a short walk from the bus stop in the Meijer’s department store parking lot to the restaurant.

Chris & Jim GULD:
Cryptocurrency & Blockchain

Cryptocurrency & Blockchain

... A Video presentation by Chris & Jim GULD

BY NOW, MOST OF US have heard the name **Satoshi Nakamoto** and his involvement in creating the first decentralized cryptocurrency, Bitcoin, using a cryptographic hash function. And how ownership records of cryptocurrency are kept in a digital ledger, a decentralized data base called a “blockchain.” But very few of us could explain what all that means. Tonight, we are consulting the Geek Squad, Chris & Jim Guld, to provide a palatable explanation of both cryptocurrency and blockchain.

Why should we care? Cryptocurrency may be difficult to wrap your head around, but it is all around us now and spreading fast; not just in the US, but internationally, and in our own neighborhoods. Governments and large banks are paying attention to this entirely new asset class. Companies that currently accept cryptocurrency include: Paypal, Starbucks, NewEgg, Home Depot, Amazon, and the list keeps growing. Did you know there are several Cryptocurrency ATMs in the Dayton area?

As nationally known seminar presenters, Chris & Jim have been professional computer trainers since 1983. From 2003 to 2017 they lived full-time in a motorhome and toured the country presenting technology seminars at RV rallies, computer clubs, and even people’s homes. They offer a long list of free how-to videos on their YouTube channel: <https://GeeksOnTour.com>

Chris wrote the book on Google Photos. <https://learngooglyphotos.com>

Our meeting starts at 7 P.M. DMA members will receive an invitation by e-mail for ZOOM. Others may request an invitation using <http://www.dma1.org/contact-us/> Or... join us in person at T. J. CHUMPS, 7050 Executive Blvd in suburban Huber Heights in suburban Huber Heights, next door to the Meijer’s Supermarket. Click *here* for a map. The restaurant has free parking. It is also accessible via RTA bus routes 18 and 19, but there is a short walk from the bus stop in the Meijer’s department store parking lot to the restaurant.

... TDB

—What Happened to the January Issue of THE DATABUS?—

COVID struck the Editor and his family in December — and yes, we *were* all fully vaccinated! In January, we were shoveling out from an avalanche of work that accumulated, and THE DATABUS fell to the bottom of the heap. We’ll try to be timely for the rest of the year.

Minutes are normally published almost two months late, because the Minutes for, say, the January Board meeting must be approved by the Trustees at the *following month's* meeting — in this case, early February. The corrected and approved January Minutes would thus appear in the February DATABUS (this issue), published toward the end of the month. Since there was no January issue (see bottom of page 3), December and January Minutes are given here.

Trustees' meetings are on the *first Monday of each month*, except when that day is a legal holiday, for example: Labor Day in September. During the epidemic, Trustees began meeting via ZOOM. This was so successful that they have decided to continue the practice indefinitely. Meetings begin at 7 P.M. and are open to all DMA members. Request ZOOM credentials (that's a fancy way of saying "an invitation") from Treasurer GLADY CAMPION at the November General Membership meeting.

DMA Board of Trustees Meeting of Monday, November 1, 2021

CALL TO ORDER

The meeting was called to order at 6:59 P.M. by Gary Coy, via ZOOM.

Trustees present: Gladys Campion, Gary Coy, Peter Hess, Ken Phelps, Dave Schwab, Ed Skuya, and Gary Turner. Absent: Edwin Davidson, Chester Howes. Guests: Pat Flynn, Mark Camden, Mike Stock.

OFFICERS' REPORTS

President – Gary Coy

Gary talked about challenges in giving the October presentation from the Hustead Ohio Fire Station. He explained the occasional loud interruptions were fire station alert tones. Trustees felt the talk went well. Plenty of good information on Cybersecurity was provided and attendees were listening.

Vice President – Edwin Davidson

No report.

Secretary – Pat Flynn, Gladys Campion

Gladys presented Minutes for the October board meeting. Peter Hess moved the Minutes be accepted as corrected. Gary Turner seconded and the motion passed with Gladys abstaining.

Treasurer – Gladys Campion, Pat Flynn

Pat presented a report for October.

COMMITTEE REPORTS

Audit – Gladys Campion

In progress.

Fund Raising – Peter Hess

So far, there have been no donations yet made to DMA through our fund at The Dayton Foundation.



—Notice—

Because of confidentiality concerns (for example, hackers could readily discover in what financial institutions DMA holds its assets), Treasurer's Reports are not published. However, account balances are available to DMA members on request.

(Continued on page 5)

(DECEMBER & JANUARY MINUTES—Continued from page 4)

Marketing – Peter Hess, Edwin Davidson, Pat Flynn, Debra McFall, Catherine Devlin

Peter sent out press releases about the October meeting.

Membership – Gladys Campion

As of the end of October, we had 50 Regular, 4 Associate, 0 Student, and 5 Life members for a total of 59. Attendance was 29, including 14 who attended in person at TJ Chumps.

Prizes: Mark Camden chose the Targus Octave Backpack, Dean Schrickel picked up the PNY 128 GB 3.0 Attache4 Flash Drive. Pat Flynn took home a pair of Yubico Security Keys.

Net Administration Team – Ken Phelps, Gary Turner, Pat Flynn, Brent Kerlin, Mark Camden

Mark e-mailed the trustees a report by Wordfence on the security of our website, reporting no threats. Mark noticed that the Meetup announcement for the October DMA meeting did not give details on the topic for the evening. And the Meetup announcement for the Friday Python self-study showed 7 announcements for the same meeting.

Programs – Peter Hess

Thanks to Gary Coy for his presentation on Cybersecurity and Windows 11.

November – Dave Schwab will talk about the very newest Raspberry Pi, the Zero 2 W.

December or January – Gary Coy is willing to again do Tech Toys we got (ourselves) for Christmas.

There was some discussion of maybe holding a General Membership meeting in December.

We still hope to schedule talks on MetroNet fiber Internet and possibly Generac.

Trustees also suggested talks about installing Linux on a Google Chromebook, or running Linux on the Windows subsystem for Linux (WSL), or even installing Windows on a Linux Virtual Machine.

Other suggested topics: Ransomware, Deep Fakes, Streaming video, Car hacking, Chromebooks, Bitcoin and Block chain, InitiativeQ.com, Data.ohio.gov, and converting laptops to Chromebooks.

Publications – Martin Arbagi

The October DATABUS issue was posted to the Web site.

UNFINISHED BUSINESS

Wright State Archives – Martin Arbagi, Gladys Campion

Still in progress.

Next Board Meeting

Next Board Meeting will be 7:00 P.M. on Monday, December 6, 2021. We will continue to use Zoom.

List of DMA accounts – Gladys Campion

Gladys is continuing work on a list of all accounts currently held by DMA.

NEW BUSINESS

Microphone & Camera Setup – Peter Hess

Peter raised an issue with the board about communications during General Membership meetings between the attendees on Zoom and those in person at TJ Chumps. The connection is made with a laptop, currently handled by Ed Skuya. When someone at the restaurant wants to speak, they tend to speak from their chair and sometimes can be difficult to be seen or heard. Attendees are reluctant to walk over to the laptop and position themselves in front of the laptop camera. Peter has asked DMA to invest in a free-standing camera and microphone for the restaurant attendees to use.

(Continued on page 7)

Have a business card? Are you a DMA member?

ANY PAID—UP MEMBER of the Dayton Microcomputer Association is entitled to a *free* business card—sized advertisement in THE DATABUS. Send a good—quality image (600 dpi or better) to Editor@DMA1.org, or give your business card to **Martin Arbagi**, the Editor, at any DMA meeting. We can embed a link to your Web site (if you have one) within the image of your card. Under weird IRS regulations, your Web site may not include discount coupons for DMA members, although discount offers may be included in the advertisement *itself*.



Help DMA by using Amazon's SMILE program!



AMAZON, the Internet's largest retailer (if you haven't noticed, Amazon isn't just for books any more!) has a "Smile" feature whereby Amazon donates a percentage of almost any purchase you make to a selected nonprofit organization. There is *no* extra cost to you. Click [here](#) to learn more or [here](#) to go directly to the sign-up page. Be sure to put DMA down as the beneficiary of your purchases.

(DECEMBER & JANUARY TRUSTEES' MINUTES—Continued from page 5)

Trustees need carefully to review their options, since this would involve fairly expensive equipment.

ADJOURNMENT

Dave Schwab moved to adjourn at 9:01 P.M. Peter Hess seconded and the motion passed.

DMA Board of Trustees Meeting of Monday, January 3, 2022

CALL TO ORDER

The meeting was called to order at 7:16 P.M. by Gary Coy, via Zoom.

Trustees present: Gladys Campion, Gary Coy, Edwin Davidson, Peter Hess, Ken Phelps, Dave Schwab, Ed Skuya, and Gary Turner. Excused: Chester Howes. Guests: Mark Camden, Mike Stock.

OFFICERS' REPORTS

President – Gary Coy

We saw a good turnout for the December meeting on “Holiday Tech Toys”. We were pleased to have Judy Taylour of APCUG attending. There was plenty of participation from the group and sharing of new technology.

Vice President – Edwin Davidson

No report.

Secretary – Pat Flynn, Gladys Campion

Gladys presented Minutes for the December board meeting. Ed Skuya moved the Minutes be accepted as corrected. Dave Schwab seconded and the motion passed with Gladys abstaining.

Treasurer – Gladys Campion, Pat Flynn

Pat presented a report for December. [See Note in blue box on page 4.]

COMMITTEE REPORTS

Audit – Gladys Campion

In progress.

Fund Raising – Peter Hess

Peter wants to update the page on The Dayton Foundation Web site for donations to DMA.

Marketing – Peter Hess, Edwin Davidson, Pat Flynn, Debra McFall, Catherine Devlin

Peter is preparing press releases concerning DMA needs and interest in the Gem City Ice Cream Building as a location for a computer museum. Peter sent news releases on the Single Board Computer (SBC) SIG.

Membership – Gladys Campion

At the current time, we have 50 Regular, 4 Associate, 0 Student, and 5 Lifetime members for a total of 59. Attendance was 18, all on-line. No door prizes were awarded at this meeting.

Net Administration Team – Ken Phelps, Gary Turner, Pat Flynn, Brent Kerlin, Mark Camden

Mark e-mailed the trustees a report by Wordfence on the security of our Web site, reporting no threats.

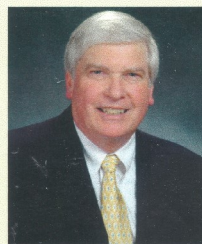
Peter asked Mark about offering branded merchandise on the Web site. One trustee recommended a link on our Web site to a company that produces branded merchandise, like 4imprint.com.

Peter asked about the use of apps like MailChimp, ContactMonkey, or ConstantContact to handle e-mail to large distribution lists. There was some discussion, but no decision was made.

(Continued on page 12)

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May Financial Group, Inc.
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Have you heard ... ?

Ohio Wins Out over Forty states in Attracting Intel Chip Factory

Ohio offered \$2 billion in incentives to lure the Intel Corporation to choose the state to build its new \$20 billion chip manufacturing factory. The factory, to open in 2025, will employ 3,000, along with 7,000 additional workers during its construction. Ohio's development director has noted that the combination of tax breaks and incentives was the largest package ever offered by Ohio to attract a business. *Various press sources*

Right to Repair

The term refers to the concept of allowing end users, business users as well as consumers, of technical, electronic or automotive devices freely to repair these products in case of mechanical or technical failure. The idea is to render electronics easier and cheaper to repair to prolong the life cycle of the devices and reduce electronic waste. Several states have already passed legislation to support the right to repair. *Wikipedia.com*

Do-It-Yourself Repair of Apple Devices!

This month, Apple announced Self Service Repair, which will allow customers who are comfortable with completing their own repairs access to Apple genuine parts and tools. Available first for the iPhone 12 and iPhone 13 lines, and soon to be followed by Mac computers featuring M1 chips, Self Service Repair will be available early next year in the US and expand to additional countries throughout 2022. *Apple.com*

Framework Laptop

First units began shipping in July. This is the first laptop that offers you the freedom to customize, repair, and upgrade the unit without fear of voiding a warranty. Start with a thin, lightweight, high-performance 13.5" notebook. Choose the processor, memory, storage, and whether to fill the four expansion ports with adapters for USB-A, USB-C, HDMI, Display Port, MicroSD, or flash storage. It comes with Windows 10 Home or Windows 10 Pro. Pricing starts at \$999, though you can order the DIY edition and build it yourself for \$749. *https://frame.work*

Microsoft OneDrive Compatibility in 2022

OneDrive applications will stop synchronizing with personal versions of Windows 7, 8 and 8.1 on March 1, 2022. Windows 7 and 8 users will need to update or lose access. Microsoft explains the change is being made "in order to focus resources on new technologies and oper-

(Continued on page 10)

(DIGITAL WHISPERS/HAVE YOU HEARD?—Continued from page 9)

ating systems, and to provide users with the most up-to-date and secure experience”.

“Beginning January 1, 2022, updates will no longer be provided for the OneDrive desktop application on your personal Windows 7, 8, and 8.1 devices,” according to Microsoft’s Ankita Kir-ti.

The closure does not affect business users in the same way, with Microsoft saying that starting January 1, 2022, support for the OneDrive desktop application for business will be aligned with the Windows support life cycle.

Windows 7 and Windows 8.1 are in extended support until January 10, 2023, however Windows 8 reached end of support on January 12, 2016, meaning it no longer receives vital security updates that keep devices safe from the latest cyber threats. *Techradar.com*

Mobile Phone Museum

The museum was set up on line by British industry analyst Ben Wood who collected thousands of phones as a hobby. A launch event was held in London a few days ago where he proudly displayed some of the oldest and ugliest devices. The collection currently has over 2000 individual models from more than 200 different brands. Each donated device is catalogued, labeled, photographed, and stored in a secure facility. New devices are added on a daily basis. *BBC.com*

The museum can be found at <https://www.mobilephonemuseum.com>

6-minute video of Ben Wood at London launch event: <https://www.bbc.com/news/av/technology-59432930>





APCUG Newsletter Contest Winner

The Association of PC User Groups (APCUG), of which DMA is a member, runs an annual newsletter contest for all their member organizations. We were recently notified that Martin Arbagi won Second Place with his submission of THE DATABUS. Great job, Martin!

... TDB

DMA Calendar of Events, through 19 March 2022.

(Click anywhere on the calendar for the fully updated version at our Web site.)

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Feb 13 	Feb 14 Valentine's Day Network SIG 6:00pm Conf Rm Wlmngtn-Stroop Lib 3980 Wilmington Pike	Feb 15	Feb 16	Feb 17 Linux SIG 7:00pm 348 Russ Eng Wright State Univ. Colonel Glenn Hwy	Feb 18 Python Self-Study 2:00pm, Online PyFri Discord See http://d8ndl.org	Feb 19 Classic Computers 3:00pm By phone
Feb 20	Feb 21  <i>President's Day</i>	Feb 22 MAIN MEETING 7:00pm Online -AND- TJ Chumps 7050 Executive Blvd Huber Heights	Feb 23	Feb 24	Feb 25 Python Self-Study 2:00pm, Online PyFri Discord See http://d8ndl.org	Feb 26
Feb 27	Feb 28	Mar 1	Mar 2	Mar 3 Genealogy SIG 6:30pm Online gen-sig@dma1.org	Mar 4 Python Self-Study 2:00pm, Online PyFri Discord See http://d8ndl.org	Mar 5 Classic Computers 3:00pm By phone
Mar 6	Mar 7 DMA Trustees 7:00pm Online	Mar 8 Investment SIG 7:00pm Online investment-sig@dma1.org	Mar 9 Dayton Dynamic Languages 7:00pm Innovation Hub / online http://d8ndl.org	Mar 10 NASAC 6:00pm Hustead Fire Dept. 6215 Springfield- Xenia Springfield	Mar 11 Python Self-Study 2:00pm, Online PyFri Discord See http://d8ndl.org	Mar 12 SBC SIG 2:00pm DARA Clubhouse 6619 Bellefontaine Huber Heights
Mar 13 	Mar 14 <i>Pi Day</i> Network SIG 6:00pm Conf Rm Wlmngtn-Stroop Lib 3980 Wilmington Pike Dayton	Mar 15	Mar 16 	Mar 17 <i>St Patrick's Day</i> Linux SIG 7:00pm 348 Russ Eng Wright State Univ. Colonel Glenn Hwy Beavercreek	Mar 18 Python Self-Study 2:00pm, Online PyFri Discord See http://d8ndl.org	Mar 19 Classic Computers 3:00pm By phone

(DECEMBER & JANUARY TRUSTEES' MINUTES—Continued from page 7)

No problems reported with the Web site.

Programs – OPEN!

Thanks to Gary Coy for giving the best yet presentation on “Holiday Tech Toys”.

January – Gary Coy and Edwin Davidson will talk to us about the “Evolution of PC Technology.”

Recent suggestions for topics include Blockchain by Geeks on Tour, Tech used in space, Avast software.

Other suggestions include “Pandemic Technologies” and “How to handle DMA shell accounts.”

We still hope to schedule talks on MetroNet fiber Internet and possibly Generac.

Trustees also suggested talks about installing Linux on a Google Chromebook, or running Linux on the Windows subsystem for Linux (WSL), or even installing Windows on a Linux Virtual Machine.

Publications – Martin Arbagi

THE DATABUS is not published in December.

UNFINISHED BUSINESS

Wright State Archives – Martin Arbagi, Gladys Campion

Still in progress

Next Board Meeting

The next Board Meeting will be 7:00 P.M. on Monday, February 7, 2022. We shall continue to use ZOOM.

List of DMA Accounts – Gladys Campion

Still in progress.

Computer Museum and the Gem City Ice Cream Building – Peter Hess

Peter sent trustees a list of talking points on past accomplishments of DMA that we might use in talking up the computer museum. Peter is building a coalition of people interested in helping us find a building for our computer museum.

Stephen Frey is focusing his efforts on finding climate controlled space that can be used to collect, inventory, and repair any artifacts related to the computer museum.

Wikipedia Page for DMA – Peter Hess

Peter has found confirmation that DMA would be able to control any *Wikipedia* content we post about our organization. He also mentioned there are alternative sites similar to *Wikipedia*.

Ken Phelps suggested posting our history on archive.org

New SIG Groups

Peter is sending out news releases on the two new special interest groups, the Single Board Computer (SBC) SIG and Network SIG

ADJOURNMENT

Dave Schwab moved to adjourn at 9:22 P.M. Edwin Davidson seconded and the motion passed with no one abstaining.

Respectfully Submitted,

Gladys Campion,

... Secretary

Have a business card? Are you a DMA member?

ANY PAID-UP MEMBER of the Dayton Microcomputer Association is entitled to a *free* business card-sized advertisement in THE DATABUS. Send a good-quality image (600 dpi or better) to Editor@DMA1.org, or give your business card to **Martin Arbagi**, the Editor, at any DMA meeting. We can embed a link to your Web site (if you have one) within the image of your card. Under weird IRS regulations, your Web site may not include discount coupons for DMA members, although discount offers may be included in the advertisement *itself*.

Help DMA by using Amazon's SMILE program!

AMAZON, the Internet's largest retailer (if you haven't noticed, Amazon isn't just for books any more!) has a "Smile" feature whereby Amazon donates a percentage of almost any purchase you make to a nonprofit organization that you select. There is *no* extra cost to you. Click [here](#) to learn more or [here](#) to go directly to the sign-up page. Be sure to put DMA down as the beneficiary of your purchases.

ABOUT THE DAYTON MICROCOMPUTER ASSOCIATION, Inc. (DMA)

By PETER HESS, DMA President, 2018-2020

ABOUT FORTY-SIX YEARS AGO, a small group of computer enthusiasts from the Dayton, Ohio Area gathered around a kitchen table looking at, and playing with, an early personal computer called the Altair 680 that one of them had purchased. This computer had been featured earlier on the cover of the January 1975 issue of *Popular Electronics* magazine. Paul Allen had shown the selfsame article about the Altair to Bill Gates, and later, they wrote software together for that computer. Still later — and still together — Allen and Gates founded the Microsoft Corporation.

Shortly thereafter, those Dayton-area computer enthusiasts joined with many others to form THE DAYTON MICROCOMPUTER ASSOCIATION (DMA), now one of the oldest (if not *the* oldest) continuously operating computer user groups in the world. Typically, computer user groups, and the newer iteration, technology user groups, are volunteer-run operations. The DMA is an all-volunteer led, organized, and run 501(c)(3) non-profit organization.



Now, there are hundreds of computer (or technology) user groups in the world, all of which continue to foster improved communication between technological equipment and software publishers, and users of their products. User groups (both computer and technology) provide an environment where more experienced technology users introduce additional and advanced techniques to novices.

DMA offers both monthly General Membership Meetings, which cover new and innovative topics including a wide range of generic technological topics, and its Special Interest Groups (SIGs) which address concerns about specific technology interests. There are eight different SIGs sponsored by the DMA, covering such topics as the Linux operating system, various programming languages such as Python, the use of technology to investigate genealogy, and digital aids to investing. Neither SIG members nor attendees at DMA General Meetings need be members of the parent organization, though they are encouraged to join so DMA can continue providing its services to the public.

Annual dues for DMA membership, which have not been raised for decades, are \$25 for Regular Members, and \$12.50 for Family/Associate Members (someone living at the same address as a Regular Member). Nonvoting Student Memberships are *free* to students through age 22. Door prizes at General Meetings, picnics, banquets, and other DMA events, and both product and service discounts are available to all DMA members.

... TDB

Dayton Microcomputer Association Membership Form

Today's date ____/____/____

☐ **NEW**

Please credit the DMA member who recruited me: _____

☐ **RENEW**

Contact information below is new ☐ Y ☐ N

TYPE OF MEMBERSHIP

☐ **REGULAR**

Name _____ Home / Work (____) ____ - ____

Email _____ Mobile Phone (____) ____ - ____

☐ **ASSOCIATE** Family Associate membership is for a family member living at the same address as a Regular member. Name of Regular member: _____

Name _____ Home / Work (____) ____ - ____

Email _____ Mobile Phone (____) ____ - ____

☐ **STUDENT** Free Student membership is available to those under 22 years of age, enrolled full-time in a program of higher education. Name of School: _____

Name _____ Home / Work (____) ____ - ____

Email _____ Mobile Phone (____) ____ - ____

Home Address _____

City _____ State _____ Zip _____

INTERCHANGE

Skills & interests you might share with DMA _____

What you hope DMA will provide _____

☐ **SHELL ACCOUNT** A shell account on the DMA web server provides file storage, hosting of a personal non-commercial website, @dma1.org email alias (forwarding address), all for a one-time fee of \$10. A username must be 8 alpha characters. The usual default is last name and first initial, no caps or punctuation. DMA reserves the right of final decision on all usernames: 1st choice _____ 2nd choice _____

DUES AND FEES

Regular membership \$25.00 x ☐ 1yr ☐ 2yr ☐ 3yr \$ _____

Family Associate membership \$12.50 x ☐ 1yr ☐ 2yr ☐ 3yr \$ _____

Student membership FREE \$ 0.00

One-time setup fee for Shell account \$10.00 \$ _____

Total _____ \$ _____

**Note: \$10.00 fee will be charged for any returned checks*

Make your check payable to:

Mail check and application to:

Dayton Microcomputer Association, Inc

PO Box 4005

Dayton OH 45401-4005

Or use Paypal to send your payment to:

membership@dma1.org

DMA use only

Member# _____ Exp ____/____/____ [] Cash [] Check# _____ [] Paypal Proc by _____

Member# _____ Exp ____/____/____ [] Cash [] Check# _____ [] Paypal Proc by _____

Member# _____ Exp ____/____/____ [] Cash [] Check# _____ [] Paypal Proc by _____