Our Next DMA® General Meeting is
Tuesday, Apr. 29 - 7:30 pm, at Univ. of Dayton

Microsoft Mobility in Action

Presented by William Steele

By Edwin Davidson, Acting co-editor, *The DataBus*

I was most impressed the first time, I was introduced to the Tablet PC. I know many people who went to COMDEX and the APCUG conference last fall were not all that impressed, but it might have been a problem with the environment. I saw the Tablet PC for the first time last fall when William Steele gave a very impressive demonstration of this device. He has been most gracious in agreeing to give us all a demo of the Tablet PC, Pocket PC, and the Pocket PC Phone Edition when Microsoft is getting ready to promote the SmartPhone.

As always, Microsoft is hard at work trying to find the best way to help integrators and users with three key groups. *Microsoft Mobile Device News***,** *Pocket Watch Newsletter*, and *Microsoft Windows Embedded DevWire* are the trio of newsletters geared to people trying to figure out how to use these new technologies. *Microsoft Mobile Device News* is focused more on getting general information out to users and engineers

who are trying to integrate work tasks. The *Pocket Watch Newsletter* is giving promotions and giving ideas to make use of your new work and play toys. *Microsoft Windows Embedded DevWire* is aimed at developers making applications for integrating all of these different tools that are used in today's workplace.

The Tablet PC is just the tip of the iceberg. The *Pocket PC* and the *Pocket PC Phone Edition*, along with the *Windows Powered SmartPhone*, are all part of the Microsoft Mobility in Action. The Windows XP set of security protocols along with the Office XP set of tools bring about what you will need to make the Tablet PC work. Save a note in your own handwriting, or convert it to a text document. This sounds easy enough but it is William's demo that made me want a laptop computer for the first time. You do not need all of the office tools with the *SmartPhone* or the *Pocket PC Phone*, but if you want to get the improved security, you will want Windows XP.

Running out of paper will become a thing of the past. You can now take all of your notes along with drawings, and most things you can put to a simple pad of paper can be saved electronically in the various handheld devices you can carry. The *Microsoft Windows Journal Viewer* allows anyone with Windows XP or Windows 2000 to view any documents made with the Tablet PC, which can be downloaded at http:// microsoft.com/downloads/ details.aspx?FamilyID=fad44098- 8b73-4e06-96d4- d1eb70eacb44&DisplayLang=en. Digital ink handwriting gives one more way for creative people to develop applications using the existing application programming interfaces (APIs). Bill is planning to show us how to build applications. I am sure they will be easy to follow demos for most of us, but Microsoft has a host of sites that allow you to download trial software and follow some of the special training links. Security is

DMA®'s May 27, 2003 Meeting   —   TBA   —

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Dayton Microcomputer Association Officers

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C- President	Lisa Singh	937 320-1108	president@dma.org
B- Vice President	Gary Mullins	937-623-2059	vice-president@dma.org
C- Treasurer	John Friedenbach	937-294-8113	treasurer@dma.org
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A=Trustee 3 years from 9/00 • **B**=Trustee 3 years from 9/02 • **C**=3 year Trustee 9/01

DMA® Committee Chairs:

Role	Name	Phone	Email
OTAP Acting Director (Ohio Technology Access Project)	Randy Young	937-298-5530	houserus@dma.org (& otap@dma.org)
Spring (Mar. 15-16) Computerfest® '03	Randy Young	937 298-6165	houserus@dma.org
Membership Chair	Carol Ewing	937-667-3259	ewingc@dma.org
Acting Program Dir.	Edwin Davidson	937-294-8524	winswim@msn.com
Computerfest® Strategic Planning Chairman	Gary Mullins	937-623-2059	gmullins@gemair.com
Publications Chair (DataBus Editor in Chief)	(Open)	937-294-8524	editor@dma.org
DMA® Website	Dave Lundy	937-426-1132	lundyd@dma.org
dmapub Administrators	Dave Nevel, Paul Alquist, Ken Phelps, Gary Turner, Bill Jacobs, Dave Lundy, & Dan Tasch		

DMA®   DMA® Info Line:
937-222-4DMA (4362)

Member Dayton Area Chamber of Commerce

DMA® WEBPAGE: http://www.dma.org

email: **info@dma.org**   **DMA® Data Line:** 937-910-0006

DMA®'s general Post Office Box: P.O. Box 4005, Dayton, OH 45401-4005

Newsletter Winner:
Best User Group Coverage / Large Newsletters,
1998 & 1999 Intergalactic 11 & 12 Conferences in N.Y.

Computerfest®

– – **Next Computerfest®: Aug. 23/24, '03**

http://www.computerfest.com

P.O. Box 2336   **email info:** computerfest@dma.org
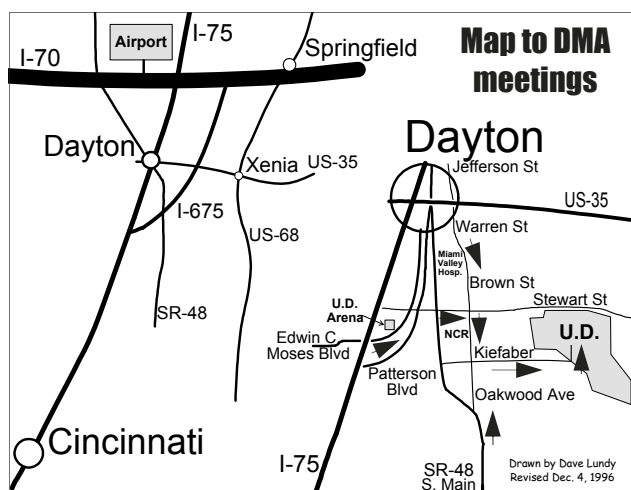Dayton, Ohio 45401-2336

Computerfest® Volunteer Hot Line: 937-222-2010
Computerfest® Phone Nos: **Attendee** info line: **937-22C-FEST** (222-3378)
          Vendor info line: **937-223-FEST** (223-3378)

I-70　　Airport　　I-75　　Springfield

Dayton

Dayton
Jefferson St
Xenia　US-35
US-35
I-675
US-68
Warren St
Miami Valley Hosp.
Brown St
SR-48
U.D. Arena
Stewart St
Edwin C Moses Blvd
NCR
U.D.
Kiefaber
Patterson Blvd
Cincinnati
Oakwood Ave
I-75
SR-48 S. Main
Drawn by Dave Lundy Revised Dec. 4, 1996

DMA®'s main meeting is held in Miriam Hall, O'Leary Auditorium, on UD's campus (add'l map p.29). The meeting starts at 7:30 p.m. Park in lot 'C' on campus (follow the map's arrows) to avoid parking tickets.

Editor's Box:　**Congratulations to Spring 2003 Computerfest® Chair,
Randy Young, and his staff for putting on a great well-attended Show!**
————————————

**Join us at our June 24ᵗʰ meeting for a special presentation entitled
Intel 2003: New Technology Update and Product Review.**

The DataBus

The DataBus is published monthly by the Dayton Microcomputer Association, Inc. (DMA®). Technical articles, product announcements, news items and other items relating to computers, computing and/or computer users are strongly encouraged.

The deadline for submitting material is the first day of the month of publication. Please submit files to the editors (**Editor@dma.org**) by "attaching" them to email in one of the following formats: (in order of preference) MS Word, Wordperfect, or .TXT (with line breaks) — or simply by handing a disk to the Editors at a General Meeting or mailing it to them. The editors reserve the right to edit for clarity, length & style, and to hold or reject any portions of submitted copy. It may be better suited to a later issue. *If you have a specific topic in mind but are not sure how useful it might be to fellow DMA® members, just call an Editor and discuss it.*

Advertisements and want ads are accepted for publication. Non-commercial (for instance, to sell your used printer) credit-card size ads are free to DMA® members. For members, commercial ads of that size are $20.00 per issue. Our present circulation, targeted specifically to computer users, technicians, & IT Managers, is 2,000 copies. For more information on advertising rates, or to obtain a Rate Card, contact an Editor. The mailing address is: *Editor - The DataBus, P.O. Box 4005, Dayton, OH 45401-4005*

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**Winner:
Best User Group Coverage
- Large Newsletters,
'98 & '99 InterGalactic
Conferences in New York**

The opinions expressed in any article or column are those of the individual author(s) and do not represent an official position of, or endorsement by, The Dayton Microcomputer Assn., Inc.

DMA® MEETINGS

Email: happenings@dma.org for updates

Meetings - Guests are always welcome.

- All general DMA® membership meetings are held at 7:30 p.m., University of Dayton, the last Tuesday of each month, except December. See our Web page (www.dma.org), dmapub, or email to: happenings@dma.org for more info.

Our monthly general meeting

consists of a brief opening, SIG reports, announcements, and a 60-90 minute program by a guest speaker, followed by door prizes for members.

Board Meeting -

The regular DMA® Board of Trustees meeting will be held on the first Monday of each month at 7:00 p.m. at DMA's home at 119 Valley St. Dayton, Ohio

Board meetings are open to all. Members are always welcome to attend.

OTAP RECYCLES COMPUTERS -

The Ohio Technology Access Project is a 501c(3) non-profit organization. This all volunteer group of devoted people generously give of their special talents & skills.

OTAP puts donated computers into the hands of people with handicaps, limitations, challenges and special needs- -and provides computers to institutions which serve the needs of these individuals.

DMA® volunteers gather computers and then teach other volunteers machine inspection, testing, diagnostics, as well as adjustment and repair techniques.

After these donated computers are put into working order, they are then provided "as is" to qualified individuals and institutions which request them. Very basic, free, computer instruction follows some computer distribution.

If you would like to learn more about OTAP, please set your browser to http:// www.otap.org Computer donations are tax-deductible and to date, more than 2000 computers have been distributed by OTAP.

If you or your organization wish to donate or receive used equipment, or if you would like to volunteer, please call the Project Manager. Al Russell at (937) 222-2755 or email russella@dma.org.

Located at 119 Valley St., Dayton, OH

DMA®'s Special Interest Group (SIG) Meetings

Do You Have a Specific Computer-Related Interest ? —

and need an organization to support that interest? Are there others you know who would join you? DMA® can help sponsor groups of approx. 6 or more who have common software or hardware interests by providing meeting venues, AV equipment, etc. Contact vice-president@dma.org for more information.

Apple-Dayton SIG -

for those who want to get the most out of their Apple computer & learn about the Apple/ Mac platform. Group meets the 3rd Monday at 7 p.m. at 119 Valley Street now, but watch our website. Contact Keith Ciriegio (meeting coordinator) at 937-773-0676, email: keithc@gemair.com

Certification SIG -

Purpose: to assist you in passing various Certification exams. Meets 2nd Tues. and 4th Wed. of each month. Contact George Ewing, ewingg@dma.org or Larry Ford, lford@woh.rr.com or call 937-361-8917. **Networking SIG** meetings have been combined with this group which now covers both areas.

Classic Computer SIG -

the keeper of the Dayton Computer Museum. Classes in older computer hardware and software are taught by the Curator, Gary Ganger; 1st & 3rd Sat. of ea. mo. 3 to 5 p.m. at the Sugar Grove Church, Email gangerg@dma.org or call Gary at (937) 849-1483 for directions.

Digital Photography SIG

meets 1st Thursday of each month. Interested? Email millard@millard.net or call (937) 879-5419. Covering all aspects of digital photography in a friendly small group atmosphere.

Digital Textiles SIG -

The place to indulge your interest in computerized machine embroidery, cross stitch, knitting, quilting and sewing. Meetings will start at 7 p.m. on the third Thursday of each month at 119 Valley St. Explore what's new in the world of textiles and share your projects and experiences with others who share your passions. Contact Lou Childs for details at 888-276-3578 or lou@downhomedreams.com.

Gaming SIG -

Meets at Online. Please contact SIG leader Bill Myers at gamingsig@technomutt.com or (937) 275-3583 for further details, & http:// www.dma.org/sigs.html for the latest time/date/program information.

Northern SIG -

one of DMA® 's newest SIGs, is for those interested in open source software who live near or north of I-75. For more details, see http:// www.dma.org/northernsig/ or contact Robert Ruby III- aprinciple@hotmail.com

Software Development SIG -

The former Greater Dayton Delphi Group meets 2nd Thurs. each month at 6:30 p.m. at 119 Valley St.. Focusing on all aspects of software development including design, implementation and testing, we are language and platform independent. For more info, call Bill Gross at 937-602-3946 or email him at pss@woh.rr.com.

UNIX/LINUX SIG -

Meets the 3rd Thurs. of each month at 7:00 p.m. in Wright State's Russ Engineering Center. Call Tony Snyder at 275-7913 for info. www.dma.org/linuxsig/

Venture Scouts -

meets 3rd Mondays @ 7:00p.m. at Oak Creek United Church of Christ, on Bigger Road at the corner of Springmill Rd, in Kettering. Please contact Ron Schwartz at: (937) 434-2144 schwartr@gemair.com

Pizza SIG

- the unofficial snack or meal of the computer enthusiast is enjoyed following each DMA® General Mtg. at Marion's Piazza on the corner of Patterson and Shroyer roads. **Use the DMA® coupon on page 30 To help the Club!**

Open to all, it is the "Pizza SIG".

For other user groups with DMA®, see page 31.

(Continued from page 1)

high on the priority list for many people and the Encrypting File System (EFS) is one of the major security features listed for the Tablet PC and Windows XP Professional. A single hardware button to log on emulating the CTRL+ALT+DEL is also a new feature of the Tablet.

This is just the beginning of the mobile family. Between the Pocket PC and the Pocket PC Phone Edition, you can get integration while using just one hand. The infrared and other tools to integrate to a full PC means that you don't have to take a laptop if you have little need for copious notes. Communication can be more important than copious notes and the integration that can only happen when personal communication intervenes and coordinates the imagined with the real. Email, the phone, and text messages are now a real part of the workday, and the easiest way to send messages are with shortcuts that you can use with these Microsoft-empowered tools.

I like my computer on a desk, but even now I have stored away my old three-watt auto phone and have donned the more convenient pocket phone. It is not without some weight, but even I didn't want to carry the three-watt phone around. The three-in-one concept has been laid to waste by the five-in-one concept, and although they are a little heavier, this seems to make sense. Phone, Web browser, PDA, text messaging, plus Paging device is one way to stay compact (Ok, they don't list the Paging; with a phone, do you need one?). They're somewhat larger than the smallest of phones, but big in deliverable services. Microsoft is not saying that these are PDAs, but they are

doing the major work of a PDA with the wireless connection. I still think this is the toy for those people who don't know what to do with all of their copious free time, but they are much easier to carry around than a laptop. The SmartPhone is tuned into today's fast paced environment and can keep you connected wherever you are with a very small footprint.

The SmartPhone includes Pocket Outlook, Pocket Internet Explorer, MSN Messenger and Windows Media Player. And I was thinking I wanted to carry around a big old laptop. This makes use of many needed tools at your fingertips (thumb tip?). Yes, from the Pocket PC through the SmartPhone, it's all geared up to be used with only one hand. Some shorthand coding helps with the one hand operation. I am not sure what all of the differences are between the Pocket PC and the SmartPhone but I am sure we will all find out.

Use voice, SMS text messaging, email, or instant messaging to communicate depending on your situation or environment. Integrated telephony and wireless connectivity mean the choice of communication is yours. The SmartPhone keeps you in touch in many different ways. The unified inbox and synchronization can connect over the air and then integrates with your home or office PC. This sounds like a new way to communicate. Yes, we are moving into a new age where people want to stay awake 24/7. It's 2:47 a.m., should I call Bill and tell him we are ready to see what all the mobile toys can do? OK, I can wait and so can everyone reading this, but let's give William Steele, and Microsoft's Mobile Tools, a warm DMA® welcome.

§

So far, 421 flavors of the Nigerian email scam have been documented. Variations abound: foreign royalty trying to retrieve government riches from Nigeria, U.S. soldiers extracting gold from Afghanistan.

One of the more creative versions hit in recent weeks, directly targeting both big and small ticket items on popular Internet auction sites.

Here's the con to avoid. A buyer suggests a phony but legitimate-sounding reason to purchase an item with a cashier's check for more than the listed price if the seller agrees to wire the difference back. Weeks later, once the money has been wired to the scammer, the seller's bank learns the cashier's check is counterfeit. Result? The seller is out both the difference and the original purchase price.

Needless to say, a little common sense goes a long way in avoiding 419's clutches. As a general rule, if something sounds too good to be true, it probably is. Still, in only a few years, this basic email ruse has bilked hundreds of millions of dollars from unsuspecting victims, who couldn't resist its innocent-sounding call-for-help and something-for-nothing promise.

Congrats

Edwin

Davidson

Volunteer of

the month

April

- Marvels Of Technology -

By Jerry Wonderly, regular contributor to *The DataBus*. A native Daytonian, Jerry has been involved with computers since the mid-80's. "I cut my teeth on CP/M Plus." He says that 'computering' can be very expensive but doesn't have to be. "Ask questions. Think cheap. Shop around. And don't assume your computer needs to be traded in. I'd rather put my money in my 401(k) than spend it on a complete new system and software."

There's an oft-used cliché that technology is changing our lives. We've all heard it; we all sigh and nod in passive agreement. Yet in the past month, on a very real personal level, it has really hit me and has caused me to blink in near disbelief at the subsequent changes. Oh, how I wish my parents were still alive to experience some of this. They would be astounded. For example, in the last 30 days I've been unlucky enough to have been attacked many, many times on my PC, lucky enough to save $130 of $150 on doorbell installation, retired my wristwatch, contracted for central air conditioning, professionally completed forms, taken my first digital photographs, and most impressively, just watched – live - an actual battle in Iraq's Umm Qasr in the wee hours of March 23 (EST). That was truly an historic moment. Why do I mention all of this? Because I plan to cover most of these topics in this article and hope that some of it may be useful to you too.

First, we'll look at Internet attacks. We all know to use anti-virus software by now. And many of us also wisely use firewall software while we're on the Web to protect us from attacks. But did you know that good firewall software, *if set-up properly*, will also keep confidential information from leaving your computer? Get this: someone out there has been trying to get my social security number! About once a week, I get hit when my browser gets redirected from a perfectly innocent web page and the attempted theft occurs. It may be happening to you without you knowing it. Friends, use a good firewall and set it up right. I use Norton Internet Security 2002. On its Privacy Tab, there is a button called Confidential Info. I've entered all sorts of stuff I don't want to leave my PC without my consent: Social Security Number, phone number, home address, name, etc. Other good

firewalls probably have a similar privacy option. If yours doesn't, consider Norton IS 2002 a good bet. Use a comparison-shopping site like My Simon, www.mysimon.com, to get it at a great price. There may be a 2003 version available too. NIS is also available within a suite of Norton software called Systemworks, which also contains Norton Anti-Virus and an assortment of diagnostic utilities.

Next, if you've been living in the Stone Age without a doorbell like me, save yourself $130 on a hard-wired installation by getting a wireless one. I got a GE Wireless Chime unit and door button for only $10 at Wal-Mart. The batteries were extra. It went up so fast and so easily that I could have kicked myself for not doing it years earlier. Next, I plan to tackle an exterior, solar-powered yard light with a motion detector. Ain't technology great?

Why did I retire my watch? Because I have finally joined the cell phone crowd and it tells time. Already, it has really come in handy. On an icy night out in the boondocks, I put my truck in a ditch (my first time ever) and had to call for help. Incidentally, according to Consumer Reports, Verizon Wireless has the best reliability and the best plans if you're considering the cell phone plunge. Shortly, I plan to call Ma Bell and disconnect my landline phone number. Then I'll retire all of those phones. I never thought I'd see the day….

As far as completing forms professionally, I have been testing Abbyy Fine Reader 6.0 Corporate Edition. It is, in my opinion, the finest Optical Character Recognition (OCR) software available. With OCR software, you can scan documents into your PC and edit them. Fine Reader Corporate also comes with a really cool add-on called Form Filler.

It is utterly fantastic. Form Filler is small and simple but has dynamite results. It's a shame it is not available by itself on the retail market. Here's how it works: You scan in the form you want to complete, designate the areas to complete (called "fields), set your font, size, etc. and presto, your form will print out beautifully. And, the software keeps the blank form as a template for future use. The only drawback that I've seen so far is that you can't clean up the scanned form within Form Filler (staple holes, etc.) There is a work around though by using Abbyy Fine Reader to clean it up first. In a business environment, Abbyy Fine Reader 6.0 Corporate would be a wonderful time-saver. To read more about Abbyy Fine Reader go to their website at: http://www.abbyy.com/ocr_products.asp?param=1614. It retails for a hefty $500.

Now let's take a look at how digital cameras have changed our lives. Recently, I was fortunate enough to get one free through my employer's safety rewards program. Not being an avid photographer, I chose an entry-level digital camera called the Olympus Camedia D-380. It is a two-megapixel camera that retails for as low as $155.00. So what's so cool about digital cameras that you haven't heard before? No, I'm not mentioning the photo-processing savings, the ability to easily import the pics into your PC, or the ability to quickly view your shots. What's really innovative is that you can take snapshots of your woodwork, cabinets, flooring, etc. and then go shopping for accessories or whatever and use the camera's photos as reference materials. For example, I recently took a quick shot of my kitchen, went straight to Lowe's and showed the cabinet folks what I had to work with. They quickly saw the problem and I

didn't have to spend an hour trying to describe it.

Last but not least, let's look briefly at the historic coverage of the war with Iraq. Due to the presence of "embedded" media among the coalition forces, we are witnessing real-time battles right on our TV sets and computer monitors. Do you find it both as captivating and surreal as I do? This morning, our forces were attacked by Iraqis driving a pink Japanese pick-up truck with a machine gun mounted on top of it. The truck sported a bumper sticker on its windshield saying "NYPD." Is that strange or what? As regrettable as war is, for me at least, I have to commend the coalition forces for allowing the broadcasts. They show the world that we are really trying to conduct this war humanely and avoid civilian casualties.

This is truly an unprecedented time in world history, thanks to the marvels of technology. While giving us "bunkerbusters", it also gives us media coverage to document their use. While making our lives faster paced and potentially hectic, it also gives us the creature comforts of cell phones, digital cameras, central air, wireless devices, and impressive software to make our lives easier. It is up to all of us to prudently and wisely use technology for the betterment of our families, community and mankind in general. [Sigh.] [Nod.] I guess we've all heard that cliché too many times. Sorry.

Now, where's my copy of The DataBus? Let's see… when does the Digital Photography SIG next meet?

jtwonderly@woh.rr.com

- DMA® Participates In Regional Science Fair -

On March 22nd, DMA® participated in the West District Science and Engineering Fair at Central State University. DMA® provided special event judging for computer-related projects. United States Series EE Savings Bonds were awarded to the winners in two groups: grades 7-9 and grades 10-12. This year's judges were Carol Ewing, Dellis Hines, Gail Young, George Ewing, Joe Livorno, John McDonald, Millard Mier III, Susan Kendall, Steve Reiss and Travis Little. They represented DMA®'s 12th year participating in the Science Fair.

Entries considered for judging were not only traditional computer and programming projects, but also non-computer projects that utilized the computer in a meaningful way. This meant that a math or biology project in which the student wrote a program to interpret the data was eligible for judging. Over a dozen projects were judged before finding our four prize-winning entries.

First Prize in the senior division ($1000 in US Savings Bonds) was awarded to Brian Lauber of Chami-nade-Julienne High School for his project "Infinity Shift and Independent Systems." Brian wrote customized C++ code under Mandrake Linux that helped him graphically map the mathematical theory of Infinity Shift and Independent Systems.

Second Prize in the senior division ($400 in US Savings Bonds) was awarded to Justin Dierking of Carroll High School for his project "Laser Vision." Justin built a laser triangulation system and interfaced it to his computer utilizing a home-brew interface. He then wrote a Turbo C++ program to find objects within the field of view of his laser imaging system.

Third Prize in the senior division ($200 in US Savings Bonds) was awarded to Christopher Pitstick of Carroll High School for his project "Search Algorithms, A Comparison." Chris wrote a C++ program to determine the shortest path between two points and around obstacles.

First Prize in the younger division ($400 in US Savings Bonds) was awarded to Sean Gleason from Saint Albert's School for his project "Linux vs. XP." Sean analyzed the performance of the two operating systems to determine which operating system was faster in typical applications.

Certificates of award were presented to each of the winners at a ceremony immediately following the Science Fair in the Robeson Auditorium at Central State University. All four prizewinners were present at our March DMA® General Meeting. Brian Lauber and Christopher Pitstick were introduced to the members. All were offered student memberships in DMA®.

This year's prize awards were set by the DMA® board and were approved as part of the 2003 budget. Our prize awards were 33% less than at the 2002 science fair. Next year's Science and Engineering day will present a challenge as it falls on Computerfest® weekend. If you are not a Computerfest® volunteer, please consider volunteering for the Science Fair. DMA® needs you!

By Millard Mier III

UH - OH !

These Memberships have expired, or are about to expire soon!

Remember to send your check & the completed application form (in the center of this newsletter) marked "DMA® Dues" to P.O. Box 340402, Beavercreek, OH 45434-0402. Or if you give them to Carol Ewing at the next General Meeting, please have the form filled out in advance and have correct change or a check.   **We do not have change at the meeting.**

Expired in March 2003

Aley	Bryan W.
Augustine	Paul
Baumaster-Gaber	Janna
Benedict	David
Bolender	Mary
Brown	Nathan
Campbell	Bige
Castle	Sara
Cooke	David L.
Corbet	Jessica
Davis	Matthew
Fraley	Donald
Gilmore	Dave
Goodrick	Lauren
Grau	Susie
Grau	Walt
Hargreaves	Mary
Hermetz	Andrew
Hodge	James
Jendruczak	Tom
Kennard	Kerry
Kennedy	John
Koski	Bob
Kunselman	Gretchen M.
Lee	David B.
Lively	Frank
Murphy	Steve C.
Parker	Robert M.
Potts	Erik
Potts	Marc
Price	Jason

Rarick	Tim
Raybould	Edward S.
Rosenkranz	James
Ross	Kevin
Roudebush	Thomas
Sage	Tami
Schindler	Chris
Schmidt	Donald B.
Scott	James O.
Sedlak	Robert
Solch	Joseph G.
Sroga	Jim
Sroga	Mary (a)
Sumner	Elizabeth E.
Trimmer-Whipp	Michael
Valerin	Vicky
Waltz	Alfred L. (Skip)
Weaver	Juanita (a)
Weissbrad	Adam M.
Wendling	Patrick J.
Williams	Rolly L.
Winemiller	Richard
Wurth	Henry B.
Yingst	E. K.

Will expire in April 2003

Ackerman	John
Apostelos	Paul J.
Barnes	Sandra
Bastress	Tim
Blake	Roger C.
Blossom	Donald M.
Buechly	Carolyn M.

Burgmeier	Jean
Burgmeier	Jeff
Busarow	Kevin
Carpenter	Robert L.
Casto	Lynda
Dann	Eric L. (a)
Dello-Stritto	John
Drill	Terry
Feller Jr.	John
Hamer	Theodore (Ted)
Hendrix	James A.
Herdman	David
Horine	Fred
Jackson	Robert S.
Jacobs	Bill
Jobe	Jim
Johnson	Karen
LaFlame	John Paul
McMeans	Sara
Merkle	Margaret
Miller	David K.
Mitchell III	Joe
Neff	Sharon
Neises	Ryan
Reel	Kenneth Ray
Reiter	Richard
Ruby II	Robert K.
Sterrick II	W. D.
Stidham	Forrest
Tamburino	Louis A.
West	Randy

- Windows Tip: Burn CDs in Windows XP -

by Joe Isaac, CKCS (Central Ky. Computer Society)

Discover the freedoms and limitations Microsoft has given your burner with XP.

Windows XP's integrated CD burner is powered by the Roxio engine but lacks the familiar Easy CD Creator inteface. There is no CD Burner icon on the desktop or in the start menu. So where is this promised CD burner? There are two answers, depending on if you want to burn audio or data CD's.

To burn data CDs
Open a folder. Look at the folder options on the left of your screen. You should see an option to *Copy All Items* to CD or *Copy to CD*, depending on your folder view. You can also right-click a file or folder and choose *Send To* and then CD drive. I appreciate that XP has made it as easy to drop files to a CD as it is a Zip disk. It does not copy the files immediately. Instead, it places them into a repository and waits for further instruction on when and where to burn the CD. Now, place a blank CD into your CD drive or navi-gate to your CD drive in My Computer, and choose *Write the files to a CD*.

To burn music CDs
The Windows Media Player was al-ways a monstrosity, and now it now includes a new function -- CD burning. Select a song in your *My Documents* folder, and choose Copy to Audio CD from the folder options on the left. Surprise! Up pops the Windows Media Player, waiting for you to choose *Copy to CD*. Hit the record button, and have a good time.

- Software Review : Avernum 3 -

by Dan Woodard, DMA® member, DataBus Software Reviewer

Dan Woodard: *At the tender age of 9, Dan got his start enjoying computer games on his TI-99/4a home computer, and he's been at it ever since. He graduated in 1996 with a B.S. in Environmental Studies. Dan has been a DMA® member for about 9 years now, and enjoys playing Othello, other strategy and role playing games, backpacking, fishing and gardening. He also dabbles in computer repair and upgrades, & is currently studying for his Network+ certification.. Dan is a regular software reviewer in The DataBus.* - dgw@dmapub.dma.org

Spiderweb Software's world of Avernum takes place in a fantasy setting. As the story goes, there is a cruel Empire on the surface, ruled by a tyrant. The Empire discovered an immense network of caverns far below the surface, which they called Avernum. They decided to magically transport anyone they didn't like down there. Instead of dying, these people used magic and hard work to survive in the caves. Eventually, the Avernum refugees found a way to assassinate the Emperor, and later won a war against invading Empire forces. This brings us to the present. The people of Avernum have finally started thinking about returning to the surface world for good. Your party of adventurers is one of the first to go above ground to scout out a remote section of the Empire and see if it is acceptable for settlement. However, rather than finding everything fine and dandy, there are monsters everywhere. Even the Hill Giants and Troglodytes, long thought to be extinct, have reappeared. This entire section of the Empire has been magically cordoned off, and it is your job to find out what is causing the monster plagues before they completely destroy the area.

My first impression of the game was that it was very similar to Avernum 2. This is not a bad thing, since Avernum 2 was very addictive, and I felt that it was a memorable game. The interface is very much the same; players encounter many of the same races, and even some of the same people from Avernum 2. However, as I played, I also noticed some differences. Avernum 3 is nearly as big as Avernum 1 and 2 combined. There are some new lighting effects. During your adventuring, you can find maps that will help you in your travels. Since a majority of the game takes place on the surface, players will encounter a variety of creatures never before seen in the previous games. Also, you will see the changes between day and night, which go beyond a simple change in illumination. Some creatures only come out at night, for instance.

Gameplay is rather straightforward, much like the classic Ultima style of role playing game (RPG). A lot of time is spent exploring, doing side quests, talking to characters met along the way, and searching for powerful artifacts, weapons and armor. There is a lot of text in this game, so in some respects it could be described as an interactive book. For example, there are many side quests you won't even find out about if you don't talk to people in various towns and cities. One of the most satisfying parts of the game involves building up your characters. As you complete quests and defeat monsters, you gain experience points. These can be spent at various training locations to improve certain aspects of your characters, such as hit points, defense, agility, etc. By deciding which abilities and special skills to focus on, players can shape their party according to their favorite style of play.

Summary: Avernum 3 may not focus on eye candy, but it has the substance that makes it a fantastic fantasy RPG. Offering even more variety and a larger world to explore than its predecessors, it would be a great choice for anyone who likes adventure or classic role-playing games.

Rating: 8.5 out of 10

Requirements: Windows 95+ or Mac System 8.1+, 30MB free RAM, 40MB free HDD

Reviewed: Athlon 700, 128 MB RAM, 32MB Video, 50x CD, Win '98, DirectX 7, 30GB HD

Best Price: $22.50 at www.spidweb.com (price reflects 10% discount during April)

Demo: www.avernum.com/avernum3/index.html

Walkthrough: www.gamefaqs.com/computer/mac/game/33579.html

By Patrick J. Suarez—Regular Contributor to **The DataBus** - pjsuarez@gemair.com

Patrick J. Suarez is a nationally recognized Internet writer, trainer, speaker and consultant. He has appeared on numerous radio and TV programs across the United States. He is the Internet speaker at the annual Computerfest® trade show in Dayton, OH each spring. Mr. Suarez published a tutorial software program called "The Beginner's Guide to the Internet" in 1993, and a book by the same title followed in 1995. In addition, Mr. Suarez has been published by Que. Mr. Suarez operates a Web site supporting people who have just learned that they have a tumor. Pat is an independent writer and trainer and shares his computing time between Linux and Windows.

During the 1991 Gulf War, the Dayton Daily News carried an op-ed piece by an officer of the U. S. military. The veteran remarked that motion pictures and TV did not, could not, adequately and completely convey the nightmare of going into battle, of taking a bullet and surviving or watching a fellow soldier take one and drop dead on the spot next to you. "War is hell," he wrote, "movies aren't".

Then, in 1994 and 1998, came "Saving Private Ryan", "Pearl Harbor" and "The Thin Red Line". "Private Ryan" attempted to show the blunt brutality of war, while "Pearl Harbor" tried to illustrate war interrupting and intertwining with human relationships. To a degree, they were successful, but there was something missing.

That 'something' was an exploration of the psychological complexities of war. Having been part of a twenty-one gun salute team at too many funerals for dead 20 year olds in the late '60s and early '70s, I have some experience with seeing, up close, the blank, still disbelieving frozen stares of 40 year old mothers dressed in black, accepting folded American flags, the last physical icons of their deceased sons. Terrence Malick's magnificent "Thin Red Line" nailed that 'something'.

But it was still a movie. Now, minute by minute, we watch yet another conflict, this one very real, being played out for many reasons, some stated, others not, most we know, some we can only guess at. Television parades endless images of explosions, troop movements and generals answering what end up being the same set of questions, around the clock. But we are still disconnected as we sit down to dinner, gaze at the sound bites and video clips and try to humanize and understand them.

That's what we see on this side of the Atlantic Ocean. Over here, CNN, Fox and the traditional networks offer expected, and filtered, video and commentary. Over there, it's another story, literally and figuratively.

Al-Jazeera, the principal among many Middle Eastern equivalents of CNN, telecasts a different, also filtered, perspective. What al-Jazeera runs is chilling and intriguing. To them, we are not liberators but aggressors. Our laser-guided bombs will be answered, they say, in time, if not in kind.

With the advent and ubiquity of the Web, the curious among us can read other points of view. Al-Jazeera has, at least for now, http://english.aljazeera.net/. Many of our citizens bristle at that site's content and slant without admitting (or even realizing) that http://www.cnn.com/ and http://www.foxnews.com/ also possess their own slants.

The governments in charge want their citizens to feel as if their respective sides are winning. Having taught marketing and global politics at the university level, I am aware that both are at full throttle regarding the current war.

But there's more. With the Web, there always is. A trip to http://www.bbc.co.uk/ provides a less impassioned, yet no less complete, aspect of the hostilities. Or, check out the Jerusalem Post, http://www.jpost.com/. Or the Sydney Morning Herald, http://www.smh.com.au/, from down under.

The journalistic world, with its rainbow of coverage, slants and opinions, is at your fingertips at http://www.ajr.org/News_Wire_Services.asp?MediaType=9. If we are to (care to?) understand the full impact of war, we should have all viewpoints. If we want to survive intact, we must.

We have the luxury, for now, of punching the OFF button on the remote and heading for the mall. Clean. Tidy. Safe. Ten thousand miles out of harm's way. But Islamic extremists have warned us that they intend to bring this fight to our streets. They've done it twice, at the same location. The first failed; the second did not. The irony could be that our future headlines will be their current ones and vice versa. It's all in the perspective. And location. And intent.

Not even Hollywood, revered or reviled, can script this future. Terence Malick's masterpiece might be required viewing before it's all said and done.

> **Don't you find it worrying that doctors call treating you their "practice"?**

- From the Chair / Computerfest® Spring 2003 -

by Randal Young, Computerfest® Spring 2003 Chair

By the time you read this, another spring Computerfest® show will have come and gone and plans for the fall 2003 event will be underway. This last Computerfest® had many successes on lots of different levels, from personal goals achieved by various staff members, to more global initiatives such as the school program and public relations projects; from an outstanding feature such as the Hubble Space Telescope presentation to the great strides in the IT/networking development of the show. Perhaps the biggest validation that our show is on the right track comes from knowing that Computerfest® is the only show of its kind that demonstrated any increase at all in attendance. Not only did we have an increase, but the increase was nearly 30% from Fall 2002. This was accomplished in the face of a very shaky geopolitical situation in the Middle East (war broke out 3 days later) and a continuing slow economy.

Computerfest® continues to have major challenges that must be addressed. These challenges are being met and overcome in the future because of the commitment to the ongoing evolution of the event by the entire DMA® or-

ganization. Evolving this event into a first class computer, technology and information show will increase the audience that will be attracted to Computerfest® in the future. A few attendees of course grumbled about the show not being what it was before (an observation that was greeted with great joy for those of us working to evolve it). Many more new attendees however commented about how they were amazed and thrilled at the huge scope of activities and the wide range of information now available at an event in this region of the country. One user group leader from out of town remarked to me that he told members of his organization that they would have to travel all the way to Chicago, New York, or Las Vegas to see anything close to this kind of event.

All of this is not possible without the tremendous effort and support of such a committed group of friends known as the Computerfest® staff. We were delighted in the many new faces on the staff this time out and will continue to reach out to more folks who might be interested in joining the family. I want to take this opportunity to thank all those on the staff for their outstanding efforts and contributions, the magnitude of which could not possibly fit in the space available in this issue. It would literally take volumes to adequately describe all the individual and group contributions. I was indeed blessed to have been fortunate enough to be the chair of such a wonderful group of folks. You can't possibly know without joining the group yourself just how much fun, and how dynamic, this organization is. I encourage each of you reading this to consider getting involved. You won't regret it. Now is the time to get started and ask about joining the staff and finding what area might be of interest to you. Contact Gary Mullins and David Thomas, the co-chairs of the upcoming fall show, and let them know that you're interested. They'll work with you to find a place for you.

Once again, I thank all those on the staff for all their contributions and efforts, and I look forward to the bright future Computerfest® will enjoy.

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- DMA® and Computerfest® Shirts Seen Around The World! -

by George Gibbs, acting co-editor, The DataBus

The editors of *The DataBus* have been inspired by the above photo of Randy Young, chair of the recent Spring 2003 Computerfest®, wearing his official Computerfest® tee shirt while on a recent visit to Washington, D.C. We thought, "What a great way to publicize DMA® and Computerfest® !"

We'd like to encourage others to help "spread the word" as well. Here's what to do. The next time you travel somewhere (the farther, the better), whether it's for business or pleasure, take along a shirt featuring DMA® or Computerfest® on it. Then have your picture taken wearing it in front of some famous local landmark there. Email it to us at **Editor@dma.org**. Be sure to tell us the date it was taken and where you were. Each month, we'll select one or more of your photos and publish them in the next issue.

To get things started, here's our first 'Picture of the Month' for May, 2003, courtesy again of Randy Young. Will <u>your</u> picture be here next month?

At the Volunteer Sign in point,
everybody had to get Badges.

The Computerfest® booth was the place to sign up to receive door prizes as well as the Grand Prize.

People traveling to and fro. The shopping did not stop either day.

Computerfest® Speaker giving his demonstration

At the Pizza Party another speaker in a more relaxed setting

Biometric Security plus so much more to see.

If you needed a printer they were available.

Inga's talks were one of the best attended
Demonstrations, as she was inspiring to all who listened

Millard Mier gets to roasted Dave Wilson
after the Computerfest® Staff dinner party.

Millard also gets a little roasting .
Randy and Gail Young surprise him with a second roast.

- Heartland Regional User Group Conference @ Computerfest® -

By Peter Hess, Co-Chairman. Heartland Regional User Group Conference @ Computerfest®,   hessp@dma.org

Held Back This Year—To Be Better Next

On Monday, March 3, 2003, due to the lack of sufficient advance registration, the DMA® Board of Trustees voted to cancel the Heartland Regional User Group Conference scheduled for Friday, Saturday, & Sunday, March 14, 15 & 16, 2003. Much thought and deliberation went into this decision. With the cancellation of the conference, it was thought that DMA® would be able to focus on providing much better and more extensive future conferences. It was also thought that vendor/sponsors would be less likely to return to future events if this year's conference was conducted with low attendance.

But There Is Good News

Even though the conference was cancelled, there is still good news to be heard about the benefits gained. Because of services offered to visiting User Group leaders, for two years in a row the Heartland Conference has brought people into Dayton for Computerfest ® who would not have otherwise attended. Last year we know of approximately 30 people who visited Computerfest® for the first time, and this year, even with the conference cancelled, approximately 15 people did the same.

This year, in addition to attending Computerfest®, people came to Dayton from Michigan, Pennsylvania, California and elsewhere in Ohio for an unofficial User Group Gathering (pizza party) on Friday, March 14. Had the event not been cancelled, User Group leaders would have come from Tennessee and Maryland as well (two new states to be added to the list of eight states already represented by Heartland Conference attendees).

The Heartland Conference volunteers all agree that with much more advance planning and much more sup-

port from other DMA® entities, as well as other User Group support, future Heartland Conference events will attract many more User Group leaders—not only to attend the Heartland Conference, but also to visit Computerfest®. In the future, we see User Group leaders coming to attend the conference and Computerfest® with many of their User Group members following them to Dayton just to buy at Computerfest®.

Even though the conference was technically cancelled, we still wanted to do something to welcome visiting User Group leaders to Dayton and to Computerfest®. The staff and facility of the intended Heartland Conference venue, the Dayton Airport Hotel, was much better than the venue of the previous year's conference and many User Group leaders chose to stay at the Dayton Airport Hotel—even with the event's cancellation. The Dayton and Montgomery County Convention and Visitors Bureau provided us with welcome bags to give to visiting User Group leaders. Free attendance to Computerfest® was offered to those who had sent in their Heartland Conference advance registrations. The Dayton Airport Hotel, OTAP, GE-MAIR, and Heartland Conference volunteers all worked together to furnish a hospitality room with three computers, each with a phone line and Internet account, so User Group visitors could check their email through their ISP's web sites.

Next year, the Heartland Conference can have (because of a generous offer from visiting User Group officer **Charles Isaacs** of the Columbus Computer Society), on-line registration as well as a method to accept fees paid via credit card. The only cost to DMA® would be the low percentage fees charged by the participating bank. There would be no "sign-up" fee charged to us for this service. We have had individuals

from other User Groups volunteer to make presentations, but this is the first time we have had an offer to participate in the improvement of the event's infrastructure.

This year's willing presenters from out-of-state User Groups were **Susy Ball** of the Fresno (California) PC Users Group and **Dave Kindig** of the York (PA) Computer Users. Willing presenters from Dayton were: **Bob Esch**, **Carol Esch**, **Carol Ewing**, **Chris Fidelibus**, **Matt Scheurer**, and **Gary Turner**. Chris, Matt and **Dean Halladay** set up the Dayton Airport Hotel's hospitality room computer network.

The key conference volunteers who proved invaluable at working to organize this event were **Leah Day** (Registration Committee Chairman), **Robin Campbell** (Webmistress), **Paul Bullock** (conference Co-Chairman and Vendor/Sponsor Committee Chair) and **Jennifer Bullock**, (Media Designer). Even though the full conference didn't take place (the unofficial User Group Gathering replaced it this year), a large amount of volunteer time, talent and energy generously offered by these individuals made the Heartland Conference a noble effort.

I am willing to advise the next event's chairman and, most importantly, look forward to working with these fine individuals again. Without their considerable efforts, we couldn't have provided services to User Group leaders nearly as well as we did.

Those hoping to participate as either attendees or as volunteers might want to set, as a favorite or as a bookmark, the Heartland Conference web site for news about future User Group events: http://www.heartlandconference.net.

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INTERNET ACCESS INFORMATION

The Dayton Microcomputer Association, Inc. (DMA®) is able to offer Internet services as a result of an agreement with GEMAIR™ Inc, a wholly-owned subsidiary of DMA®, which offers a full range of IP connect services including World Wide Web (WWW) access, Usenet news, ISDN, leased lines, etc. GEMAIR service is a point to point (PPP) account and requires the use of a TCP/IP stack and a graphical web browser, such as Netscape (which they provide), MS Internet Explorer, Opera, etc.. All lines are 56k. They offer a low flat annual rate with no connect-time charges. For more information on their services call (937) 461-6826 (Voice) or visit their home page at http://www.GEMAIR.com/.

DMA® offers two levels of service which are all text only and require only a basic terminal emulation program, such as Procomm, Qmodem, HyperTerminal, Telex, etc. which supports vt100 or ANSI terminal emulation.   Listed below is a description of each level of service.

Public Access: This level of service is free to anyone, non-DMA® members or DMA® members. It is an easy-to-use menu system which includes text-based E-mail (using pine or elm), and read only access to Usenet news groups (using tin or (t)rn). There is a one-time $10 setup fee for new accounts.

DMA® Members: This level of service will be provided to any DMA® member at no additional cost. It includes the same services as above, plus posting to Usenet news groups, as well as file up- and down-load capabilities, chat, and access to a UNIX shell if you wish. You can even have a free non-commercial web page. There are no on-line time limits and all lines are 56K.

Membership in DMA® costs only fifteen dollars per year. For this you will receive an award-winning monthly newsletter announcing DMA®'s activities and updates on the newest computer technologies. Also you will be eligible to participate in the free prize drawing held during our monthly meetings at the University of Dayton.

DMA® is Dayton's oldest and largest computer users group. DMA® sponsors *Computer Chronicles* on channel 16, holds Computerfest® biannually, and awards money to students with outstanding computer related exhibits at the High School Science Day. In addition, DMA® has created an endowed scholarship at the University of Dayton for computer science students.

If you are interested in subscribing to DMA®'s Internet service and joining DMA®, please complete the membership/Internet application form and return it to the address listed below. If you already are a DMA® member, check your latest *DataBus* address label and see when your membership expires. You may want to renew your membership at the same time. If you wish additional information, you can call Dave Lundy at (937) 426-1132.
(Dayton Microcomputer Association, Inc. membership, PO BOX 340402, Beavercreek OH 45402-0402)
DMA®® and Computerfest® are registered trademarks of Dayton Microcomputer Association, Inc. The DMA® arrow logo is also a trademark of The Dayton Microcomputer Association, Inc.
REV: 01Jul2002

DMA® Internet Service Terms and Conditions

The person signing the DMA® Internet account usage agreement (the user), agrees to follow the terms and conditions for usage of the DMA® Internet Service (the system). Each person is assigned a unique user ID and password. The user will not disclose his or her password to any other person. The user will not use another user's Id and password to access the system.

The user will comply with all rules for system usage as established by the system administrators. The rules are subject to change as determined by the administrators and will be posted on the system for the user(s) to review. Continued use of the system by the user constitutes acceptance of the rule changes.

Users will not utilize the system for illegal activity or in a way which aids in illegal activities. The user agrees that copyrights, trade secrets, and another's rights to privacy will not be violated.

The use of any SLIP emulator, such as SlipKnot, TIA, etc. on dmapub is not allowed because SLIP emulators tend to be resource hogs.

The system administrators are not responsible or liable for monitoring the content of information placed on the system. Nor are the system administrators responsible for preserving or protecting any rights which the user may have in any information placed on the system. Backups for any user files placed on the system by the user is the user's responsibility and not that of the system administrators.

The user agrees that the services provided under this agreement, including access to the system, are provided by the system administrators and providers on an "AS IS" basis.

The user agrees to hold system administrators and the information providers harmless for any claims, liabilities, losses, costs, damages, or expenses arising from the user's use of the system while connected to the system services. It is understood that conditions beyond DMA®®'s control could occur that could cause damage to the user's software or hardware. Such causes include, but are not limited to, lightning strikes, power surges, files downloaded that contain viruses, etc.

The user agrees to hold any data or software which is proprietary to the system administrators as confidential information. The user shall not transfer to any person or entity any data base included in the system or remove or copy any software program comprising the system.

By signing this agreement the user accepts the above terms and agrees to abide by all laws or regulations set forth by the State of Ohio and the Federal government governing the use of computers and telecommunications in the United States.

NOTICE: PLEASE ALLOW UP TO THREE WEEKS FOR APPLICATION PROCESSING AND INTERNET SET-UP
REV: 01Jul2002

Note: A $10.00 fee will be charged for all returned checks.
USER'S COPY - PLEASE KEEP FOR YOUR REFERENCE

DMA® Membership Application/Renewal (only <u>one</u> person per form, please)
PLEASE ALLOW UP TO THREE WEEKS FOR APPLICATION PROCESSING AND INTERNET SET-UP

1 Name: _____   Birth date:_____/_____/_____

                                                                               mo. day yr.

Address: _____

City: _____   State: _____   Zip: _____-_____

Phone: (Home) (_____)_____-_____   Phone: (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)

Current or recent DMA® Member: Yes [ ]   No [ ]   Change of Address Only [ ]   Today's date: _____/_____/_____

Membership number (from your *DataBus* mailing label) _____

Type of Membership

Application is for: New Membership [ ]   Membership Renewal [ ]   Associate Membership* [ ]   Internet Service [ ]

If applying for free student membership, please give school name and student ID number: Available **only** for students under 22 years old.

School Name: _____   Student ID#: _____

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

2
Optional

Internet Service Application   Modems at 910-0006 settings 8-N-1

Public access: Menu provides Internet E-mail, and reading Usenet news to the public at no cost other than a one-time $10 setup fee.

DMA® Members: Same menu as above, plus post Usenet news, UNIX shell access, file up-load/down-load, non-commercial web page at no extra cost.

I want a user ID for Internet access: (8 char. max.)   1st choice _____   [ ] $10 one-time setup fee for new accounts.
Usual default ID is last name & 1st initial (no caps or punctuation)

DMA® reserves the right to assign ID   2nd choice _____

**Please read and sign the DMA® Internet Services Terms and conditions agreement on the back of this form - no accounts
will be created without a signed agreement.** Be sure to mark your payment option in the dues and fees section listed below.

3

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

*Note: A $10.00 fee will be charged
for all returned checks.*

Membership (one year - New or Renewal)   1.) [ ] **$25**

Family Associate Membership (must live at same address as regular member)   2.) [ ] **$12.50**

Free* Student Membership   3.) [ ] **FREE** *<u>for students under 22 years of age</u>

Please assign me a user ID for E-mail and Usenet news access   4.) [ ] **$10** one-time setup fee for new accounts.

Total - - - Lines (1 **or** 2) (+4 if checked)   =   5.) $_____

Please complete both sides of this form. Make your check payable to DMA®, - - -   **Dayton Microcomputer Association, Inc.**
then send the check and application to: -   **PO Box 340402**
                                                                 Beavercreek, OH 45434-0402

DMA® Use only: Membership # _____   Exp. Date: ____/____/____   Processed by: _____   REV: 02Apr2003

DMA® Internet Service Terms and Conditions

The person signing the DMA® Internet account usage agreement (the user), agrees to follow the terms and conditions for usage of the DMA® Internet Service (the system).

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The user agrees to hold any data or software which is proprietary to the system administrators as confidential information. The user shall not transfer to any person or entity any data base included in the system or remove or copy any software program comprising the system.

By signing this agreement the user accepts the above terms and agrees to abide by all laws or regulations set forth by the State of Ohio and the Federal government governing the use of computers and telecommunications in the United States.

User's Signature: _____ Date: _____

Print user's name here _____

If the user is under age 18, a parental or legal guardian's signature is required. Although the Internet provides a great deal of useful, informative, and entertaining text, pictures, and programs, some of it is not suitable for minors. Your supervision is strongly encouraged.

Parent's signature: _____ Date: _____

Print parent's or guardian's name here _____

REV: 01Jul2002

Note: A $10.00 fee will be charged for all returned checks.

- Amateur Radio Goes High Tech? -

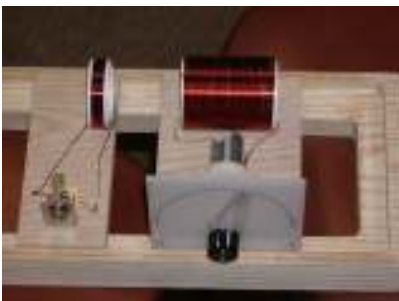*By George Ewing, And Dave Lundy DMA® SIG Members*

At our April 1st meeting we had the pleasure of seeing what might be the largest Crystal Radio set built. Bruce Lundy KA8EDE & Ed Garner WR8A demonstrated their 'high tech' versions of the crystal radios a lot of us played with as children. See Bruce's web page for more details http://www.gemair.com/~blundy/xtal-set.shtml

Bruce with his short wave set.

My brother Bruce (KA8EDE) has been quite interested in amateur radio for about as long as I have been interested in personal computers. Although Bruce does own a PC, he uses it almost exclusively for e-mail and web browsing. My experience and interest with radio, except for my four years of repairing radios and transmitters in the Air Force, has been mostly restricted to

Ed showing his detector stage.

listening to commercial and public radio broadcasts. I occasionally help him raise or lower an antenna, and designed a digital keyer and software to program an EPROM for a beacon he built.

Close up of short wave set.

When George Ewing announced the start of the DMA(R) Amateur Radio SIG, I thought that would be the perfect way to get Bruce more involved with PCs, but he wasn't interested. And I still wasn't interested in pursuing amateur radio. Last summer Bruce had an article published in the Xtal Set Society newsletter about a rather unusual crystal set he built after seeing a similar set built by his friend Ed Garner (WR8A). He has occasionally gotten e-mail requests for more info about his design. That eventually led to me creating a web site <www.gemair.com/~blundy/> for Bruce to show off his projects. I mentioned it to George and he was fascinated, so George asked Bruce if he would demonstrate it at one of the Amateur SIG meetings.

Bruce's FM set.

Well, Bruce loves to talk about his projects (he IS a ham, after all), so it was arranged for the April 1, 2003 meeting.

In spite of George's considerable promotion of the meeting, attendance was only slightly over a dozen. Since I'd not attended before, I don't know if that was high,

Ed, George, and Bruce.

low, or average for that SIG. But I do know that those present seemed to be quite interested in the discussion and demonstration by both Bruce and Ed. Bruce started by telling how Ed had been bragging about the excellent selectivity he had been experiencing with a crystal set he had built. Ordinarily, crystal sets are not known for good selectivity (the ability to tune out all stations except the one of interest). With most crystal sets, you will typically hear several stations simultaneously.

Close up of Ed's detector stage.

Finally, Bruce invited Ed to bring his set over for a demonstration. As soon as Bruce saw it, the secret of its selectivity was evident - high Q coils and adjustable coupling between the input and detector stages to avoid overloading. Bruce enjoys a challenge, so decided to see if he could improve on Ed's design. If you've ever built a crystal set, you

The Deals Guy
Bob "The Cheapskate" Click,
Greater Orlando Computer User Group

I attended part of the FACUG (Florida Association of Computer Users Groups) weekend conference and it was again very successful. There were about 185 attendees from about 25 user groups, and 61 were first time attendees. Vendor support was down drastically this year with only ten in all. However, the whole event was just as successful. Unfortunately, the Heartland regional in Dayton, Ohio had to be canceled.

Last month I mentioned that the cheapskate would use AARP's free income tax service. Maybe that was a mistake. I took my data and papers there and was surprised to find that the volunteers in this senior center do it by hand, not with computers, but they recheck each other's work. While it was being done, I asked my volunteer about their regular profession and was told the person was an attorney and a CPA. I felt I was in good hands. When it was finished, I took it home ready to mail it out quickly. Out of curiosity, I decided to use the FREE TaxAct software just to see how close I would have come to the figures the tax person ended up with, and to see just how easy it might be that way. I also made the assumption that I might not be so squeamish about doing it myself next year.

I downloaded TaxAct and installed it, then spent a couple of hours answering all the questions, finally ending up with their version of my income tax return, but there was a big difference! Not just a few backs, but my TaxAct version showed over $2200 more income, and I used the very same W2s and 1099s that I gave the tax preparer. Also, as you might expect, about $75 less refund, and I would have to pay tax on over $2000 of our Social Security income, contrary to what I had been told. My wife and I both checked everything over and over, and could not see what might be wrong with either one. I finally decided to use the TaxAct one because I felt there must be a mistake in the preparer's, so since I had the TaxAct version all filled out, and the income was higher, I went ahead and filed my TaxAct return electronically (with much trepidation). I had my refund back in 10 days with no changes, much to my relief. I'll write a review of this experience, and about TaxAct, and post it on my Web site. I think the preparer made a mistake in the math, but have not tracked it down it yet.

*Update From Linda Barlow

Unfortunately Gene Barlow was unable to make the FACUG conference because of scheduling conflicts. However, Linda says they are still busy and still represent PowerQuest. Here are their latest prices:

PartitionMagic V8, $35.00. (MSRP $69.95)
Drive Image 2002, $35.00 (MSRP $69.95)
Educational CD, $20.00 (MSRP $39.95)
Bundle (PM, DI, ED, $79.00 (MSRP $179.85)
S&H fee (mail/web orders only) $5.00. Use the special user group order code UGMAR03 to order.

To order, get a form from your user group coordinator to fill out, and return it to User Group Relations, PO Box 275, Orem, UT. 84059-0275. For faster service use their secure Web site order form at [http://www.ugr.com/order/].

Gene says he no longer gets any travel allowance from his vendors; so when they visit your user group, or regional event, give them your full support. Gene and Linda have been very supportive of user groups for years. I tried his Educational CD and it is an excellent product, even for a beginner, with a wealth of information. It goes quite fast though, so pay attention and have plenty of time because of all the information it contains. I doubt you will finish it in just one session. Gene's Educational CD is a real bargain.

*How Much Hot Water Does It Take To Get Hot Water?

Does that title sound confusing? Perhaps, but when you are in your kitchen, or maybe your guest bathroom, how long is it before the water gets hot when you turn it on. My house is a very inefficient design when it comes to the hot water. My water heater is located in the garage and the only room with a close proximity is our master bath. Other areas take forever to deliver hot water, and during that time, a lot of water goes down the drain, but not if you install a Metland D'Mand system.

This is not a computer-related item, but it is a great product and could save many of you money over the long term. I wrote this item up a few years ago and purchased one myself. It was an excellent decision. The Metland D;Mand system is a small circulation pump to install just below the water faucet furthest from the hot water heater. By pressing a button (both electrical and wireless remote included), the pump starts running and circulates water in the hot water line back though the cold water line into the hot water tank until the pump's sensor detects hot water, whereon it shuts itself off. Motion sensors could also activate the pump. This small pump uses very little power and doesn't run long, preventing you from

(Continued from page 20)

wasting water down the drain while waiting for hot water.

Both my wife and I love ours and you can find out much more about the product by checking their Web site [http://www.gothotwater.com]. Don't forget to read the government agency write-up about this fine product. I've had mine for four years and it's been trouble-free. I had no problem installing it myself with the kit provided, even though I was very squeamish at first since I'm not a plumber. You can hardly hear this pump work during the short period its on. Be aware that you might also need to install a new electrical outlet for it.

I saw this company again when I browsed the "Electronic Home Show" at the Orange County Convention Center in Orlando. Larry Acker even remembered me and quickly said yes when I asked if he would like me to write it up again. He says my readers will get a $65.00 discount from any prices on their Web site by asking for the "Bob Click DealsGuy" promotion. Shipping is $18.00 any place in the US. Canadians must call about shipping fees. To order, call 1-800-638-5863 (also good in Canada), or e-mail Larry at [larry@gothotwater.com] with your request.

*More About the Show

By the way, the Home Electronics Show was very interesting and I sure saw a lot of wonderful automation items for the home. I was working another interesting show (Megacom, better known as the "Comic Book" Show) and managed to find a few minutes to hit the high spots in the Home Electronics Show being held in the next hall. There was a great electronic gate operator on display by [http://www.eliteaccess.com] for your driveway's gate, but it is not meant for a do-it-yourselfer. I saw plenty of electronically controlled home cabling, and tons of audio and video equipment for an automated home at various booths. One company is wholesale only, but you might enjoy their Web site [http://www.worthdist.com], which is for Worthington Distribution. They have been around for years.

I have mentioned the following before, but if you love shopping for automated gadget stuff, visit [http://www.smarthome.com] and ask for their catalog. There were many more interesting items, but I had to cruise fast to see it in the time I had to explore.

That's it for this month. Meet me here again next month if your editor permits. This column is written to make user group members aware of special offers I have found or arranged, and my comments should not be interpreted to encourage, or discourage, the purchase of products, no matter how enthused I might sound. Bob (The Cheapskate) Click [Bobclick@mindspring.com]. Visit my Web site at [http://www.dealsguy.com] for past columns and some interesting articles.

Ozone created by electric cars now killing millions in the seventh largest country in the world, California.

Baby conceived naturally.... Scientists stumped.

Authentic year 2000 Florida "chad" sells at Sotheby's for $4.6 million.

Upcoming NFL draft likely to focus on use of mutants.

Iraq still closed off; physicists estimate ten more years before radioactivity decreases to safe levels.

Castro dies at age 112; Cuban cigars can now imported legally, but President Chelsea Clinton bans all smoking.

35 year study: Diet and exercise is the key to weight loss!

George Z. Bush says he will run for President in 2036.

Texas executes its last remaining citizen.

Average height of NBA players now nine feet, seven inches.

New federal law requires that all nail clippers, screwdrivers and baseball bats be registered by January 2036.

And finally:
Microsoft announces it has perfected its newest version of Windows so it crashes BEFORE installation is completed.

- Amateur Radio Goes High Tech?

probably wound the coil on a toilet paper roll, or maybe a rolled oats box. Not Bruce - his coils are made of 1/4" copper tubing with a

line.) Bruce unveiled a device he had just recently built to measure the length of wire as it's un-spooled by a kite, and described its construction.

Bruce's eight foot long crystal set.

15" diameter and suspended on an 8' long frame of 2x4s!
Both Bruce and Ed discussed several of the design aspects, as well as antenna and ground issues.
They agreed that a vertical antenna was most desirable, but how does

Not content with just a broadcast band crystal set, Bruce has also built a short wave set, and has also been experimenting with an FM crystal set, using slope detection. He displayed both but was unable to receive any FM stations due to the limited antenna available at the meeting.

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- Amateur Radio SIG -

Bruce's Kite for antenna experiments.

one string a wire 100' or more vertically? They described their sometimes hilarious attempts at using balloons and kites to suspend an antenna wire, and the difficulties with both methods. (It is extremely important and dangerous to fly a balloon or kite near or into power lines. High voltages can jump many feet as you are providing a ground at the other end of the

At our May 6th meeting we will be doing several things:
1. Viewing a video of one of the Amateur radio equipment manufactures factory, Ten-Tec and a demo of their Jupiter transceiver.
2. Encouraging the members that built the Rascal interfaces to bring them in so we can test them and demonstrate the various software to use
3. Talk about the upcoming Hamvention®

We meet the first Tuesday of each month at 119 Valley St 7 PM. For more info send an email to k8dma@dma.org or call George Ewing, WD8NHI at 937-667-3259

NASA Speaker Addresses Schools

by Millard Mier III

As part of DMA®'s continued support of local schools, Computerfest® made available its special guest speaker, Inge Heyer of NASA's Space Telescope Science Institute, to address students at local schools. Over 30 schools in the Dayton area were approached by volunteers Darlene Sye, Gail Young, George Ewing and Millard Mier III. Schools were chosen based on their physical location. The final selection was on a first come, first served basis. The schools selected to have Inge address their students were: Beavercreek High School, Fairborn High School, Kettering Middle School, Miamisburg High School, Oakwood High School and Trotwood-Madison High School.

Inge gave a slide show and lecture titled "A Journey Through Space With The Hubble Space Telescope" which displays Hubble photographs showing the wealth of objects in our Universe, the processes they undergo, and the relationships between them. She presented to student groups ranging from astronomy clubs, gifted science students, and even a 700-student general assembly. At some schools, she met with students afterwards in smaller focus groups. Her lecture was captivating and was greatly appreciated at every school she visited.

Inge is a senior data analyst with the Hubble Space Telescope at the Space Telescope Science Institute in Baltimore, MD. She was in Dayton as a guest of Computerfest® where she presented a total of four presentations on Space and Space Exploration. Inge works on images obtained by the Hubble Space Telescope's Wide-Field and Planetary Camera 2. She participates as a volunteer in the Space Telescope's educational and public outreach program, and gives presentations about Hubble's achievements at conventions throughout the United States as well as in Europe. She is a member of the Enterprise Team and has participated in the program at the US Space Academy three times. She enjoys talking about astronomy and space science and her lectures were extremely well attended at Computerfest®.

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Helpline: Computer Resource People

DMA®'sHelpline listing below lists members who are willing to accept occasional telephone calls at home to give free assistance to **other DMA® members (only)** when they have a problem with a particular software or computing concept.

Will **you** please consider signing up, like those good people below, if only on a trial basis? Call George Gibbs (937-429-9072) or Edwin Davidson (937-294-8524), or email us at Editor@dma.org Everyone has a particular program or game, or ability with certain hardware they know pretty well. Maybe you use it all day at work, or all night at play, or recently installed a board or upgraded your PC, etc. This makes you more knowledgeable than someone who has not yet used that software or installed that hardware and you could possibly be a great help in solving a problem of another DMA® member. Or perhaps you write programs in certain languages, or are a developer, networker, webmaster, or use search tools skillfully, etc., and their questions would be easy for you. The field of possibilities is nearly unlimited.

You choose the time(s) and day(s) you can provide assistance, and the subject. We'll ask the caller to be ready to provide his/her membership number (on the back of each DataBus) to you; to respect your stated times; and to keep inquiries to a minimum.

Callers: Please be prepared to give the Helpline volunteer your membership number; DMA® membership has its privileges! Please do not ask for assistance outside of the stated times. If you reach a telephone answering machine, leave a message, as many people screen calls or otherwise prioritize their time. E-mail addresses are provided so that you can contact them if you have trouble getting in touch via telephone. (Remuneration may be appropriate when a member spends a longer than normal time providing help.)

Problem with this?	Call Member:	Times:	Phone No.	Days	Email addresses:
Apple Macintosh, FrontPage98	John Driggers	9am-2 p.m.	800-227-9597 x5870	M-F	johndriggers@sprint mail.com
PowerPoint, Internet Basics	Carol Esch	6-7:30 p.m.	339-0202	M-F	eschc@dma.org
MS Publisher	Bob Esch	4-7 p.m.	339-0202	M-F	eschb@dma.org
QuickBooks	John Friedenbach	7-9 p.m.	294-8113	M-F	jlfriedenb@aol.com
MS Word	Carol Gudorf	7-9 p.m.	606-363-0690	M-F	gudorfc@dma.org.
MS Word/Excel/Access/Works	Doug Johnson	7-9 p.m.	252-7991	M-F	johnson@dma.org
Investment Clubs	Hank Pesa	7-9 p.m.	435-1146	M-F	pesa@erinet.com
MS Office,Word/Excel/PwrPt; MS Works, Internet Searching	Millie Tanner	7-9 p.m.	513-489-7273	M-W-F Sat. & Sun.	tannercm@fuse.net
Windows 98 + Internet	Gary Turner	9 am - 9 pm	253-5090	Tue.-Sat.	turnerg@dma.org
Routers,Hubs,Switches (Cisco)	Ron Wagner	before 9 p.m.	W - 264-7244 H - 698-4854	M-F	wagner@dma.org
Oracle Database (sql / pl-sql), CADD (Microstation in particular) use and application development, C/Java/ C++ programming, Enterprise Integration	Jerry Walter	—	Use email.	—	gwalter1@woh.rr.com
Serial/Parallel Ports	Verne Wiese	7-9 p.m.	429-2969	M-F	vwiese@dma.org
Linux	Don Corbett	9 am - 9 pm	604-8793	M-F	thelinuxguy@team-linux.com
What is your specialty?	**Your Name Here**				

- More Benefits of Being a DMA® Member -

Just look at the many money-saving member benefits listed below! If you manage or own a company or store, or know of one that would like to join in attracting DMA® customers, please contact Carol Ewing, ewingc@dma.org or 937-667-3259. As a Board Member, Carol is always listed on page 2 of The DataBus. Discounts are printed in The DataBus every month. They are also on the web site, www.dma.org
For more information on any of these discounts, call the store or email Carol Ewing - ewingc@dma.org..

Members MUST show their current membership card* to receive any discounts. Please check *The DataBus* each month for new and even more exciting discounts for our members.   NOTE: Discounts are subject to change without prior notice.

- **Books & Co.**   350 E. Stroop Rd.
  937-298-6540   Kettering, OH 45429
  www.booksandco.com
  20% off computer books ONLY. This discount does not apply to any other books, any magazines, or any other items in the store.   Please take computer book purchases to the regular cash registers, not Special Orders Desk.

- **Borders Books Music & Cafe**
  2040 Miamisburg-Centerville Rd., Dayton, OH 45459
  937-434-3800
  Discount of **20%** on computer books (except NET books).
  Please remind them DMA® is on their "Corporate Listing"

- **Dayton's Original Pizza Factory**
  1101 Wayne Avenue, Dayton, OH
  937-224-4477
  Discount is **10% off** any pizza order, and
  Discount of **20% off** any pizza order over $50.00
  Not valid with any other discount coupon or offer.

- **Dorothy Lane Market**   www.dorothylane.com
Oakwood	Washington Square	Springboro
2710 Far Hills Ave.	6177 Far Hills Ave.	740 N. Main St.
Dayton, OH 45419	Dayton, OH 45459	Springboro, OH 45066
937-299-3561	937-434-1294	937-748-6800

  Go to the DMA® web site for information on how to sign up. You will be mailed a free Club DLM card to receive store discounts. Use your Club DLM card with EVERY purchase to receive special offers. The Club DLM card is also honored at other participating retailers. DMA® can get up to a 1% rebate on your purchases. DMA® Charity # 518.

- **Fairborn Camera & Video**
  14 E Main St   Fairborn, OH 45324
  937-878-4392   faircam@erinet.com
  10% off digital camera accessories when purchased with any digital camera or digital camcorder. Valid through 5-31-2004.

- **GEMAIR, Inc. (See ad on page 15.)**
  2555 S. Dixie Hwy, Suite 102, Kettering, OH 45419-1532
  937-913-0083 or 877-443-6247 (toll free)
  www.gemair.com **Special DMA® member rate** $149.95 annually (equivalent to $12.50 / month).

- **Microsoft Press Books**
  20% off, all DMA® members:
  a) Visit http://mspress.microsoft.com   b) Select a book.
  c) Call 1-800-MSPRESS   d) Give them the code MCPC
  (indicating you are a User Group member).

- **PC Club Ohio**   - www.pcclub.com
291 N. Springboro Pike	2602 Colonel Glenn Highway
Miamisburg, OH 45342	Fairborn, OH 45324
937-434-3888	937-427-8808

  5% off any regular priced product. Expires 5-1-04.

- **CompUSA**   www.compusabusiness.com
  221 N. Springboro Pike, Dayton, OH 45449
  937-436-7239   Valid thru 9-30-03
  Call Marty White or stop at Corporate Desk, M-F 8-6.
  Order pickup other hours at the Customer Service Desk.
  Computers - Lower of: **10% over cost** or shelf price
  Software -   Lower of: **15% over cost** or shelf price
  Accessories - Lower of: **10% under retail** or shelf price
  Training - **$149.00** (reg. $199) course voucher

- **The Mac Depot**
  2025 E. Dorothy Lane, Kettering, OH 45420
  937-643-2667
  Save **25%** off Macintosh Computer Repair.
  Discount applies to labor charges only; excludes parts.
- Maximum discount is $25.00   Valid through 31 Dec. 2003

- **Ohio Custom Computer**
  1866 S. Maple Ave.   Fairborn, OH 45324
  937-879-9650   www.ohiocomputer.com
  5% off regular priced items - valid through 12-2003.

- **Sam's Club** | **Sam's Club**
6955 Miller Lane	1111 Miamisburg-Centerville Rd.
Dayton, OH 45414	Dayton, OH 45459
937-454-6200	937-436-0299
www.samsclub.com	

  DMA® membership card qualifies you to receive an Advantage Membership for $35.00. This is for you & anyone in your household. *But they must live at the same address as the DMA® member.* Call Sam's Club, identifying yourself as a DMA® member, for information on their specials of the current month.

- **Nuclear Computers**
  6333 N. Dixie Dr.
  Dayton, OH 45414   nuclearcomputers@hotmail.com
  937-264-8260
  10% off labor bill over one (1) hour in Shop.

If you have a question or problem with a Benefit Discount Store, contact Carol Ewing.
DO NOT HASSLE THE STORE !   Be sure to mention you learned about these discounts in *The DataBus.*
*For membership card, send a SASE to: DMA® Membership, PO Box 4005, Dayton, OH 45401-4005

*It was just a matter of time before we had to start **Page 2**! Check out these newest additions to your member benefits.*

If you manage or own a company or store, or know of one that would like to join in attracting DMA® customers, please contact Carol Ewing, ewingc@dma.org or 937-667-3259. As a Board Member, Carol is always listed on page 2 of <u>The DataBus</u>. Discounts are printed in <u>The DataBus</u> every month. They are also on the web site, www.dma.org.
For more information on any of these discounts, call the store or email Carol Ewing - ewingc@dma.org..

Members MUST show their current membership card to receive any discounts. Please check *The DataBus* each month for new and even more exciting discounts for our members. NOTE: Discounts are subject to change without prior notice.

- **Click Camera & Video**
  Nine area locations - see www.clickcamera.com

  10% off digital camera accessories with purchase of any digital camera or digital camcorder.
  10% off prints from digital cameras.
  Not valid with any other coupons or offers.
  Valid through 12-31-2003.

- **Down Home Dreams** - www.dhd-emb.com
  433 Troy St.   www.embroiderydreamers.com
  Dayton, OH 45404
  937-224-4586
  10% off all regular priced items to DMA® members.
  25% off all regular priced items to DMA® members who are also members of the Digital Textiles SIG.
  May not be combined with other offers.

Welcome to our newest DMA® members

May your association with DMA® bring you many new friends, be enjoyable, informative & entertaining. Introduce yourselves to those around you when you attend our meetings. Any questions?

Since the Apr. 2003 of *The DataBus*

Last Name	First Name	City	Last Name	First Name	City
Anderson	Forrest	Dayton	Holley	Robert M.	Trotwood
Ausra	Alexander	Brookville	Imhof	Neil	Medway
Beitel	Frank	Dayton	Jarvis	Alfred	Dayton
Bleason	Sean	Dayton	Kaz	Steve	Englewood
Bradfute	Bill	Xenia	Lauber	Brian	Dayton
Brown	Keith	Sidney	Marsteller	Phil	Centerville
Brown	Phil	Cedarville	Mattix	Donna (a)	Kettering
Cooper	Raymond	Dayton	Middleton	Fred K.	Dayton
Deck	Douglas S.	Franklin	Myers	Russell	Dayton
Demmel	Anna E.	Kettering	Neely	David	Beavercreek
Devlin	Catherine	Brookville	O'Keefe	Karen	Bellbrook
Dierking	Justin	Springfield	Opicka	James C.	Kettering
Eklund-Leen	Susan J.	Dayton	Peirano	Mary E	Yellow Springs
Evans	Jim	Dayton	Pitstick	Christopher	Xenia
Fiehrer	Tim	Dayton	Poolman	Jon K.	Dayton
Froelich	Gary L.	Dayton	Smith	Kevin	Kettering
Halladay	Dean J.	Kettering	Smith	Linda G.	Beavercreek
Heider	Ryan	Kettering	Worthington	Bill	Troy
Higgins	Mike	Vandalia			

(Sometimes additional new members who indicated they did not want their names published, seven this month, are not listed.)

If you would like to automatically receive occasional mailings describing the upcoming meeting topic and other timely DMA® news, simply place "subscribe dma-announce" (without the quotes) in an email message area and send that message to: majordomo@dma.org

- Certification SIG -

Want to earn the BIG bucks and have fun doing it?

Now that I have your attention. Linux is growing in popularity everyday in both the home but more importantly in the business and government IT departments. The more you know the more valuable you are to your employer but most of all yourself. Are you prepared? If not, you need to join DMA's Certification SIG in May when we start our studies of the CompTia Linux+ certification.

During April the Certification SIG is wrapping up its studies of the CompTia Network+. Several of our members look forward to taking the exam this summer.

At the May 13th meeting we will start our studies of the CompTia Linux+ certification. As we progress in our studies I hope to have some guest 'trainers' from the Linux SIG to make learning more 'fun'. Several of the topics we will be covering include: Planning the Implementation, Installation, Configuration, Administration, System Maintenance, Troubleshooting, Identify, Install and Maintain System Hardware. For more information visit http://www.comptia.org/certification/linux/objectives.asp to see the objectives we will be studying.

As I write this we are still deciding on what study materials we will be using. I suspect there will be several web sites, a book or two and computer based training (CBT). The CBT will be a SIG purchased donation to DMA. I estimate a total of $15-$20 per person, depending on how many participate. This is not meant to be a financial burden for anyone. If the cost is a concern please let me know.

I do ask that those wanting to participate get in touch with me ASAP, email certsig@dma.org or call 667-3259, so I know how many books to order.

Our meetings are held at 119 Valley St, Dayton. See http://www.dma.org/to-us.html for directions.
We look forward to seeing you at our SIG meetings.

SIG Leaders George Ewing, George Lee, and Larry Ford

At our next meeting April 23rd at 7 PM, we will continue our wrap up of the Network+ studies. If your not able to make it be sure and put April on your calendar.

As always we look forward to seeing you there where 'those in attendance always learn something'.

George Ewing Larry Ford George Lee
SIG Leader SIG Leader SIG Leader
Visit the one and only Computerfest® www.computerfest.com August 23 & 24 2003 Sat. 9:00 a.m. - 6:00 p.m. Sun. 10:00 a.m. - 4:00 p.m.

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- Sheet Addition with Excel 97/2000 -

by John Heenan, NOCCC -

For Excel 97/2000 users, if you need to add more worksheets to an existing workbook, don't worry, you can add worksheets without doing any harm to existing data, but here's one peculiarity: Let's say that your current workbook has three sheets. These sheets are named Sheet1, Sheet2, and Sheet3. To add a new sheet that is to be named Sheet4. Right-click the Sheet3 tab and choose **Insert | Worksheet**. You'll get a new sheet named Sheet4, but it will appear between Sheet2 and Sheet3. Excel inserts a new sheet before the selected sheet. But you wanted it after Sheet3, right? So, use the left mouse button to grab the new Sheet4 tab, then drag it to the right of the Sheet3 tab. You'll see an arrow appear to show you the new sheet placement. When you release the mouse button, Sheet4 will appear after Sheet3.

Make Excel Worksheets Fit Your Paper - Large worksheets in Excel can make for cumbersome printouts, with rows spreading across several sheets and pages breaking in the wrong places. To get the hard copies you want, select File | Page Setup.

In the Page Setup dialog box, select the orientation for the worksheet Landscape orientation is better when the number of columns exceeds 20. In the Scaling section of the dialog box, click "Fit to," and then use the arrows to indicate the number of pages wide and number of pages tall the worksheet should be. At this point, click the Print Preview button to check the results.

Click the Zoom button in the Print Preview window. If you cann't read the worksheet on screen, you probably won't be able to read it on paper. You've squeezed your worksheet into too few pages. To change the number of pages, click Page Setup button. If the worksheet does not fit properly, go back to the worksheet and adjust column sizes.

To check the position of page breaks, click Page Break Preview while in the Print Preview window. Scroll down until you see a blue line indicating a page break. If it's not where you want it, click and drag it up. (You can't drag it down.) Click **File | Print Preview** to return to the Preview window.
When you're satisfied, click Print in the Preview window or the Page Setup dialog box to put your worksheet on paper.

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- DMA® Board Minutes - March 3, 2003 -

by Carol Ewing DMA® Board Secretary

Call to Order by Lisa Singh @ 7:12 PM.

Members present: Gary Mullins, Gary Turner, Leah Day, Carol Ewing, Millard Mier, Carolann Lemen, Lisa Singh.

Visitors: George Ewing, Lillian Rudolph, Lou Childs, Dale Childs, Randy Young, John Friedenbach, Peter Hess, Paul Bullock, Jennifer Bullock, Ed Davidson.

Recognition of Visitors.

Reading/Acceptance of past minutes. Millard Mier made a motion to accept the minutes as written. Gary Mullins 2nd. Passed 6 –0.

Officers Reports.

President - Lisa Singh. She would like to see us join ASC for $50.00 a year. Lisa heard DMA® was one of the founding members of ASC. Lisa said Carol Ewing would explain more in her Membership committee report on TechFest2003.

Vice-President - Gary Mullins. No report.

Secretary - Carol Ewing. John Friedenbach found two boxes in the Treasurer's office with tapes and paperwork so she will go through it. No one sent reports before Friday deadline as is stated in board approved guidelines. No reports were sent before Monday's meeting at all. The purpose is for trustees to read reports ahead of time and be prepared to discuss it and save time at the meetings.

Treasurer - Carolann Lemen. We need to review the procedure of mail pickup. Lisa Singh and Gary Mullins will review this with Dave Smith. We need to find someone to fill in some times over the next few months.

Committee Reports.

OTAP - Randy Young. Randy thanked Carol and George Ewing, Northern SIG members, Millard Mier, Jim Rowe and everyone who helped set up 86 systems at Moraine Charter School. Randy took 15 more, leaves 14 to go. OTAP is gearing up to help Computerfest® and Heartland Conference. Gary Turner asked for GEMAIR to get 2 machines from OTAP two months ago. Randy said he would be happy to look into it after Computerfest®. Lisa wants to talk to Randy about OTAP after Computerfest®.

Membership - Carol Ewing. 877 members. General meeting attendance was 87. Peter Hess said he counted 106, so some are not checking in. We had 5 Guests, 26 renewals, 1 new reg., and 1 new associate. We had 14 that renewed for three years at old rate. No one complained on the dues increase. Marion's Piazza is offering a program for non-profit fundraising. DMA® gets 10% on food purchased, drinks excluded, with specific dated coupons. Carol will put coupons in newsletter for each month. DMA® was invited to TechFest2003, sponsored by ASC, through Gary Ganger's invitation for the museum. This was a three-day show. Carol and George Ewing, Lisa Singh and Rammy Meyerowitz together worked the whole show. They had DMA® tabletop display to promote GEMAIR, Inc., OTAP and Computerfest®, especially the student vouchers. Carol said the fee to join ASC is $50 yearly. ASC is math, science and engineering educated based council. The trustees agreed to join ASC. She read a note from a member saying that DMA® membership is "very valuable and worthwhile and I truly thank you and DMA®"

Computerfest® - Randy Young. The staff is working very hard. Advanced Training signup is average. We have to purchase systems for training but will be assets for future. The ad agency, PON, is doing a fabulous job.

Radio spot is on front page of the web site. Billboards are up. There was an article in Englewood Independent about the Hubble school program. Randy is doing several radio spots. Tickets, posters and student vouchers out. Seminars are full, list on web site. There will be four live remotes at show on Saturday. He may close North Hall. He regrets not starting work with ad agency four months ago. Hara honored our contract with their show this weekend that included two computer related booths.

Heartland - Peter Hess & Paul Bullock. Peter recommended to the board to cancel Heartland due to low vendor sponsors and low attendance. He wants attendees and volunteers to have access to Computerfest® as before. The Dayton Airport offered a Friday night pizza party for attendees still coming. He wants a free Heartland booth at Computerfest® and 25 complimentary tickets. Randy approved the booth and 25 comp tickets for Heartland. They want to set a new conference fee to include a DMA® membership. Randy and Paul will talk about vendors approached for Heartland. Millard said any information handed out at the booth must be accurate, Lisa requested they have information on Heartland's planned schedule for this year and not sure what it will be next year. APCUG may pay $500 next year if Heartland is repeated. Peter will email volunteers and attendees and phone vendors. A motion was made by Millard Mier and Leah 2nd to cancel Heartland. For-5, Oppose-0, Abstain-1. The Heartland domain cost $70. Peter had expenses for postage, phone, domain name, printing, etc. There was a discussion of expenses already made, for closeout, printing for Computerfest® booth and Pizza party Friday night at Dayton Airport. Carolann made a motion of $400 budget for entire cancelled Heartland event. Gary Mullins 2nd. For-4, Opposed-1.Gary Turner

was not present when the vote was taken, said he was for the motion but was not included in the official vote. Carol Ewing said the board should thank Peter, Paul, Jennifer and all the volunteers for all their work for Heartland. The board thanked them.

Break 8:30 –8:40 PM.

Publication - Ed Davidson. We need to find an Editor-in-Chief and some volunteers. He can email Carolann any budget questions. Randy Young, as President last year, set the count of printed newsletters to a fixed number of issues over the membership number. Ed said the publishing committee is currently discussing that. Lisa Singh thanked Ed, and George Gibbs, for accepting the acting co-editor jobs.

Programs - Lisa Singh. We need a director. We need to get big name presentations.

GEMAIR, Inc. - John Friedenbach. John agreed to be interim President for a couple of months. The new Board of Directors is: Randy Young, Gary Turner, Bill Jacobs, John Friedenbach, Teffan Moler, Paul Ahlquist and Myron Schlensker. Leah Day will not return. Motion was made by Millard and Leah 2nd to approve GEMAIR board as read. For-5, oppose-0, abstain-1. Officers are Interim President-John Friedenbach, Treasurer-Teffan Moler, and Secretary-Myron Schlensker.

Finance - John Friedenbach. No report.

Old Business:

Building Manager - Building Usage Committee - Carol Ewing read the email from Dave Thomas withdrawing the Apple-Dayton request for storage room in basement at 119 Valley for an Apple museum. Lisa passed out the existing building usage policy. Carol said we have to work on this in case other SIGs want storage space.

Publication Committee - Don Corbet. Don is absent, tabled until next meeting.

StreaminGiant (SG) Contract - Lisa extended the contract another 30 days. We have no contract for the upcoming show. Lisa gave Susan Kendall, seminars co-chairman, an agreement for speakers to sign if they want SG to tape their presentations. Carol said we have extended it 2-3 months and that is enough time. Randy Young suggested the board approve the executive committee, the officers of DMA®, to make a decision regarding the spring show after getting response from Rod on the status of the contract. Lisa said we have to decide if this will be the last extension and then if SG is allowed to tape at the Spring show. Millard Mier made a motion to allocate up to $150 and empower the 4 officers of the club to reach an agreement, with no other upfront cash, to allow the taping at the Spring show by SG. Motion died for lack of 2nd. There will be no taping from SG at the Spring 2003 Computerfest® at this time. If SG provides a contract, the board must meet again before Computerfest®.

GEMAIR - John Friedenbach. This is moved until executive session at the end of the meeting.

Volunteer of the month - Lisa Singh. Board agrees to Edwin Davidson, acting co-editor of *The DataBus*.

New Business:

New SIG - Lou Childs. She wants to start a new sewing embroidery SIG. Carol Ewing made a motion that Lou Childs be the SIG leader for a computerized machine embroidery SIG, not to be held at her store. Millard 2nd. Passed 6-0. It will be called Digital Textiles. She will talk to Dave Smith and set a meeting date at 119 Valley. Randy will email John Daniel that she is entitled to a SIG booth at the show.

She also offered a discount for members. Carol Ewing will get details for the web site and newsletter.

Executive Session.
Out of Executive Session.

Strategic Planning - all day retreat-Lisa Singh- we will schedule after Computerfest®. Bring calendars next meeting to set date.

Fundraising - Lisa Singh. No one brought ideas, bring 5-10 ideas next meeting.

Good of the Order.
Millard Mier - Science Fair is March 22 at Central State. Will send emails. Carol Ewing - shorter meeting is good Leah Day - hope to have a good Computerfest®
Carolann Lemen - nothing
Gary Mullins - nothing
Gary Turner - nothing

Motion to adjourn by Gary Mullins and Carolann 2nd. Passed 6-0.

Meeting adjourned 10:15 PM.

Carol Ewing - Secretary, DMA®

DMA® Trustee Nominations

Each year at the September General Membership meeting, the membership of DMA® elects three new Trustees. We start accepting nominations on June 1, 2003 and will close them on August 31, 2003. The three Trustees elected will each serve for a three year term. The four DMA® Officer positions are each for a one year term and are elected by the Trustees.

If you or someone you know is interested in one of these positions, please contact the Nominations Committee at elections@dma.org or call George Ewing at (937) 667-3259.

- Gaming SIG v2.0 -

Gaming SIG v2.0 Unfortunately, due to the support level for the current iteration of the Gaming SIG, we will no longer meet physically every month on the third Tuesday at 119 Valley Street. What?! Is all gaming hope lost?! No, no, no! Do not despair, gaming fan; notice I qualify that statement with "physically".

The unique nature of a SIG devoted to all things gaming is best served, not by physical meetings, but by a Website - a virtual hub - where gamers can exchange comments, advice, and gripes; a heaven to arrange multiplayer sessions; a repository to post ideas and reviews. This will be v2.0 of the Gaming SIG.

Be sure to look for future updates here to learn more. As always, your comments are welcomed by dropping us an email at:

> gamingsig@technomutt.com
> See ya.

- Volunteers Needed -

Volunteer Coordinator.— Someone who will help coordinate volunteers for, Computerfest®, Heartland Regional conference and other groups and events DMA® puts together over the year.

Program Director — Do you like the monthly meetings? Have you ever thought? "I wish we would get these people in to give a demonstration of some software." If you like talking on the phone, and getting more information about your favorite software. This could be the position for you.

Board members — for GEMAIR Inc. Your club owned local ISP and web hosting green eyed monster is in need of guidance as we move into competition with high speed internet, low cost dial up, and other internet realities. Do you have ideas to help guide the direction GEMAIR Inc needs to take, to meet the needs of the club ?

President of GEMAIR Inc.— John Friedenbach is stepping down in March, and would like to get someone who can take over the responsibilities of making executive decisions for GEMAIR, and handle the fiscal responsibilities of payroll and other duties as needed.

DataBus Editor — Are you looking to get some Editing experience, or ifs you can tell whatts is wrong with theis paragraffiti pleez email us at Editor@dma.org. Wes will be happy ifn you can help us wif this newzliter as we needs sumwon whos cans rights and speecheses better thans us.

Write to us here at *The DataBus,* if you are interested in any of these DMA® positions, to Editor@dma.org, or write to a board member that you know, as they are listed on page two. You can also come to the monthly meetings, or possibly the board meeting. See Calendar on page 32 for other events.
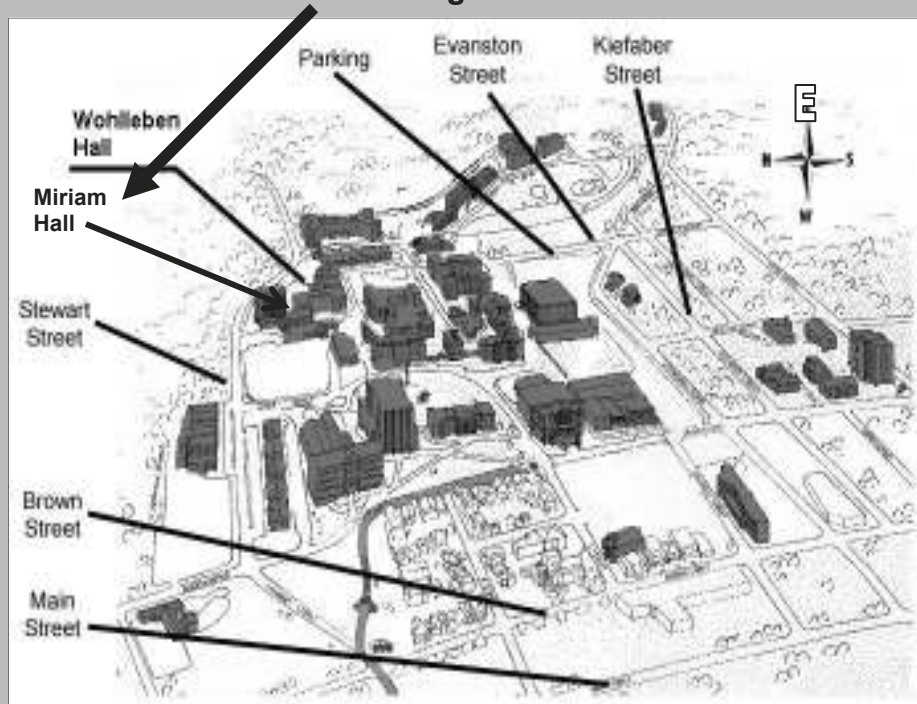

Map courtesy of Millard Mier III, DMA®

Location Change!

We're back at U.D.'s Miriam Hall through April of this year, again in O'Leary Auditorium , ...and still the last Tuesday of each month.

However, you should know Gary Mullins and others are looking into alternate locations (due to the fact that it appears we may outgrow O'Leary Auditorium in the near future.)

Add'l directions online at: http://www.dma.org/to-us.html

Note the change in DMA®'s monthly General Meeting location!

Digital Photography SIG

The next meeting of DMA®'s Digital Photography SIG will be Thursday, May 1st at 7:00 p.m. in room 206, Fawcett Hall, at Wright State University. We will be delving into digital video using a 1394 DV camera and editing the footage using Microsoft Movie Maker 2. Movie Maker 2 is available as a free upgrade to Windows XP and Windows ME users. It provides most of the major movie editing features and allows you to save your work in a wide variety of formats and qualities. You can even use it to cut DVDs (assuming that you have a DVD burner). Time permitting, we may also take a look at Adobe Premiere 6.5, a professional grade program that allows even more options! The meeting runs until 9:00 p.m., after which we will adjourn to a local eating establishment. This will be a great meeting and will serve as an introduction to any would-be videophile!

The June meeting will be held on June 6th at the same location. It will be hosted by Joe Solch and will give an overview of creating Video CDs (VCDs) with slideshows of your favorite pictures that can be played on most DVD players. This is a great way to share your digital photos with those who do not use computers!

Our April meeting was held on April 3rd and featured photo editing using Jasc's Paint Shop Pro (http://www.jasc.com/products/psp/) software. There were 34 people present. Paint Shop Pro is a full-featured photo editor that is very reasonably priced. Dean Miller and Lou Childs led the meeting. Lou gave an overview of Paint Shop Pro and showed many features, both simple and advanced. Dean showed us the advanced red-eye removal features and how to create CD inserts using Paint Shop Pro. We learned about the features of Paint Shop Pro, and how it differed from other programs of its type. For its price, Paint Shop Pro is the leader in photo editing!

Our March meeting was held on March 6th and covered purchasing your first digital camera. The meeting was led by Michael Zulauf and Lou Childs. 37 people were in attendance. We learned about determining your needs, keywords to look for, researching cameras on the web, and picked up a few good buying tips along the way.

For directions to our meetings, or for more info about the SIG, visit www.dma.org and select the Digital Photography SIG. You will also find information about subscribing to our mailing list for meeting reminders.

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Pizza SIG

As many of you know, DMA®'s Pizza SIG meets after every General Membership meeting. We have been meeting at the Marion's Piazza located at 711 Shroyer Road in Oakwood. Marion's Piazza has started a new program where, if you purchase pizzas, sandwiches or spaghetti AND use a SPECIAL Coupon when ordering, DMA® will receive up to 20% of your food purchase.

We know some of you don't get a chance to come to the meeting but still like to join us at the SIG meeting. We can NOT distribute these coupons at the store so be sure to bring this one. We will also have coupons available at the meeting.

Additional Area User Groups

This list is provided as a service to anyone looking for a group supporting a particular computer, operating system, etc.

These user groups are not directly associated with DMA®. See page 4 for a list of DMA®'s Special Interest (SIG) Groups & their meeting times.

If you know of a user group which would like to have their meeting schedule listed here send details or a current newsletter to:

EDITOR, DMA®'s *The DataBus*

DAYTON MICROCOMPUTER ASSOC.

73 So. Dorset Road

Troy, OH 45373-2666

ACM - Association for Computing Machinery holds monthly dinner meetings, dinner 6:30 PM, 7:30 p.m. speaker. Contact Marie Hreha (937) 435-7822

AITP - Association of Information Technology Professionals (formerly DPMA) meets the 2nd Thursday each month.   Holds dinner meetings at the Antioch Shrine Temple at 107 E. First St, Dayton [1st & Jefferson]. Contact Jim Stryker (937) 865-6800x2599 for details.

AMITECH AMIGA USERS GROUP - (**AMIGA-DAYTON** has merged with this group.) Meets the third Saturday of the month at 1:30 PM at the Huber Heights Library. A Programming SIG will meet after the general meeting. Soft drinks/snacks will be provided. Contact Ron Schwartz, (937) 434-2144.

BDPA - The Black Data Processing Associates is made up of data processing entrepreneurs, managers, and employees. Their objective is to accumulate d.p. knowledge and business experience to strengthen the expertise and broaden the data processing knowledge of the minority data processing community as a whole. Contact Denia Byndon 937-455-0373.

CCCC - Cincinnati Commodore Computer Club meets the third Sunday of the month at 2:00 PM at the School of the Nativity, Norwood, OH. For more info call Ed Gase at (513) 829-0942.

CCS - Columbus Computer Society holds two meetings per month: the second Monday (at Chemical Abstracts) and the Wednesday nine days later (OCLC). 6:30 p.m. - New member orientation; 7pm General meeting. For further information, contact their Information line at (614) 447-0227.

CINTUG - Cincinnati TriState Users Group meets the 2nd Saturday at Messiah Lutheran Church. Go South from Forest Fair Mall on Winton Road and turn left on Lakeview Dr. (on the north side of Winton Lake) then left on Bossi Lane. Contact Terry Ferguson at (937) 825-2505 for more information.

CPCUG - Cincinnati Personal Computer Users Group meets the second Monday of the month at 7pm in the auditorium of the Cincinnati State College - Evendale Branch at 10100 Reading Road. For more information call (513)333-6777 or www.cincypcug.org on the web.

DACUG - Dayton Area Computer Users Group meets the second Saturday of each month at 3:00 P.M. at the Moraine Civic Center in Moraine. Contact Mona Spurgeon at (937)298-6743.

DAYTON.PM - A new group currently organizing, for programmers of all levels who use Perl. Meetings: 2nd Wed. of each month. Website at dayton.pm.org or contact: eric.smith@b2.wpafb.af.mil

DACW - Dayton Advocates for Computing Women, meets the 4th Mon. of ea. mo. Oct-May, (except Dec.) at the Stockyards Inn. Networking is at 5:30, 6 PM dinner, 7 PM speaker. Contact Chris Zurbuchen   227-9500x303(days), 767-1043(evenings) or dacwweb@yahoo.com

DECUS - the Digital Equipment Computer Users Society is the world's largest volunteer-run computer users organization focused on a single vendor. The Greater Dayton Local Users Group Chapter meets the last Tuesday of every month.
Contact: Jim Poltrone (937) 438-0140

IEEE - The Computer Society of IEEE meets third Thursday of each month from 11:30- 12:30 during lunch (can vary). Bring own lunch. Meetings are held at TASC, across from Wright State University.
Contact Bret Givens at (937) 255-8635.

NASAC (Xenia PC users group) – meets 7pm on 2nd Thursdays in at Library, 76 E. Market St., (1/2 block E. of Detroit St / RT.68), behind Police Dept, downtown. Visit our website at www.nasac.org for details.

TMG/ The MAC Group - is an Apple Corp. authorized Macintosh User Group. Meets: 2nd Saturday of each month at Kettering Arts Building 2900 Acosta St., Kettering. from 10:00 AM to 12:30 PM. More information? Call (937) 293-6980.

Mailing Label Explanation:
If this issue was mailed to you, you will see your membership number (left) and your membership expiration date (right) are on the line above your name.
If it wasn't mailed to you, it only costs $15.00 per year to be kept up-to-date with DMA® news and with our next speaker/ presentation.
To become a member, simply fill out the application at the center of this issue and mail it to the address on the back cover.

DMA® Events for April 20 - May 31, 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Apr 20	*Apr 21* **Apple SIG** 7:00 PM 119 Valley **Venture Crew** 7:00 Oak Creek UCC 2:00 PM OTAP	*Apr 22*	*Apr 23* 2:00 PM OTAP **Certification** 7:15 PM 119 Valley	*Apr 24*	*Apr 25* 2:00 PM OTAP	*Apr 26* 12 PM "On Technology" **12 PM Northern SIG** Troy-Hayner Cult. Ctr.
Apr 27 *The DataBus* deadline is the 1st of each month.	*Apr 28* 2:00 PM OTAP	*Apr 29* **Main Meeting** 7:30 PM O'Leary Auditorium, Miriam Hall	*Apr 30* 2:00 PM OTAP	*May 1* **Digital Photography SIG** 7:00 PM 206 Fawcett Hall, WSU	*May 2* 2:00 PM OTAP	*May 3* **8:30 AM OTAP** 12 PM "On Technology" **3:00 PM Classic Computers**
May 4	*May 5* **Board of Directors** 7:00 PM 119 Valley 2:00 PM OTAP	*May 6* **Amateur Radio SIG** 7:00 PM 119 Valley	*May 7* 2:00 PM OTAP	*May 8* **Software Development** 6:30 PM 119 Valley	*May 9* 2:00 PM OTAP	*May 10* **8:30 AM OTAP** 12 PM "On Technology"
May 11 Mother's Day	*May 12* 2:00 PM OTAP	*May 13* **Network & Certification** 7:00 PM 119 Valley Comp-TIA Linux+ starts tonight	*May 14* 2:00 PM OTAP **Perl Mongers** 7:00 PM 119 Valley	*May 15* **Digital Textiles** 7:00 PM 119 Valley **Linux / Unix** 7:00 PM Rm 150 Russ Engr Ctr, WSU	*May 16* 2:00 PM OTAP	*May 17* **8:30 AM OTAP** 12 PM "On Technology" 2:00 PM OTAP Board **3:00 PM Classic Computers**
May 18	*May 19* **Apple SIG** 7:00 PM 119 Valley **Venture Crew** 7:00 Oak Creek UCC 2:00 PM OTAP	*May 20* **Gaming SIG** 7:00 PM on-line	*May 21* 2:00 PM OTAP	*May 22*	*May 23* 2:00 PM OTAP	*May 24* 12 PM "On Technology"
May 25 *The DataBus* deadline is the 1st of each month.	*May 26* 2:00 PM OTAP Memorial Day (Observed)	*May 27* **Main Meeting** 7:30 PM O'Leary Auditorium, Miriam Hall	*May 28* 2:00 PM OTAP **Certification** 7:15 PM 119 Valley	*May 29*	*May 30* 2:00 PM OTAP	*May 31* 12 PM "On Technology" **12 PM Northern SIG** Troy-Hayner Cult. Ctr.

Remember:

DMA ▶ ™

- **DMA®'s General Meeting in April is on Tuesday 4/29, at 7:30 p.m.**
- **For up-to-date info about all your meetings, consult the DMA® webpage, or e-mail to: happenings@dma.org**
- **Membership applications/renewals: PO Box 340402, Beavercreek, OH 45434-0402**

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