

Classic 99

People

Helping

People

The official Newsletter of the Hoosier Users Group

March - April 1998

The HUGger's Newsletter

Volume 17 Number 2

Officer's Corner By Dan H. Eicher

First off, a big thanks to my wife Jamie. You may notice that the newsletter has a new look! The HUGGER Logo in the top left hand corner was created at the inception of the Huggers by an employee of Microcomputers, INC. (then our club sponsor). It was created in bitmap mode on a ProWriter printer, utilizing its ability to print a line then roll back!

Well, after about twelve years of being Xeroxed, he had started to show his age. Not having a ProWriter printer, I took him to work and scanned him in. With much time spent by Jamie and a drawing package, he is now cleaned up and back to his crisp self!

The other more dramatic change is in the header. For the past 15 years, the header has remained the same. With this issue, the header has been changed to Classic99 - but still retaining our motto: People Helping People. This is more true than ever before!

The TI-99/4A is a lot like a classic sports car. After production stopped, you saw less and less of them on the road. Their technology became dated. Newer cars became faster and more fuel efficient. Parts for these older cars became harder to find, (and more needed as miles went up!), they also become cheaper and cheaper as people moved on to new autos. Many of these sporsters set unused and non-working as people left them behind.

Then - a strange thing happened. As many reached middle age, they looked back fondly at the cars of their youth. They begin to hunt for these old sporsters, where ever they could find them, in what ever condition they could They started lovingly restoring them, driving them and even showing them off with no small measure of pride. They appreciated these autos for their uniqueness, not how it rated compared to newer autos.

This, my friends, is what I see happening with the 99. Commercial support has dwindled for us, new Pentium based computers running at 300 MegaHertz are common! Hard drives of 6 and 7 Gig's can be purchased for a couple of hundred dollars. Our TI's can't muster up even a fraction of this power.

So, why use a TI? Because many of us grew up with this computer. It gave us our start in the computer field, which many of us entered into as a profession. It harkens back to a by gone era where you had a choice of CPU's and operating systems. It was a much simpler time, when we were all learning and a few lines of Assembler or BASIC code could generate ohh's and ahh's of recognition.

That is why the change in the masthead. The TI has transcended the periods of being a popular home computer, it has gone through its stage of trying to keep up with Intel/Microsoft computers. It has seen all of its old rivals - Commodore, Timex, Coleco, Adam and Tandy all fall out of the main stream. It has reached a point, where it can simply be the computer it was designed to be without need for comparisons!

To take this thinking one step further, as time marches on, it will be harder and harder to have enough local interest to maintain a users group. But that does not mean we should throw in the proverbial towel - because all of us that use our Classic99's are a community and much richer for it.

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What that means is that user groups will be national, not just located to a specific city or area. This for the TI, is coming full circle. In the beginning, when there weren't enough local users to form a viable group, groups formed on a national scale to support those first fledgling users. As more and more people purchased 99's, local group formed and took the place of the national groups. Now, we have come full circle.

I hope you like the changes we have made, and that you will choose to let us support you now and into the year 2000!

If you are receiving this issue as a trial, I hope you will decide to come on board. Your dollars will help support the on-going publication of this newsletter and maintenance of our twenty-four hour BBS!

If your membership has been expired for more than six months, this will be your last issue unless you renew!

Kudos:

Thanks go out to Greg and Jamie. We have moved our checking account over to Indiana Members Credit Union. This will save us eight dollars a month service charge, plus a per check charge.

A big thanks goes to Bill and Bryant for their work on last month's newsletter, it looked GREAT!

At the March Meeting:

At the March meeting, I demonstrated a Control Data Corporation Console that I had purchased from Competition Computer and a copy of Ray Kazmer's Holiday greeting's program.

April Meeting Site:

The April meeting will be held at my house. If you need directions, please call or send me an email. Hope to see you there!

IN THIS ISSUE:

You will find my report on Fest West. The Huggers were well represented by Jeff White, Bryant Pedigo and myself. On the list server, I left a message to John and Laura (who were at Fest West) to tell us a little bit about the people who have made such a contribution to the TI community with the publication of Micropendium. Laura's reply is very heartfelt. You will also find an article by Jeff White, originally posted on Delphi.

CSHELL99.

Released in the mid-eighties, Cshell99 is an advanced Graphical User Interface (GUI) for the 99. It was a labor of love by Joe Ross. In fact, I got a demo version and showed it to the club back in '86. This program allows you to control many of the TI's function with a joystick, this gave the TI an operating environment very similar to GEO's for the Commodore 64.

It had been quite some time since I had heard anything about this program... With my recent purchase of the AMS card, I got to thinking that this program would be a perfect candidate to make good use of the memory found on the AMS (CShell99 is of course written in Clint Pulley's small c).

With nothing but a blind hope, I called the number I had in my little note book from back then... Surprisingly, the number still worked for Joe... I left him a message. A short while later, he sent me an email. After a couple of emails, explaining that it was my desire to see the source code released so that others could enjoy it and then just maybe someone would modify it for the AMS card, Joe very VERY generously sent me a copy of the manual, a working release of the software plus all the source code! A big tip of the hat to Joe.

The manual and source code has been duplicated and sent to Charlie Good, Vernon Jensen, Bruce Harrison and the SW99ers.

TIP OF THE MONTH:

When working with Clint Puller's Directory Manager program: You can use relative directory paths. In MDOS. means the current directory, .. means the directory one level up.

For example, you are in HDS1.MYDOCS.NEWSLETTER. 1998. Let's say you wanted to go up one level. At the MDOS prompt, you would type CD. Inside DM you can do the same thing, when it says please enter new path, just type... and hit return.

Now let's say you are in HDS1.MYDOS.NEWSLETTER and you want to copy a file from here to HDS1.MYDOCS.NEWSLETTER.1998., when you press C for copy and it ask you your path, you could either enter the whole path or type 1.1998 and hit return.

PFC, ARCHIE, Archiver III, etc. By Jeff White

Today I downloaded two programs which will be very useful to me while I restore my hard disk to reduce wear-and-tear. These are Program File Compressor by Koen Holtman, and ARCHIE by Jim Reiss. I proceeded to use PFC on Disk Utilities by John Birdwell, Archiver III by Barry Boone, and ARCHIE. All went fine until I ran the compressed ARCHIE file, which I had named ARCHIE-PFC. The ARCHIE title screen was glitched at the bottom, with garbage characters following:

* Press any key to proc

I checked the original ARCHIE file, and sure enough it runs fine. This missing characters were "eed *". That is five missing characters, so I had a pretty good idea what had went wrong. So I loaded Disk Utilities and started looking at ARCHIE with the sector editor. What I found was "eed */" in the last six bytes of the file. Thus, PFC was somehow not finding those bytes. Looking at the six-byte loader header in the first sector of ARCHIE I found the value >0C08 (3080) in the second word, which is the actual length of the program, and the PROPER value to store there. At the seventeenth byte (Byte 0 is the first byte, so I am talking about byte >10 or 16.) in the ARCHIE file descriptor record I found the value >0E, which is the number of bytes used in the last sector of the file.

Then I started looking at Archiver III, version 3.03 which I had patched with the correction implemented in version 3.03g. At the seventeenth byte in its FDR was the value >B2, and in the second word of the six-byte loader header was the value >1FB2. Going to the last sector of the file, the ABSOLUTELY correct values should be >62 and >1F5C, since only >62 (98 bytes) are used in that last sector. But that does not really matter.

I checked the Disk Utilities files, and sure enough the values at the second word in the six-byte loader headers were six higher than they needed to be to properly load. I.e., for DSKU1 and DSKU2, the value was >2000, and each of the values in their respective FDR's at the seventeenth byte was >00 (signifying all 256, or >100, bytes were used in the last sector of the files). The values should have been >1FFA and >00, but this time it was fortunate they weren't. For the DSKU3 file, the value in the FDR was >F2, and the value in the six-byte loader header was >1BF2. If you are following closely,

you will realize that the value in the six-byte loader header need only be >1 BEC.

However, for PFC to work properly, the second byte in the second word of the six-byte loader header in the first sector of each program image file must be equal to the seventeenth (byte >10 or 16) byte in the FDR of that file. If that byte is >00, the first byte in the second word of the six-byte loader header must be incremented by 1. E.g., if the DSKU1 file had as its six-byte loader header 0000 1FFA A000, before using PFC on it, you would look at the FDR for DSKU1, find that byte >10 has the value >00, and change the value >1FFA in the loader header to >2000.

Anyway, what started this was the glitch PFC had compressing ARCHIE. The value in its six-byte header that needed changing was >0008. So I changed the value to >000E, and ran PFC on ARCHIE. This time when I ran the compressed version of ARCHIE, the title screen looked right.

Program File Compressor (PFC) has the bug in my opinion. But now you know how to work around it. Had the last few bytes of ARCHIE been program code rather than title screen data, unpredictable results might have occurred while running ARCHIE.

"Now the rest of the story." Program image files such as PFC1 and PFC2 can be packed with Archiver III as described in the ARCHIE docs, and then you can run them with ARCHIE. I created an uncompressed archive of PFC1 and PFC2, called it PFC, and now I have save disk space and a filename in the directory. I used PFC to change DSKU1 to DSKU2 into DSKUT to DSKUV, then packed the latter three files into DSKU, and now I can run DSKU with ARCHIE.

Of course, single files such as ARCHIE and Archiver III need not be packed, but compressing them with PFC works fine. ARCHIE compressed to 89% of its original size, Archiver to 79%, and Disk Utilities to 77%.

Now you may be wondering if you should compress your program files with PFC and follow that by archiving them with docs with Archiver III. I recommend that you check both ways. To support my position, consider the case of ARCHIE. The file I downloaded was 19 sectors archived with ARCHIE and ARCHIE/DOC. I used PFC to make an executable compressed file named ARCHIE-PFC, and when archived with the ARCHIE/DOC file I had a 22-sector continued on next page

file. Then I created a non-executable file with PFC called ARCHIE-P, and archived it with ARCHIE/DOC and got a 20-sector file. Obviously, for file transfers it pays to have the smallest possible file size. But that was only one case. I then used Archiver III to archive itself, and it created a 27 sector file than is not runnable until it is unarc'd -- a catch-22. However, the version of Archiver III compressed with PFC that I named ARC-PFC was 26 sectors. That is a reasonable way to distribute Archiver III.

I do recommend that ARCHIE executables not be archived with doc's, as an archive of the separate program image files, support files (like CHARA1), and doc files will normally be smaller. Nevertheless, it is possible to get a small archive of ARCHIE executables by using Archiver III twice. Case-in-point: a compressed archive of DSKU/REF, DSKU1, DSKU2, and DSKU3 was 94 sectors. I compressed DSKU1 through DSKU3 into DSKUT through DSKUV, then packed them into an ARCHIE runnable file called DSKU. I compressed DSKU/REF with Archiver III. then packed it with DSKU, getting a file of 93 sectors. That is a savings of only 1 sector, but a big savings in time. Unpacking the DSKU file is a much quicker process than decompressing and unpacking the DSKU1 through DSKU3 files. With ARCHIE, DSKU is runnable. BTW, the packed DSKU file of PFC-compressed files is only 74 sectors, while a compressed archive of DSKU1 through DSKU3 is 76 sectors. The DSKU/REF file compressed to 19 sectors with Archiver III (wonder what Clint Pulley's Text compressor would do).

Jeff White, on his never ending search for more space

p.s.: If this message looks familiar, you have probably seen it on GEnic or TI Echo.

Disclaimer

This newsletter is brought to you through the efforts of officers and members of the Hoosier Users Group. Every member is encouraged to submit articles.

If you have an article you would like to share; or a request for an article, mail it to:
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Opinions expressed are those of the author and not necessarily those of the Hoosier Users Group.

HUGGER S&T BBS

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Bud Mills service: 419.385.5946 CaDD Electronics: 603.895.0119 Cecure Electronics: 414,422,1010 Competition Computers 800,471,1600 Kvle: Harrison Software: 301.277.3467 Ram Charged Computers aka. Ron Markus: 216.243.1214 TexComp: 800.846.3474

Tenative HOOSIER USERS GROUP Meeting Schedule

Jan.18, 1998 July 9, 1998
Feb.15, 1998 Aug. 16, 1998
Mar.15, 1998 Sep. 20, 1998
Apr. 19, 1998 Oct. 18, 1998
May 17, 1998 Nov. 15, 1998
June 21, 1998 Dec. 20, 1998

Mark your calendars!!

Hoosier User Group meeting place TO BE ANNOUNCED prior to meeting. Meetings start at 2:00pm.

HUG supports the following computers:

TI 99/4A and Myarc 9640 Geneve

A Quick Review of Fest West '98

Jeff and I left Friday afternoon for Lubbock, TX. With one transfer in Dallas, we soon arrived in Lubbock. A shuttle took us to the hotel where our hotel room was and the second half of the fair was being held.

Saturday morning we got up early, the town of Lubbock gave us (the fair goers) use of their trolley. This trolley ferried us to TI's site in Lubbock (about 10 minutes from the hotel).

Once at the site, we were given name badges at the lobby, then we were taken into the plant. Currently the plant is about 20% utilized - all the consumer products are gone. The plant is now used to put the die on silicon wafers before being sent overseas to final assembly.

After signing a release waver and putting on our badges, we were ushered to the lunch room, which had been setup as a meeting room. On display were many rare items. I brought my 99/2, a speech synthesizer with a cartridge port and a IEEE interface. Jeff brought a TI DS/DD disk controller. Many other equally interesting and unique items were on display.

TI welcomed us to the facility. The first of two speakers was Lee Kitchens. He was the production manager for the life of the 99/4A. It was his job to get the TI produced - on time, in budget and up to TI's quality specifications.

Lee talked for a while on his involvement with the TI, then kindly opened the floor for questions. Lee's talk and the following questions and answers were for me the highlight of the show, and that alone would have made the trip worth while.

After Lee was finished, TI set out a brunch bar, fresh fruit, drinks, bagels and the like - it was really good and there was plenty of it! Next, engineers from the plant took us on a tour.

When the tour was finished the next speaker was Bill Gaskill. For those who do not know him, Bill has

written many great programs, articles and manuals for the TI. These include Checkbook manager and the excellent series of articles called TimeLine 99. His Collecting Cartridges manual has all the information you could ever think of, and given many years you couldn't think of, related to TI's cartridge based software! Bill now has his own web page with much of the TimeLine 99 information on it, including some new information! You can find Bill's website at: www.gj.net/~lucky7, email: lucky7@gj.net.

Bill gave an abbreviated talk on TimeLine 99, much too short, since we were running late. After he hastily finished, the trolley came to pick us up and take us back to the hotel. He also passed out a sheet called Fest West '98 - TI-99 Trivia. I thought I was up on TI Trivia, but this sheet really put me in my place! A copy of the sheet has been included in the newsletter so you can test your skill at home!

Back at the hotel, seminar/talks were running all day. The only one I went to was Michael Becker and Gerd's talk on the peripherals created and produced by System 99 Users Group. The cards they have produced are made to the very highest standards of excellence and quality.

Other demo's included PC99 updates (now featuring OPA's SOB menuing system), Myarc 512K card and AMS emulation, just to name a few of the upgrades added!

The AMS card was demo'ed by BJ and Jack Mathes of the SW99ers. I talked a little about my experience with the AMS card.

I spent most of the day talking with friends, including Terry Masters (formerly president of the LA99ers), who I hadn't seen in about four years. I would like to list the name of everyone I got to talk to, but I fear leaving someone out or mangling the spelling of their name, let it suffice to say, the role call of all the folks there, reads like a who's who of significant contributors to the TI community.

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While none of the major vendors made it to the fair, there were still many interesting items for sale. I purchased "Computes First Book of TI Games" and a Track Ball from Dave Connery. From the SW99ers, I purchased program overlay strips, these consist of four laminated program strips combined into one piece.

Mattie Bush of the Dallas Users Group gave me two new keyboards... very much needed, since I picked up a couple of consoles at Goodwill with bad keyboards.

Again, from the SW99ers I picked up five disk to demo. Magic File Manipulator by Ben Hatheway, Cerberus, Zodiac Wheel of Fortune, Woostock's Christmas by Ray Kazmer and Tristan and Isolde by Ken Gilliland.

While rummaging with Mike Wright, I over looked a scruffy looking vanilla folder, I quick passed it by, Mike took another look, pulled out a manual and said, "Have you seen this program before?". After taking a peek in the folder, I noticed it contained two disk, and two manuals. The software was called WORD - a PSYSTEM word processor, not to be confused with the Editor that comes with the PSYSTEM, the other piece of software is called FreeForm and looks to be a PSYSTEM spreadsheet. Mike told me WORD is very much like a prototype/precursor to TI Writer. Included with these disks and manual was a cartridge that said "Security Module - Must be in place to run software!".

A big thanks to Mike, for not letting me miss these hidden one of kind! But wait, it gets better. After the fair was over and Mike, Jeff, Terry and I went to dinner, I went back to my hotel and pulled out the manuals to take a good look at them. More one of a kinds! Inside was internal TI documentation talking about what engineers inside TI liked and didn't like about the 4A. Apparently many TI's were passed out to internals in what was called a "fan out program".

Several years back, when I was working on a 990 TI Minicomputer, Mike Wright was kind enough to send me a copy of a program he had that would let a 99 emulate a TI 911 video terminal. The 911 were the native terminals for these mini computers.

Unfortunately, Mike didn't have any documentation on the software. As luck would have it - the full documentation for the software and how to hook your 99/4a to a TI mini computer was also inside that little yellow envelope!

I had gotten at some hidden TI knowledge in Lubbock, not that way I thought it might happen - but satisfying, nonetheless!

The trip back home was uneventful. The only exception, being Jeff White and I running through the Dallas airport with seventy pounds of baggage to make our connecting flight! White men may not be able to jump but we sure can sweat!!!

Tom Wills and all the SW99ers are to be commended for pulling off an event that was better than professional quality in its running. This fest was billed as "Once in a life time" - that it certainly was - From the bottom of my heart, thank you Tom.

For those of you that have internet access, Tom is the one who pays for, maintains and runs the free TI list server. If you would like to join the list server, send an email to majordomo@theriver.com. Leave the subject line blank. On the first line of the body type: subscribe ti99. That's it!

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FEST-WEST '98 - TI-99 TRIVIA

Na	me:
1.	This is the month and year that Texas Instruments officially announced the TI-99/4 Home Computer to the world:
2.	This is the month and year that Charles LaFara announced his intention to start the 99/4 Home Computer Users Group:
3.	This is the month and year that Texas Instruments announced to the world that they were leaving the home computer market and ceasing TI-99/4A production:
4.	This is the month and year that Texas Instruments actually ceased production of the TI-99/4A Home Computer:
5.	This is the month and year that MG's Craig Miller delivered on his promise to produce the Gram Kracker:
6.	This Glenview, IL education giant, which recently merged with Addison-Wesley publishing, produced more command module software for the TI-99/4A than any other firm except TI itself:
7.	This California firm was founded by an engineer who worked for Rockwell International in Long Beach, California. It produced both hardware and software for the TI-99/4A and can be considered among the staunchest supporters of the TI Community. Name the firm and the founder:
8.	This Santa Rosa, CA firm founded by Galen A. Read and Charles R. Burley in the mid-1980's would disappear into obscurity when the partners went their separate ways. But cofounder Read would again gain notoriety in the TI Community as an accomplished assembly language programmer, creating applications such as Desktop Publisher for BaTaBioTics, and the Writerease Word Processor for CorComp:
9.	This east coast firm, no longer supporting the TI-99/4A, was at one time a provider of major hardware items for the 99/4A owner, including expansion boxes, keyboards, and peripheral cards:
10.	Carrying product number PHP 2700 and priced at \$69.95, this was the last peripheral TI announced for the TI-99. (1Q/1983):
l 1.	Carrying product number PHP 2300 and priced at \$699.95, this was the most expensive peripheral TI ever announced for the TI-99:

12.	At the time of its official announcement, the T1-99/4 was to be released with 21 options, including 16 software titles and 5 peripheral products. Name any 3 of the 5 peripherals:
13.	Carrying product number WD-01 and priced at \$19.40, this was the most popular third-party peripheral ever produced for the TI-99/4A until the arrival of the Horizon Ram Disk in 1986:
14.	In 1982, this 17½" wide x 11" deep and 2½" high solid wood accessory for the TI-99 was offered by Millers Graphics for \$19.95:
15.	In 1982, this popular co-star of the Aaron Spelling produced TV series "I Spy" was picked to be the advertising personality for the TI-99/4A by then TI Marketing Director William J. Turner. Arch rival Commodore Electronics countered with an equally popular TV personality who co-starred in among other shows, TJ Hooker. Please list the names of both people:
16.	This well-known TI Community member and California attorney was once the vice-president of Calvert Engineering, as well as president of a large 99/4A retail and distribution company:
17.	This former TI employee left the corporation in 1983 to form his own TI-99/4A video game cartridge firm, Funware, in Richardson, TX. He was so successful that his company was soon bought out by Creative Software, a leading software manufacturer headquartered in California's Silicon Valley. Name the person:
18.	This author of GEOS for the Commodore 64, the Mac-like graphical user interface released in 1986, and founder of what is now Geoworks, co-founded Imagic in 1981, along with former Atari VP of Marketing William Grubb. Imagic is the company which gave us such popular games as Super Demon Attack, Fathom, MoonSweeper and Microsurgeon:
19.	This former Genie Roundtable sysop, who now makes his living writing science fiction and fantasy novels, was also a talented programmer who gave the TI Community such game hits as Spy's Demise and Gravity Master:
20.	This magazine, edited by Andrew Bromberg out of Armonk, NY, and formerly known as TI Source and Logo News, premiered in the summer of 1983. It is one few commercial sources in existence where E.T. and His Adventurestitles by Looking Glass Software are described in print:
21.	Which letter of the alphabet begins the name of more cartridge title for the TI-99/4A than any other letter, and what is the word used most often in a title within this list of cartridges:
22.	Carrying product number PHM 3045 and priced at \$149.95, this is the most expensive solid state command module software ever announced for the 99/4A:

A Mini-Biography of Laura Burns and John Koloen.

(From Tom Wills TI list server)

For most of us, Micropendium has been the bedrock of information on the goings on of the TI community. As many, many magazines have come and gone, many vendors have come and gone, users groups have come and gone, Micropendium has continued to publish. Never have I seen Micropendium toot their own hom.

Micropendium is more than just the story of a TI magazine - it is the story of two people. I want to thank Laura for sharing with us the history of the two people who have made Micropendium and done so much for the TI community. DHE

From: John Koloen <jkoloen@earthlink.net>
Subject: TI99: Promised biographical info

Sender: owner-ti99@theriver.com

To: ti99(a)theriver.com

I don't know how interesting this is, but I was born in Houston and went through public school there. I went to The University of Texas at Austin and have a degree in journalism and did graduate work in English and philosophy.

My husband and I lived in San Antonio for a while and then went to Calgary, Canada, where he worked as a psychotherapist in a treatment center for adolescents. We lived there eight years, and then after a nasty divorce and custody fight which made a Canadian legal journal (not the way anyone would want to achieve his or her 15 minutes of fame. I assure you — I hope nothing so painful ever happens to any of you) I came back to Austin, Texas, with my younger son and started to try to get my life back together again. (My older son joined me four years later.)

I was doing odd jobs and freelance writing while looking for permanent employment after being out of the work force for some time; I felt I was doing better all the time, though. The freelance brought in enough more each month that I qualified for fewer food stamps each time, so I thought perhaps I would make it eventually somehow. Then I got a job as a copy editor on the Midland Reporter-Telegram and went out to West Texas.

Before that, I had met John. I had filled in for him while he, the managing editor of the Round Rock Leader, was vacationing. Then I filled in for a reporter there who had to have an operation. After I left, still living in Austin and freelancing, we started dating. After I went to Midland, he asked me to come back and move in with him. So six months after I finally got a job, I was back and jobless again. I started freelancing and putting out applications again, and got a job as information specialist at the Texas Commission on Alcoholism, which I held for five years.

Meantime, John had bought a computer. I had checked out a book on doing newsletters, in hopes of finding some ways to improve my agency newsletter, but it was more how to start them up and manage them. So we started MICROpendium. Computing is and has been always more John's interest than mine. John traded computer consulting at the newspaper for being able to use their typesetting equipment, etc., after hours. It grew so large I eventually had to quit my job and we had to buy our own equipment (now long gone), and we were involved in startups of two other publications. John had to quit his job. We finally got married after 10 years together (no sense rushing into things) and now have a certain respectability, though probably not much to brag about on the morals front.

The other publications were eventually sold; we had deals with partners that didn't exactly go our way. MICROpendium began to decline. We started looking for other jobs. John eventually went to work for the Texas Department of Health. I went through a lot of frustration, but now have several steady customers for freelance copy editing and proofreading (better to freelance as an editor; freelancing as a writer requires too much creativity on those queries to editors, little left over for the actual writing). My boys have degrees from UT in government and physics, respectively, and have applications in for law school and graduate school now. My great interest that has developed in the last few years is doing volunteer work with AIDS patients. My brother died of AIDS almost three years ago. I am co-team leader of an AIDS care team through the Interfaith Care Alliance, and we have had five "care partners" (never more than three at once). One moved away and two have died, the latest one in January. It is pretty intense volunteer work but I feel very drawn to it. Maybe it is a maternal outlet now that my boys are grown. I also study voice.

That's it, more or less. Enjoyed meeting many of you all in Lubbock.

Laura Burns

APPLICATION FOR MEMBERSHIP

Below you will find an application for membership in the Hoosier Users Group. Active membership entitles you to the Newsletter, up and down loading rights on the HUGbbs, attendance and voting rights at regular club meetings, access to the HUGger Library of Programs, special club activities and special guest speakers for one year.

New memberships and renewals are \$20.00/year. Make check or money order payable to Hoosier Users Group. Send completed application to:

Hoosier Users Group % Dan H. Eicher 2720 Palo Verde Court Indianapolis, IN 46227

	(Jut on line		
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