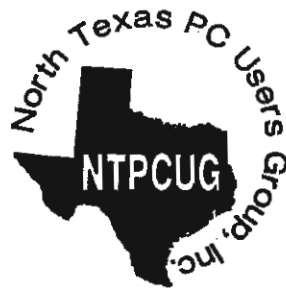
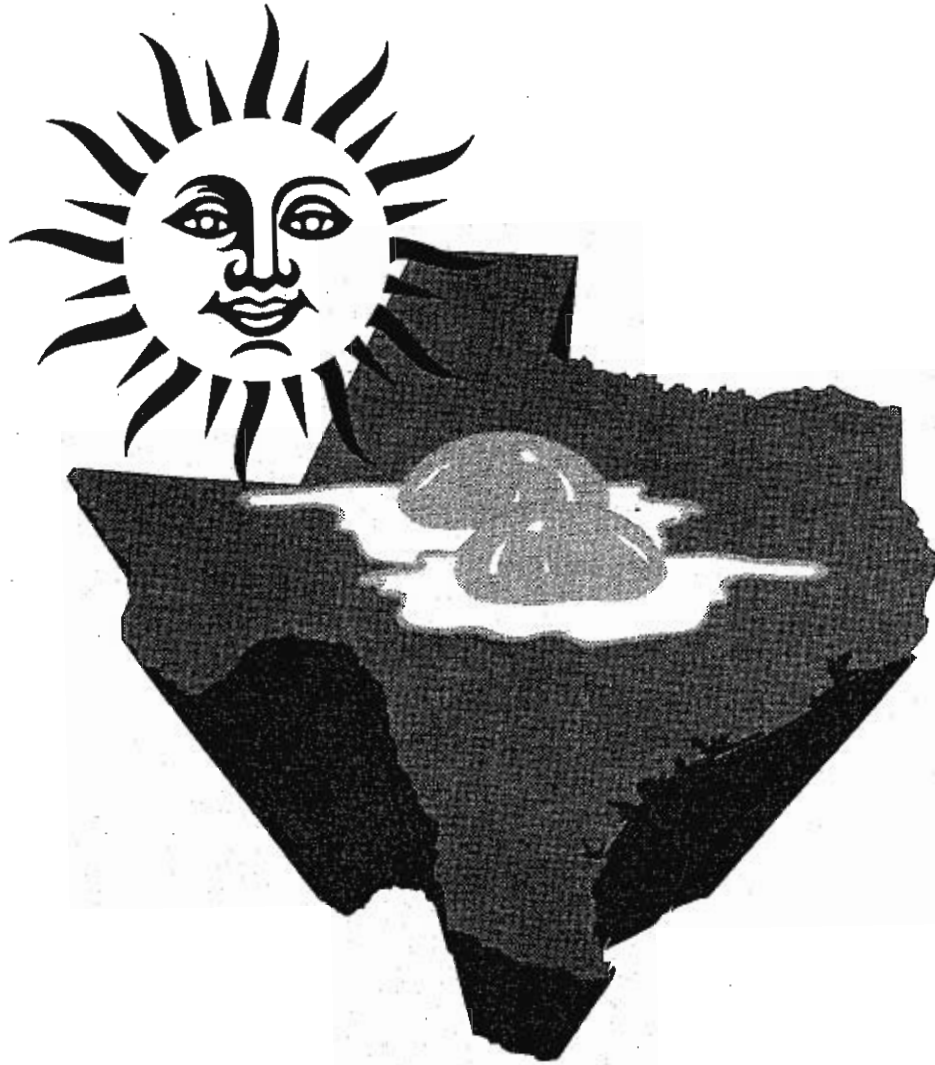


Price \$3.00

**North Texas**



**PC NEWS**



**Yes! The SIGS are meeting again at BigTown. See Pages 5 – 8**

*August, 1999*  
VOLUME 18 • NUMBER 8

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**Deadline:**

All advertising and other material for publication in North Texas PC NEWS must be received by the NEWS staff by the 15th of the month prior to publication unless otherwise listed. See deadline information below.

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Member distribution was 1,400; remaining copies were distributed to PC user groups around the country, and to advertisers, prospective members and others with common interests.

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**DEADLINE**

**Copy deadline for September**  
**North Texas PC NEWS:**  
**August 29, 1999**

**Meeting Dates:**

**August 21 – 3rd Saturday**  
**September 25 – 4th Saturday**  
**October 16 – 3rd Saturday**

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Submit Newsletter articles to: [newsletter@ntpcug.org](mailto:newsletter@ntpcug.org)  
Visit the North Texas PC Users Group web page:  
<http://www.ntpcug.org>

**North Texas PC News**

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**Deadlines:** All advertising copy must be received by the PC News staff no later than the 10th day of the month prior to the month of publication unless other arrangements are made with the Publisher. NT PC News publication date is 10 days before the monthly meeting of the North Texas PC Users Group.

**Policies & Mechanicals:**

- Commercial ads must be in repro form, in final size, ready for printing.
- Halftones must be furnished as final size, screened prints or negatives.
- Halftone screens cannot exceed 100 LPI maximum.
- No ads on front cover. Bleed pages and color must be discussed with Publisher before submission.
- Related ads only; suitability is at discretion of the Publisher and the North Texas PC Users Group Board of Directors.

**Payment:** Payment in advance of publication.  
Make checks payable to: North Texas PC Users Group, Inc.

# PROGRAMS & PRESENTATIONS . . . Timothy Carmichael

## NTPCUG Main Program at User Group Meeting Hall at Big Town Mall

10:00 AM - 11:55

**Apple Corps Main Program  
Presentation of Latest Products**

12:00 PM - 12:55 PM

**NTPCUG Main Program  
ONSTREAM'S NEW ULTRA HIGH CAPACITY  
DIGITAL STORAGE DRIVES**

**OnStream, Inc. (www.onstream.com)**

*Wendi Kreps, OnStream Business Development Manager*

OnStream Inc. was incorporated in 1998 to deliver affordable high capacity removable storage solutions for PC servers, workstations and power desktops. They are a privately held, Colorado-based company spun-off from Philips Electronics of The Netherlands. OnStream's new 30 and 50 gigabyte digital storage solutions feature the company's patented Advanced Digital Recording (ADR) technology. This exciting technology blends high-capacity, high-performance, excellent reliability, and affordable pricing to deliver superior value for today's demanding storage requirements. With digital drives starting at \$299 for 30GB, we are excited to share our vision of a new era in removable storage. There will be a drawing for FREE products. \*

\* Tickets for each drawing will be given out from 10 minutes before until 15 minutes after the start-time of the meeting to attending NTPCUG members who show proof of membership.

**August 21**

# SIGs SPECIAL INTEREST GROUP MEETING SCHEDULE

Time	Room	SIG
8:00	A	Assembler (Meets in October)
	B	MS Networking
	C	-
	D	AppleCorps
	E	Hardware Solutions
	F	Excel/Spreadsheet
	G	-
9:00	A	-
	B	Networking
	C	DOS/Disk Operating Systems
	D	AppleCorps
	E	Quicken
	F	Visual Basic - Beginning
	G	Alpha 5
	H	Dallas Corel
10:00	A	WordPerfect for Windows
	B	Communications
	C	AppleCorps Main Program Presentation of Latest Products
	D	AppleCorps
	E	Introduction to the PC
	F	Visual Basic - Advanced

Time	Room	SIG
10:00	-	Ctd.
	G	Word for Windows
	H	Dallas Corel (continued)
11:00	A	Investors
	B	Internet - Beginning
	C	AppleCorps
		Main Program (continued)
	D	AppleCorps
	E	Java
	F	Access
	G	-
	H	Professional MIDI
12:00	A	-
	A	AppleCorps/ClarisWorks
	B	Internet - Advanced
	C	NTPCUG Main Program (No Business Meeting in August)
	D	-AppleCorps/FileMaker
	E	Introduction to the PC
	F	ActiveX
	G	-
H	Games	

Time	Room	SIG
1:00	A	Lotus Notes & Domino
	B	FrontPage
	C	-
	D	-ACD / Mac Beginners
	E	Introduction to the PC
	F	-
	G	ACT!

*SIG meetings are listed by time and location for the August 21 meeting. Times and locations may change and members are advised to check the NTPCUG Web site for latest listings.*

*Layout of the new SIG Meeting area and locations of the rooms are found on page 8.*

## EXTRA NEWSLETTERS

You may not have received one of our newsletters since last fall and are wondering why you got this one. We wanted to you to know that we have found a place to meet, the SIGs are meeting again, and we are having vendor presentations.

We encourage you to come and visit us at Big Town Mall. It's closer than you think.

### VIDEO PROJECTORS DONATED

We have two LCD projectors that were donated by J & H Marsh & McLennan, Inc. They were used for the first time at the July meeting. **Bill Parker** was instrumental in getting them for us. Thank you Bill.

### SPIKE SMITH HAS BEEN A HERO

**Spike Smith** has donated countless hours getting our new meeting hall at Big Town Mall ready for the SIGs. A week ago he sent me a list of all the things he had done and a list of things yet to be done. The first list was five pages long. When you see Spike at the meeting, thank him for all the work he has done.

Those of you at the July meeting noticed the lack of air conditioning. Spike went there the night before and got it cooling down the hall. At the end of the day, he discovered someone had turned the thermostat from cool to heat. We've got a new thermostat with the settings clearly marked.



### ANDY OLIVER RESIGNS AS A DIRECTOR

**Andy Oliver** has resigned his position as a director of NTPUG. Andy has been working increasingly long hours and has not been able to participate in the monthly meetings and the board meetings.

Andy, all of us on the board appreciate how much you have contributed over the years, both as President of NTPCUG, Board Member and SIG coordinator. We'll miss you!

### ELECTIONS

Because there is no President-Elect this year, elections will have to be held this fall. At the July Board of Directors meeting, I challenged the Directors to come to the August meeting with candidates. If you know of someone who would be willing to serve, contact one of the board members.

### ANOTHER NTPCUG MEMBER BENEFIT

Those of you at the Corel SIG at the July meeting saw the Virtual Training Corps (VTC) CD's. **Martin Hellar** has agreed to make them available to members at a 15% discount. Most of them list for \$99.95. A few are \$49.95. Registered owners of VTC Training CDs can upgrade from one version to the next for 50% of the

*Spike Smith, right, and Jim Hoisington, left, rest in the entrance to the new SIG Meeting space at Big Town and confer on the first full day of SIG meetings at the July, 1999 meeting.*



## VIRTUAL TRAINING CORPS CDs

Adobe PageMaker 6.5  
 Adobe PageMill 3  
 Adobe Premier 5  
 Adobe Photoshop 5  
 Adobe Photoshop 5 Techniques  
 Adobe Photoshop Scanning and PrePress  
 Adobe FrameMaker  
 Adobe Acrobat 3  
 Adobe After Effects 3.1  
 Adobe Illustrator 8  
 QuarkXpress 4  
 QuarkXpress 4 Techniques  
 MetaCreations Painter 5  
 MetaCreations Painter 5 Techniques  
 MetaCreations KPT 3  
 MetaCreations Infini-D 4.5  
 Studio Max 2.5  
 Desktop Design  
 Macromedia Director 7  
 Macromedia Director 7 Lingo  
 Macromedia Dreamweaver 2  
 Macromedia FreeHand 8  
 FileMaker 3/4  
 HTML 4  
 GoLive Cyberstudio 3  
 CorelDRAW 8  
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 MS Excel 97  
 MS Word 97  
 MS Acces 97  
 MS PowerPoint 97  
 MS Outlook 97  
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current retail price. All VTC products come with a 30-day money back guarantee.

For an up-to-date list, visit [www.sedantimestar.com](http://www.sedantimestar.com).

To receive your NTPCUG discounted price, contact Martin Hellar with your NTPCUG membership number and the date your membership expires. Martin can be reached at:

Phone: 903/849-3492, FAX: 903/849-3443 or Email: [martinh7@gower.net](mailto:martinh7@gower.net).

## NEW SIGs

Two new SIGs have been formed: the Games SIG and the Professional MIDI SIG. For more information, check the SIG Reports in this issue.

## CLEANING SERVICE

We are currently looking for a cleaning service to clean our meeting hall following the monthly meeting. If you know of a good, reliable service, have them contact me:

Phone: 972/415-3101 or EMAIL: [president@ntpcug.org](mailto:president@ntpcug.org).

## BORLAND will be PRESENTING in SEPTEMBER

Borland was one of the vendors that said, "Let us know when you are meeting again." As soon as the lease was signed, I let them know by e-mail. Within 3 days, they had added us to their rollout of the latest version of Delphi.

We'll find out how many people the big meeting room can really seat.

*Jim...*



They told me at the store where I bought this PC that it came with "everything." I guess I can connect with the Internet, do word processing and keep my checkbook completely up to date now since all this software was included... But why are the CD's blank — without any kind of labels?

## TIME TO GET BACK IN THE SWING OF THINGS

As the summer doldrums hit and Texas temperatures rise above 100 degrees, it is time to reassess your involvement with your NTPCUG activities and friends.

Sure, you had reasons for staying away—too far, not enough vendor action, no SIG sessions. But these rationalizations no longer hold.

Vendors are thriving and visitors are hugging purchases snugged into white and black plastic bags, and toting parcels to their cars. New vendors and new faces greet members and guests.

The new meeting place is spacious, freshly-painted, and newly groomed. The main area for the NTPCUG meeting is large, and white plastic chairs with arm rests greet you. Wow, comfort and camaraderie. There are several small meeting rooms for presentations and SIG sessions.

Isn't it time you joined your knowledgeable peers and got back in the swing of things? Air conditioned vendor areas and meeting places—exchang-

ing of ideas and opinions—and involvement with some of the

sharpest people in north Texas.

The W E L C O M E sign has always been out.

Come back home on August 21.

*Carla Hoisington*

[Editor's Note: You may have noticed a new name in the *PC News* of late — Carla Foster. She's now Carla Hoisington since she married Jim Hoisington, NTPCUG present and many-time past President on June 26, 1999. Before marrying Jim, Carla was an artist of some note and has her works on display at a gallery at the Intercontinental Hotel just off Beltline Rd. at Dallas North Parkway. Just to jog your memory a bit, the Intercontinental Hotel was formerly the Grand Kempenski Hotel and has been the site of many, many Microsoft rollouts, including the Windows 3.0 release some years ago.]

*Reagan Andrews*

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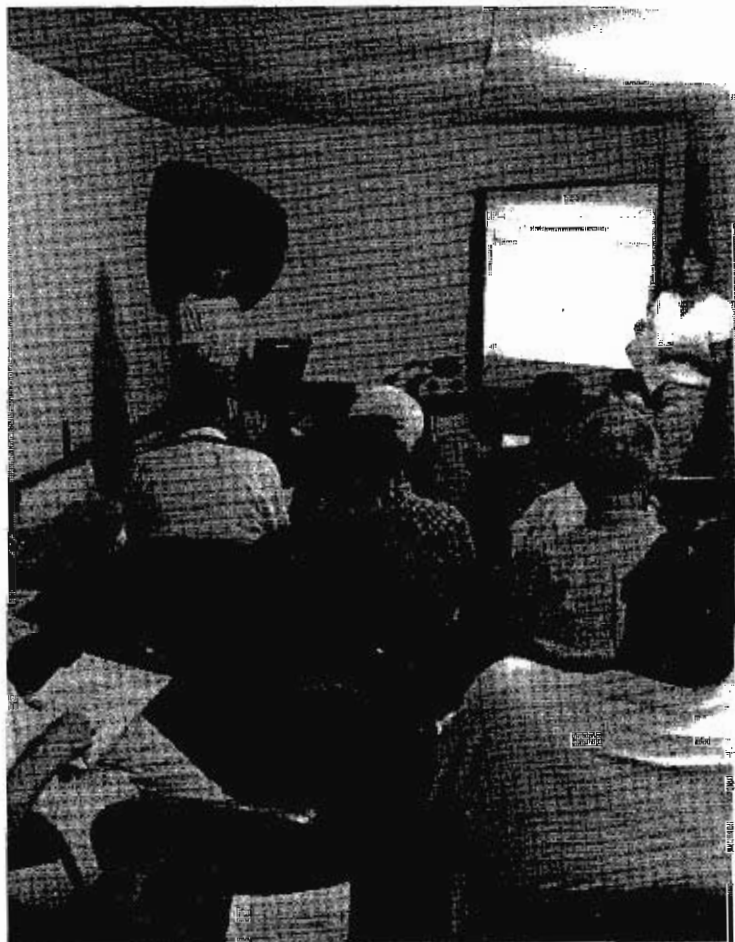
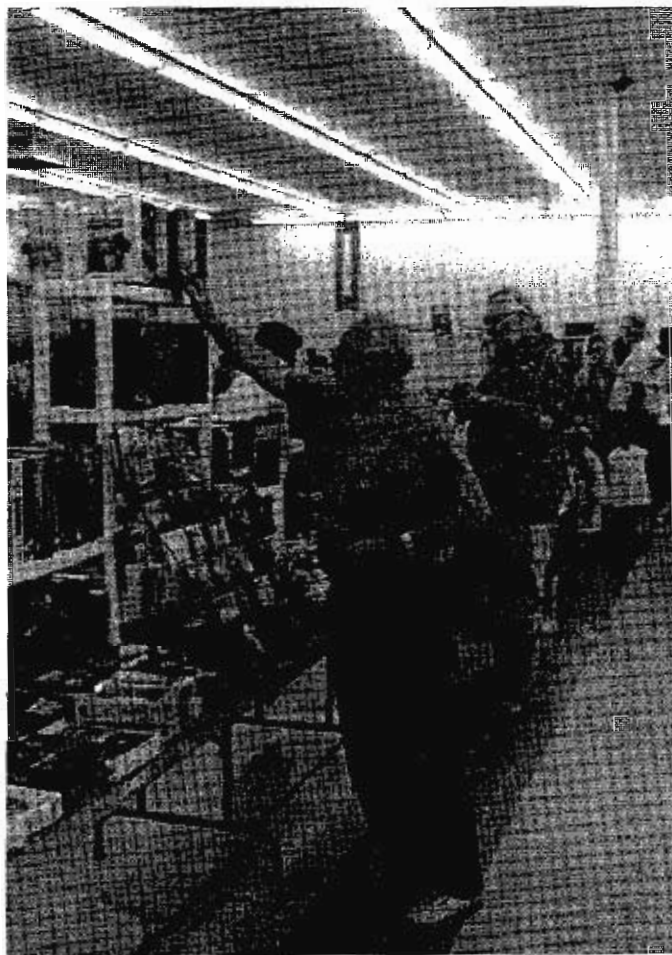
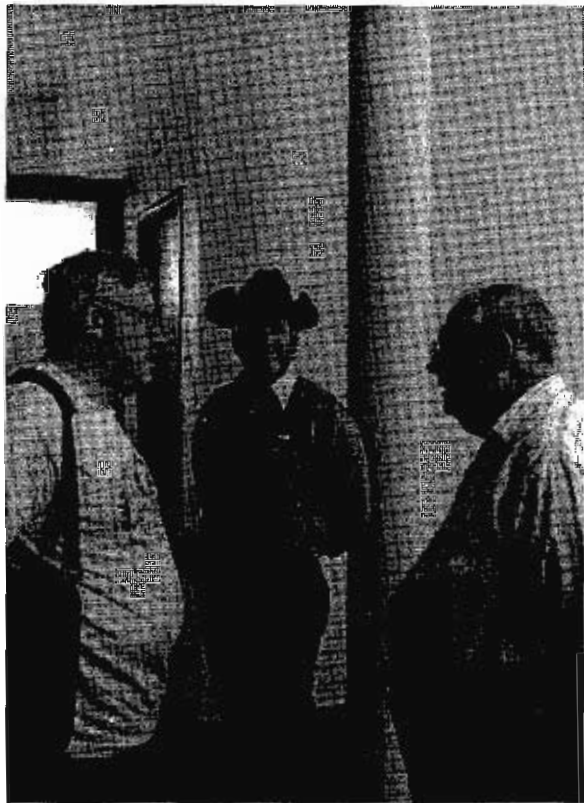
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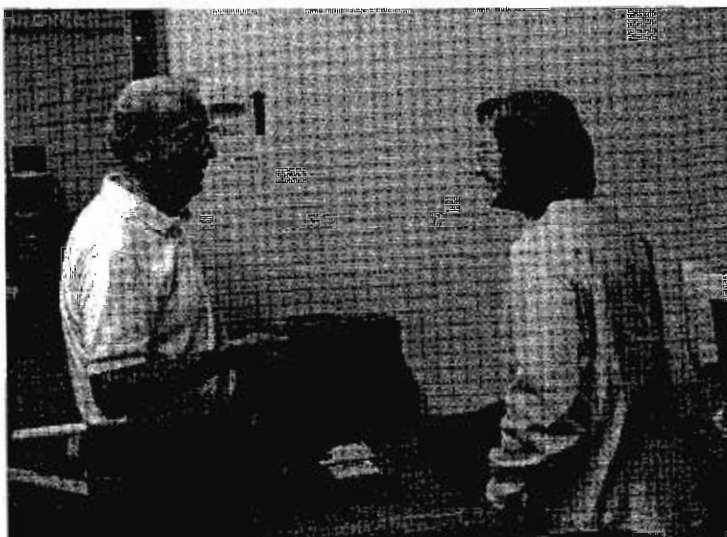
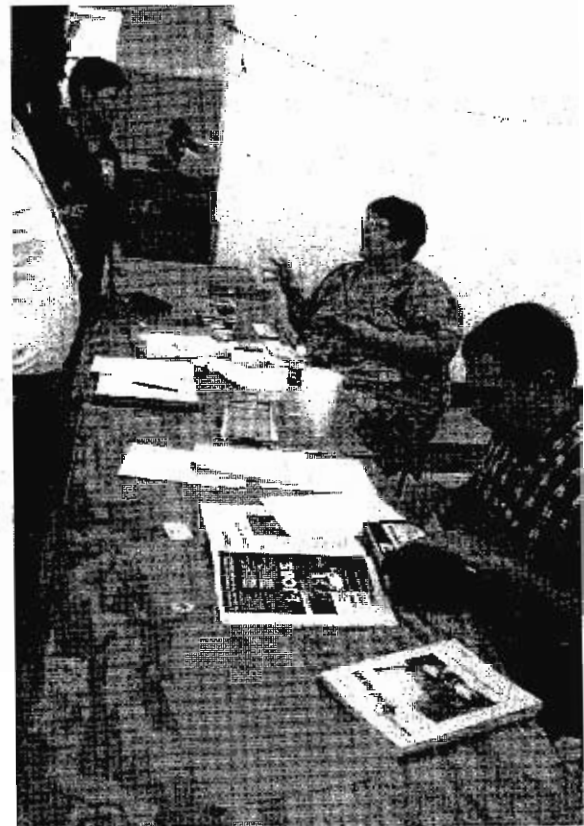
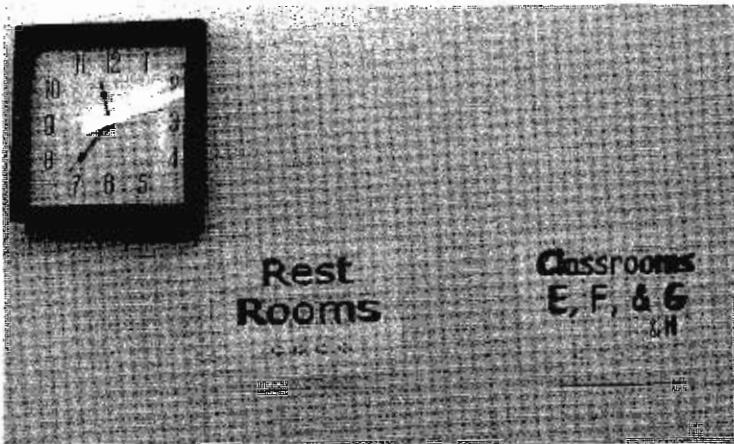
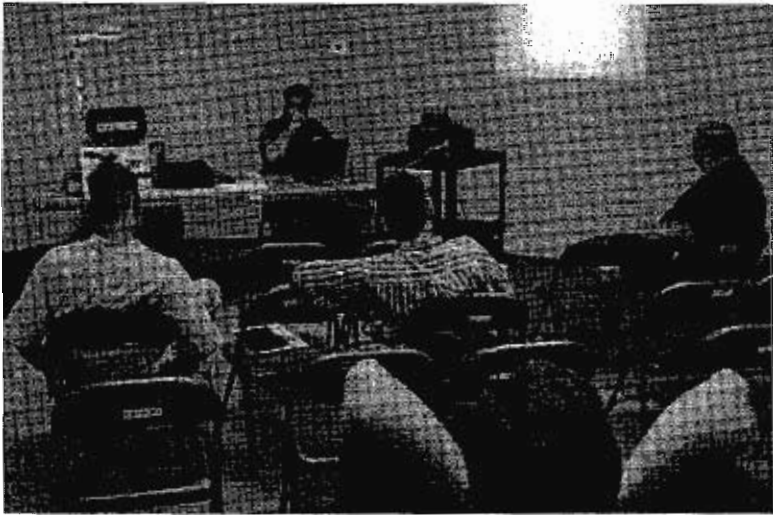
# THE NTPCUG SIG SCENE

PHOTOGRAPHS (ANALOG & DIGITAL) AT THE JULY MEETING  
TAKEN BY RICHARD BLAIR & REAGAN ANDREWS



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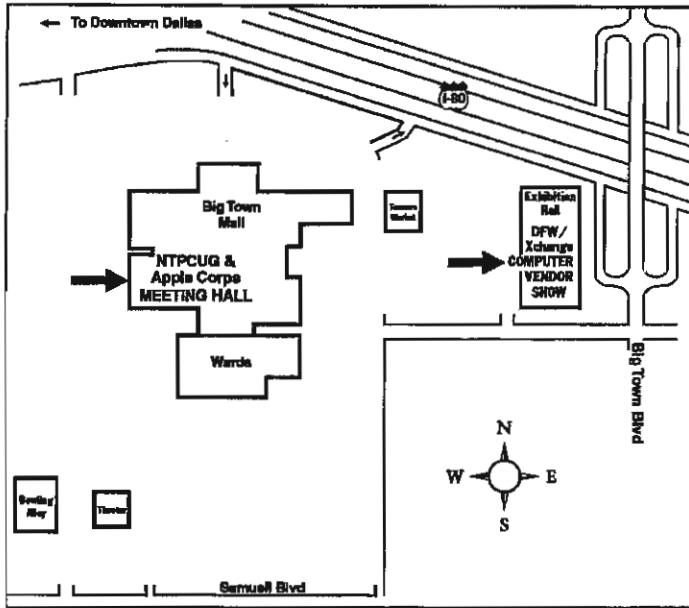




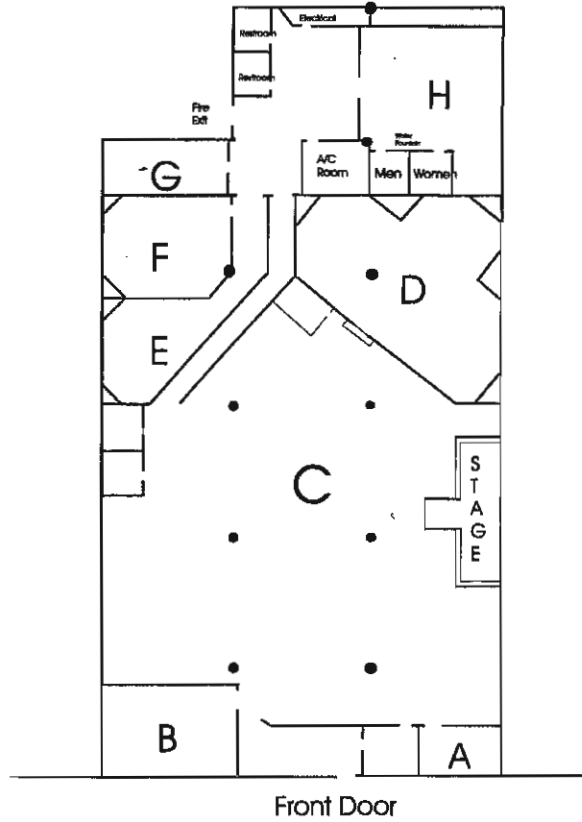


**THE NTPCUG SIG SCENE**  
PHOTOGRAPHS (ANALOG & DIGITAL) AT THE JULY MEETING  
TAKEN BY RICHARD BLAIR & REAGAN ANDREWS

# Site Map



# Big Town Mall User Group Meeting Room



## NTPCUG SIGs ARE back...

June saw the resumption of NTPCUG SIGs at the Big Town site. Members appeared to find themselves at home in the new area and gave the impression of a willingness to make any necessary adjustments to accommodate operation in the space. *The PC News* will continue to run maps of the Big Town Mall and Exhibition Center locations until NTPCUG members have familiarized themselves with the new space..

# PARKING LOT



## Troubleshooting Office 2000 Setup

Office 2000 has been out for a couple of months. And while it is the easiest to install version out yet, we still have some folks with problems getting the product to install, for a number of reasons. This month I thought I would give out a Trouble-shooter write-up similar to the "cube notes" we use here at Microsoft.

1. Get the exact error message.
2. Check the KB for an article (<http://support.microsoft.com/support/search/c.asp>). If no article is found, determine if this is a Windows Installer error or an Office 2000 error by checking the Office 2000 log files. Here's how:
  - a. Open the temp directory folder. This is \windows\temp on Windows 9x or the \temp folder on Windows NT. [Note The log files will be stored in whatever folder the temp variable on the computer points to. To determine the default type "SET" at a DOS prompt.]
  - b. Find and Open the Office 2000 Premium Setup (xxx).txt file, where xxx is a number.
  - c. Scroll to the bottom & search for "Successfully launched MsiExec..." If present, the Windows Installer is not the issue.

### IF Windows Installer issue

On Windows 95 or 98:

1. Click Start, and then Shut Down. Select "Restart in MS-DOS Mode" and then click OK.
2. Change directories to the \windows\system folder. (cd \windows\system).
3. Rename msi.dll, msihnd.dll, and msiexec.exe with an .old extension. (For example, type "ren msi.dll msi.old" without the quotes.)
4. Reboot the computer.
5. Open the MSI folder on the Office 2000 CD-ROM. Double-click instmsi.exe. If there is an error ruing the install of instmsi, this is a Developer Support issue and a call should be made to Microsoft Support. If the install is successful, run setup.exe from the Office 2000 CD-ROM.

### On Windows NT:

1. Start a Command Prompt. (Start, Programs, Command Prompt).
2. Change directories to the \winnt\system32 folder. (cd \winnt\system32).



3. Rename msi.dll, msihnd.dll, and msiexec.exe with an .old extension. (For example, type "ren msi.dll msi.old" without the quotes.)
4. Reboot the computer.
5. Open the MSI folder on the Office 2000 CD-ROM. Double-click instmsiw.exe. If there is an error ruing the install of instmsiw, this is a Developer Support issue and a call should be made to Microsoft Support. If the install is successful, run setup.exe from the Office 2000 CD-ROM.

### IF Office 2000 issue

1. Does the error happen in safe mode or Selective Startup under Win98?
2. Does the error happen after turning off all TSR's and anti-virus software?
3. Does the error occur after cleaning out the user's temp folder?

Log Files: Next check the log file. It may be necessary to generate a verbose log (on the root drive of the users machine) via the following command line switch: Setup.exe /l\*v c:\verbose.log If calling Microsoft Support or working Microsoft from the web include the verbose log file with your issue.

### Additional Troubleshooting Steps:

1. Disable the CD ROM drive cache.
  - a. Right-click My Computer and select Properties.
  - b. Switch to the Performance tab in the System Properties dialog.
  - c. Click the File System button under Advanced settings.
  - d. Switch to the CD ROM tab.

- e. Move the slider for Supplemental cache size from Large to Small.
  - f. Set the Optimize access pattern to No Read Ahead.
  - g. Close all dialogs and reboot when prompted.
2. Copy the Office CD to the hard drive and run setup in Safe Mode.
  3. Perform a Custom setup and select to install Word only. If install is completed, run Maintenance Mode to install the other components.
  4. If an upgrade, remove the previous version of Office before installing Office2000.
  5. If a beta version of Office was on the machine, try running Regclean.
  6. (<ftp://ftp.microsoft.com/Softlib/MSLFILES/>) to clean up the registry. If you have a simple question and need a quick answer. Use our Support online to search the Microsoft Knowledge Base and our other technical resources for fast,

**Answers**  
**Microsoft®**

and accurate answers. This you will find at (<http://www.microsoft.com/support>)

If all of this is a bit daunting or none of the above helps with the problem, get in touch with us over at Microsoft Office and Consumer Support. You can Contact us at (425)635-7056.

In any case I hope that your installations are faultless and uneventful.

If you have a question about Microsoft Office applications you would like to see addressed here, e-mail your question to [questions@microsoft.com](mailto:questions@microsoft.com) ailtto:[questions@microsoft.com](mailto:questions@microsoft.com)

*Dan Gholston*  
 Support Professional  
 Microsoft Office and Consumer Support

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### STATUS OF NTPCUG Newsgroups

Newsgroups are generally identical to the conference areas previously used on our old Bulletin Board System. They are ideal for exchanging questions and answers throughout the month between meetings, and the necessary software is already included as part of your Internet Explorer and Netscape software. Other Newsgroup software, such as Forté Free Agent, is also available from other vendors in both shareware and commercial formats.

Details on setting up and using our Newsgroups were included in the June 1999 newsletter. Enrollment in the Newsgroup section was intended to be handled by an automated process, but that is not yet in place. So until the automated process is working, we will enroll you manually. Just send an e-mail to [postmaster@ntpcug.org](mailto:postmaster@ntpcug.org) and request to

be added to newsgroups. Include your name, NTPCUG member number and expiration date, the password you wish to use, and the Account Name/ID you want to log on by.

If you have an NTPCUG e-mail account, please use the ID and password associated with it, as this will ease the overall administration of your account.

We will create an account for you on the user group's NT server, and reply back to you when done. From there, just follow the instructions in the June newsletter. If you do not have that newsletter, please request a copy of the article from *postmaster@ntpcug.org*.

We will also send updates to the "members" mailing list – see instructions for joining that list in the April issue.

Don't forget – both e-mail and User Group newsgroups are a free benefit of NTPCUG membership !!

*Doug Gorrie*

## **The Perfect Gift!**

Looking for a last-minute gift that's quick, easy and keeps on giving for the entire year? Take a tip from Doug Gorrie and consider giving a one-year membership in the North Texas PC Users Group. This is an especially appropriate gift for a friend or relative who is new to computing and interested in learning how to use and enjoy the PC.

Point out the Genealogy SIGs to people who are collecting information about their families, tell friends how much the Internet SIGs can help in easing their way into really using the Web, and the benefits of friendly, early computer lessons in the Introduction to the PC SIG.

More experienced users would appreciate value of vendor presentations in making important software and hardware decisions during the year.

If you have a friend or relative who constantly "borrows" your copy of the latest *North Texas PC News*, a gift membership might be especially welcome.



Submitted by Jim Hoisington, President of the NTPCUG and taken from *Computer Currents*, July 1999, pp. 36 - 38. pp. 20 - 21.

### **Metroplex Data Recovery Services**

Tri-Logic Systems  
123 North Beltline Rd  
Grand Prairie  
972/263-0707  
[www.tlsi.net](http://www.tlsi.net)

Graphic Solutions  
9794 Forest Ln Ste 400  
Dallas  
214/503-0995  
[www.internetdesk.com/harddrive.htm](http://www.internetdesk.com/harddrive.htm)

Data Technologies  
POB 781184  
Dallas  
214/350-8202  
[www.data-tec.net](http://www.data-tec.net)

### **Other Data Recovery Services**

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[www.adv-data.com](http://www.adv-data.com)

CBL Data Recovery Technologies  
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[www.cbltech.com](http://www.cbltech.com)

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[www.drivelabs.com](http://www.drivelabs.com)

Data Recovery Labs  
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[www.datarec.com](http://www.datarec.com)

DriveSavers  
800/440-1904  
[www.drivesavers.com](http://www.drivesavers.com)

Ontrack  
800/872-2599  
[www.ontrack.com](http://www.ontrack.com)

# INSIDE THE NORTH TEXAS PC USERS GROUP COMMUNITY

## VOLUNTEERS IN ACTION



by Claude McClure

### Summertime, Summertime

The Big Town vendor market was delightfully cool to the extra-large crowd of shoppers last month. Bargains were plentiful, as club members became beneficiaries of the savage price reductions taking place in the computer industry. Even though I am quite happy with a machine assembled from parts bought on NTPCUG meeting days, the incredibly low price on fully functional units is startling. The next addition to that home box will be a 16 MB video graphics adapter card on top of the 4 MB that is running now. Then you can bring on your pixels and polygons. If you are thinking of upgrading or pushing your system to become a "dyn-o-mite" number cruncher, shopping at the vendor showcase market is worth considering.

The SIG area wasn't quite so cool because someone accidentally put the a/c on heat instead of cool, and

a whole lot of people had to rely on a cold Pepsi or Coke to make it into the early afternoon. It didn't seem that bad compared to the summer sizzle outdoors, but the Prez. says the thermodingi will be set right from now on.

The new membership cards were distributed at the Information Booth and those who failed to get theirs will be served by the U. S. Postal service by the time you read this. If you missed yours, then look in the back of the mailbox for it first. Oscar Tyler and David Martin alphabetized the huge quantity of cards from members who renewed the last couple of months, while the rest of the booth crew passed them out to pleased NTPCUG'rs. (Let's see what the editor does about that last sentence) (It is sometimes good to test Grammar-check.) [Ed. note: Didn't want to touch that one.] The numbers on the cards are up in the high 7000's now so we should attend

many meetings before we get to shake hands with member number 10,000. There are extra benefits that come with membership and you can review them on the Web page and this newsletter. That little green card saves a \$3.00 entrance fee at the vendor area every month, and much more.

Volunteers are needed for many short-term duties during the monthly

meeting day, and you can donate an hour by checking with the Information Booth or a SIG leader. Your help is needed and will be appreciated by all of the other members. There are many volunteers who spend many hours every month doing such duties as: publishing this newsletter, leading a SIG, managing the Web page, arranging presentation speakers, contracting vendor spaces, managing fi-

nances, and directing club business. All volunteers are important to the overall peak performance of the monthly meeting of the NTPCUG. Make it a point to let them know how much we appreciate their volunteering. The names of some of those volunteers are listed below.

#### Big Town Liaison

Andy Reese  
Robert Hilliard  
Alex Lilley

#### Vendor Setup/Breakdown

Anchors:  
David Slavik  
Dick Abbott  
James Hope  
Crew:  
Kenneth Berg  
Dennis Brininger  
Lester Foley  
Larry Matzek  
James Webb

#### Auditorium Presentations

Timothy Carmichael  
Christopher Carmichael

#### Newsletter Labels

Charlie Fernandez

#### Information/Registration Booth

Statistician:  
Connie Andrews  
Ralph Beaver (Assistant)  
Scheduler:  
Bob Wuller  
Anchors:  
Roger Bopp  
Vernon Cates  
Cinda Lovil  
David Martin  
Bob McNeil (Double)  
Raymond Reyes  
Ken Sauter  
Fred Toulmin  
Booth Crew:  
Al Aston  
Randy Durham  
Eteta Eta  
Tim Foster  
Joe Hopkins  
Neil Jochelson  
John McNeil (Double)  
Martin Moomaw  
Oscar Tyler  
Thomas Ward  
Don Wolfe

### VOLUNTEER INFORMATION

**1. Via BBS:** (972)387-2751, (972)387-2752 or (972)263-9036 (metro). Sign up on the Volunteer Conference - make the subject matter your area of interest.

**2. Meeting day:** Sign up at the Information Booth or DOM Booth to work those areas in a coming month.

#### 3. By phone:

##### Auditorium Presentations

Timothy Carmichael..... (972) 661-4626 (w)

##### Information Booth and General Information

Claude McClure..... (972) 867-0978 (h)

## A SUMMER WITHOUT HEAT? July Stopped THAT AS Microsoft & AOL Squabbled over "Instant E-mail" And, AMD Announces New 'Athion' CPU Chip to Spur New Intel Price Cuts and Speed Increases

*But, First some Kudos to PowerQuest*

July was such a month! First, summer returned to Dallas with triple-digit heat, and then lots of folks conspired to monopolize the Internet while Microsoft was told about Security Leaks in the Internet Explorer/ Windows 95/98 interface. Just to make things perfect for the month, AMD announced they were delivering their new, K7 Athion CPU chip that is in direct competition with the Intel Pentium III chip. All this while AMD is revealing significant losses for the quarter and is said to be seeking a "partner" (?patsy?) to share the costs of AMD's new German chip FAB. Just to change the pace a bit, I'll start this column with a "Kudo" to PowerQuest.

Really big story may be AOL's squabble with Microsoft over "instant" E-mail access between the vendors. I haven't been following this as closely as I should have, but it appears to be a real war of the programmers. Funny aspect is that the AOL role in the DOJ suit against MS was based on "monopolistic" practices that thwarted real competition from other vendors.

Now, we're hearing about AOL's "blocking" of "instant" E-mail from MSN customers and MS's programmers' attempts to get around the AOL blocks. What makes this really humorous is that Microsoft's co-founder, Paul Allen, was once a major holder/supporter of AOL. Although AOL claims they only want "appropriate" licensing fees in all this, number of journalists see it as "revenge" for earlier Microsoft practices in the Windows /browser war/arena.

### **First, the Kudos to PowerQuest**

As a result of ever-more-gigantic programs that forced me to move (kicking and screaming)

from a 4.5G SCSI drive to a faster, 9.1G SCSI-III drive, I rediscovered DriveCopy. I would have usually started from a bare drive in the past and do a complete re-installation and configuration of the OS (Win95 OSR2.1) and re-install all the applications software. That would have consumed days/weeks of effort since I've updated/patched many of the programs and have a relatively stable system that I'm reluctant to re-configure. I'm also real lazy.

I remembered buying a copy of PowerQuest's DriveCopy 1.0 at one of their NTPCUG demonstrations several years ago. Didn't have a use for it then, but remembered it was

touted as an "easy" solution to moving to a larger disk. Re-read the documentation on moving from one SCSI drive to another, then went to PowerQuest's Web site and obtained the upgrade patch.

All told, it took about an hour to do the move from the DOS command line after installing the new hard disk with a different SCSI ID # and re-booting the PC in DOS. Removed the old drive, reset the new drive SCSI ID # and turned the PC back on.

### **Success & Cautions**

Booted flawlessly from the new disk. Everything worked as it was supposed to work. I'd swap a little hardware

# THE VARIETY STORE

A PERSONAL VIEW OF THE PC INDUSTRY,  
NEW HARDWARE OPERATING SYSTEMS,  
SOFTWARE AND APPLICATIONS  
by REAGAN ANDREWS

# THE VARIETY STORE

sweat and an hour for days or weeks of re-installation any time.

**Cautions** — DriveCopy is an extremely powerful program that absolutely must be used correctly. That means correctly identifying the "Source" and "Target" disks. Otherwise, you will erase all the data/programs from the "Source" disk you inadvertently told the program was the "Target" disk.

PowerQuest suggests making a full backup of the source drive before attempting the transfer. I went them one further and made sure the PC was attached to a UPS so that a power "glitch" couldn't interrupt the transfer.

## **AOL v. Microsoft Struggle Overflows To 'Instant' E-mail**

This one is fun! AOL has been a proponent of 'instant E-mail' for eons it seems — until Microsoft got into the game. Now it's a battle of the programmers with Microsoft finding ways around the blocks AOL's programmers erect against Microsoft's attempts to send 'instant E-mail' messages to AOL members. Even *The Wall Street Journal* saw the irony involved in the struggle and outlined the 'attitude shift' in an article by Jason Fry and Timothy Hanrahan in the July 30, 1999, edition.

According to the *WSJ* article, the struggle gives the impression of AOL's 'revenge' against Microsoft for its earlier practices, i.e., charging AOL a fee for including the AOL icon on the Windows desktop. What makes this fun is the reversal of position AOL has taken in contrast to their earlier views of Microsoft's 'monopoly' in the PC OS wars.

More interesting struggle has been against AT&T, et al, over rights to compete on the high-speed cable Internet access promised. AOL is definitely worried about the future of such high-speed cable capabilities and their role as the dominant ISP provider for more than 18 million customers. AT&T (and other cable providers) stand in a position to make relatively "slow" modem (telephone line) access very obsolete unless ADSL lives up to its promise. Even then, AOL still has to worry as many of the local Baby Bells have cut deals with other Internet portal companies and are relatively uninterested in AOL's services.

It's the same nightmare Bill Gates sees in his dreams about the Internet sans the/his Windows OS

## **DAMN THE TORPEDOES! Full-Speed Ahead — In spite of AMD Losses**

AMD promises untold "power" to PC users with re-

lease of their new *Athion* CPU chip. Using a DEC-inspired 200 MHz bus, the new AMD CPU will be released in speed ranges slightly above the latest Intel *Pentium III* CPU's at somewhat lower prices, AMD promises. A new bus may have some merit, especially if part of the DEC Alpha project, but if we are tied to the same old Intel/IBM 'standard' may be meaningless to the end user.

I wish AMD well in this project since I have two of their K6-2-450 CPU's in my production PC's and would like to think that somebody is giving Intel a real run for their money. Cyrix let me down and AMD is pretty well all that's left in the battle. But, I really wish for a new 'standard' and OS that releases me from the terrors of the Intel/Microsoft PnP hegemony.

Wow! Is that ever 'Purple.' I usually can't get by with such prose, but Connie is asleep now (she's my editor) and I'm free to let the language flow into some really strange areas.

My problem, stated above and in the DOS/Operating Systems SIG notes for this month, is the growing restrictions the 'Wintel' standard is placing on my operations. It's enough to make me consider the Apple alternative (not really) or a switch to LINUX. But both raise their own problems for me. First is all new software. Second is 'learning' the new systems involved.

*Reagan ndrews*



# Selected SIG Reports . . .

## News and meeting notes of Special Interest Groups

(Material for this column should be sent to Connie Andrews, Special Interest Group Editor, at [newsletter@ntpcug.org](mailto:newsletter@ntpcug.org) before the PC News monthly deadline listed on the inside front cover.)

### Access

In August: Dan Ogden, Attorney, *Computerist Extraordinaire*, and Co-Leader of the ActiveX Application Developers SIG, will demonstrate and present "Access 2000" as part of a two-hour joint session with that SIG. Dan will emphasize Access in this first hour. There is a good deal of discussion and some controversy about Access 2000. Knowledgeable people differ on whether the improvements outweigh the difficulties. For example, Access now internally supports the *Unicode* standard so that a single version of the product can be used to develop applications for a U.S. audience and an Asian audience. On the other hand, each character in *Unicode* requires 16 bits rather than the 8 bits that the traditional ASCII or ANSI text needs, and, thus, the space requirement

for the English-language version will be far larger than the similar application would have been in Access 97. The common "Integrated Development Environment (IDE)" is now shared with all the other Office applications – although many (most?) who used both thought that the Access 97 development environment was superior to that used for Microsoft's other Office 97 software. Come, see, and discuss these issues – we may not come to a consensus, but we will all be better prepared to make our own decisions. Then, stay for the next hour, when Dan will continue his presentation emphasizing other Office 2000 products.

**Coming in September:** NTPCUG member **Martin Hellar** is also a reseller of interactive CDs from the **Virtual Training Company**. He

### FROM THE SIG COORDINATOR

The following are changes/additions/needs that the NTPCUG has made to the SIG's.

#### New SIGs:

- **Games SIG** [Contact Chris Carmichael @ (214) 331-6303 h or [chris.carmichael@ntpcug.org](mailto:chris.carmichael@ntpcug.org)]
- **Professional MIDI SIG** [Contact Timothy Carmichael @ (972) 566-4626 w or [timothy.carmichael@ntpcug.org](mailto:timothy.carmichael@ntpcug.org)]

#### Groups Looking for Help in Leading their SIGs:

- **Visual Basic - Advanced needs a new SIG Leader** Contact Jim Carter @ (972) 235-5968] h]
- Help Center** [Contact Reagan Andrews @ 214-828-0699h or [reagan.andrews@ntpcug.org](mailto:reagan.andrews@ntpcug.org)]
- **Excel/Spreadsheets SIG** [Contact Eb Foerster @ (214) 357-7602 h]
- **Dallas Corel** [Contact Marsha Drebelbis (214) 951-0266]
- **Hardware Solutions** [Contact Charles Miller (903) 938-4220 h]

#### The requirements for forming a SIG are:

- Leadership** — at least one individual willing to lead the SIG, and an assistant.
- Membership** — at least eight individuals willing to attend the SIG fairly consistently.

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# SIG

will demonstrate for the SIG the VTC training CD on Access 97. The Access 2000 version, he says, is "in the works" and may be available by meeting time. Martin always offers a substantial discount to NTPCUG members, and he's offering an even deeper discount to attendees at our September meeting. If you want more information in the meanwhile, Martin tells us that Virtual Training Company has a Web site, <http://www.vtco.com>. Martin's small-town newspaper, the *Sedan (Kansas) Times Star*, has a section on the CDs, at their Web site <http://www.sedantimestar.com> (but I'll have to say my ISP couldn't connect to this address; if it's wrong, the blame is mine, not Martin's). You can reach Martin at [martinh7@gower.net](mailto:martinh7@gower.net). VTC will be providing a CD for our usual drawing for "Valuable Prizes". For a change the prize will be more than demo code and freeware that Larry has accumulated on a diskette.

**Coming Soon:** SIG Leader Larry Linson will discuss three approaches to handling images and photos in Access databases and considerations in deciding which to use in a particular set of circumstances. (1) Storing images as OLE Objects and using bound OLE Controls to display can be easy to implement but significantly increases storage needed and requires that each computer have an OLE automation-enabled application installed to display the image. (2) Displaying images stored separately in disk files is simple and eliminates the need for the automation server, but raises issues of redundant storage in multi-user environments and exposes the image files to "outside influences" (acci-

dental deletion, for example). (3) Storing the images in the database, but as "Binary Large Objects (BLOBs)" rather than as OLE objects can reduce storage needs and eliminate the requirement for each user to have an automation server installed, but increases processing time.

**The July 17 Meeting:** Assistant Access and VB SIG Leader Tom Browning demonstrated an application in Access which leveraged the capabilities of other Microsoft Office software and his Client's existing spreadsheets and templates using OLE automation. It was, said Tom, "A very RAD development." Translated, that means there was a lot of work to be done and very little time to do it. Much of the functionality could, with time and effort, have been implemented directly in Access, but it was available and Tom saved the client valuable time and expense by employing it in the application. Problems with the air conditioning were somewhat alleviated by fans, but we're hoping all will be back to normal in August - we were quite comfortable in June. We skipped our drawing for valuable prizes in July. Larry's last-minute change of plans allowed him to attend, but didn't give him time to prepare the valuable prizes. We plan on resuming our drawings in August.

**Update on status of Plan B:** Dan Ogden is our "point person" in discussing with a potential host company the possibility of holding an "extra meeting" one month as a "trial run". We are hoping for a fall date for the "Extra Bonus Meeting Month". ("Plan B" means our preparations to assure we can continue our meetings without a repeat of this year's interruption just in case the current vendor show

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and meeting place are not continued.)

**Misc. & Etc.:** Look for the Members Area on our Web site, <http://www.ntpcug.org>. Join the Members e-mail list (instructions are in the February and April issues of the *North Texas PC News*). Volunteer to speak to the SIG. Volunteer to help with administrative duties. Volunteer to contact SIG members and remind them of meetings. We earnestly solicit your participation – with enough help, the workload will be light for all of us. Come join us in August and we'll try to both inform and entertain you.

Larry Linson

## ActiveX Application Developers

**In August:** Microsoft Office 2000 comes in several editions: Standard, Small Business, Professional, Premium, and Developer. Names to the contrary, applications can be developed with any of these editions, using the software products that are included – each edition in this list simply includes more Microsoft software products than the one that precedes it. SIG Leader **Dan Ogden** will demonstrate and review Microsoft Office 2000 (Premium Edition). Be sure to come and decide for yourself whether it is a *must have* upgrade, a *nice to have* upgrade, or a *thanks I'll pass* upgrade. It is an upgrade that appears to be generating strong opinions, and not just a few arguments. Expect some lively, but civilized, discussion.

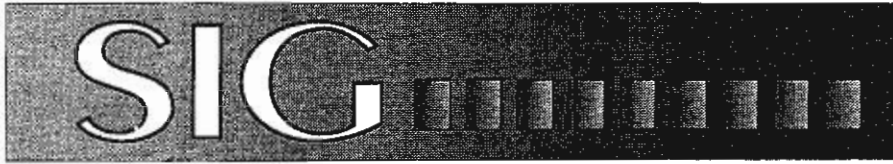
**In July:** Thanks to **Tom Browning** for the continuation of his presentation (begun in the Access SIG meeting) on an application using Access and Excel. Like the application

Dan showed us in June, it was truly a Rapid Application Development (RAD) application, providing a great deal of function in a very short development cycle by employing work already available in Excel spreadsheets through COM automation.

The ActiveX Application Developers SIG addresses issues of developing applications under the Component Object Model (COM) using ActiveX Controls and other ActiveX components. Just because so many of our attendees work in Microsoft Office and other software using it, we have considerable emphasis on Office and VBA issues. We still ask and answer a few questions about *Open Database Connection (ODBC)* technology, too. As hot as the Internet is, our topics aren't necessarily about *Internetting*, since ActiveX controls work equally well on the desktop and in client/server environments. That's one of the attractive features: one type of control, usable in many environments. Many of the topics we cover are of interest to developers using other tools, working in other environments - for example, some such subjects we covered were on "Pros and Cons of Different Types of Contract," "Documenting System Specifications," and "Structured Analysis and System Specification."

## NOTICE TO SIG LEADERS

We would like to be sure the information we list for you in the SIG Leader listing is current. Please take a minute to review your listing/s and let us know if there are any corrections or additions that need to be made. Please send changes to:  
[newsletter@ntpcug.org](mailto:newsletter@ntpcug.org).



Come join us in August, if you're interested in computer application development, whether it's with ActiveX or COM Components or not. We'll do the best we can to make it an interesting and productive hour.

*Larry Linson*

### Assembler

The Assembler SIG met in June, after a long hiatus, at 8 in the morning. Contrary to popular belief, real programmers are up at that hour. We had a respectable number of attendees to the presentation which discussed Multiprecision Arithmetic in Assembler.

On the other hand, the July 1999 presentation on Fast Software Encryption failed to attract any attendees (there was a notable lack of attendees at any of the SIGs at 8 AM).

Because of out of town travel requirements, I will not be at the August or September SIG meetings (given our recent attendance history this may not be a major problem), and we will resume the SIG meetings in October with the presentation on Fast Software Encryption originally scheduled for July.

Please note - the handouts for most prior presentations, as well as additional material, such as complete source code, executables, etc, is available by e-mail. Simply message me at [fcava1@swbell.net](mailto:fcava1@swbell.net) (that is the number 1 in the e-mail address), letting me know which prior presentation(s) you are interested in.

Join us in October. As usual, suggestions for presentation topics are welcome.

*Frank Cavallito*

### COMMUNICATIONS

#### July Meeting a Success!

The Communications SIG group met in July for a discussion on the new access technology, Digital Subscriber Loop, or DSL as it is commonly called. DSL provides high bandwidths for the user plus a voice channel when using the standard telephone line. It promises to be "the big fat pipe to your home for all data/voice/video/image services". Our very own **Birl Smith**, co-director of our SIG, described the new DSL service from SWB and said it was "plenty fast". The service ordered was 1.5M - 384k downstream by 128k upstream and requires a 1-year commitment. Another \$10.00 is required for Internet access making the monthly cost at \$49.95 per month. Perhaps a little "pricy" compared to TCI cable at \$39.95. The DSL service is distance sensitive and can be ordered if you are within the 17, 500' distance limitation. In summary it was an excellent meeting for sharing information on this new technology. We had lots of questions and comments about the service. Complimenting Birl's discussion were the handouts from **Alan Brosz** that showed how DSL is deployed as well as some of the characteristics of the service. Thanks Birl and Alan for a great job!

Our August meeting will feature a Q/A session. This is a perfect time to answer your burning questions about communications and services. We have an excellent A/C in our room so come out and join us for our August 21<sup>st</sup> meeting. Hope y' all come!

*Alan Brosz and Birl Smith*

### Dallas Corel

August 1999

Photo Output at Service Bureaus

Trace Calverly from **BWC Imaging Labs** will present "Successful Photographic Output at a Service Bureau" at our August 21 Dallas Corel meeting. Since the photographic world is going digital, we look forward to seeing results of and hearing about the latest technology output available to us. Well known in photographic and graphic design circles for decades, **BWC Photo Lab** has been a Dallas institution on Maple Street. Now they've expanded to include their "BWC North" location in Richardson. Since BWC is "Corel-file friendly", we're anxious to learn production tips and get creative ideas for greatest digital imaging output success. BWC serves a broad range of markets, including museums, corporate trade shows, POP, presentation posters, photo restorers and consumers. Need to make super high-resolution archival prints, photo CDs, back-lit displays or up to 4- by 8-foot posters? **BWC Imaging Labs** may be the service bureau for you. Don't miss Dallas Corel's meeting in August. Remember to bring your NTPCUG member card and you will be eligible for great door prizes.

July in Review

**Martin Hellar** convinced us that a very effective way to learn CorelDRAW and other popular applications is from CD-ROM. For



Dallas Corel Is A SIG Of North Texas PC Users Group

our July 17 Dallas Corel SIG, he demonstrated how easy and exciting it is by playing his favorite topic segments from **Virtual Training Company's CorelDRAW 8 Training CD**. Whether we need basic instruction or need to learn advanced procedures, we were captivated. We watched the instructions and some took notes as Martin played favorite selections from the 8-hour CD of QuickTime movies featuring clear voice-over narration. Many were so impressed they decided to take advantage of the "Show Discount" and ordered their own training CDs on the spot. Other company software training available on "Virtual Training Company" CD (in addition to Corel applications) is for Adobe, Quark, MetaCreations, Macromedia, HTML, FileMaker, Microsoft, Symantec, and more. Training for each application comes on its own 8-hour CD and list price is \$99.95. Martin made ordering easy since he's a reseller of the product, as well as a CorelDRAW user and a Dallas Corel member. One attending member was the lucky door prize winner of the Training CD on CorelDRAW 8. *All NTPCUG members will receive in the future a 15% discount on all*

#### IMPORTANT COREL ADDRESSES & PHONE NUMBERS

**Corel Corporation**  
1600 Carling Avenue,  
Ottawa, Ontario, Canada  
K1Z 8R7

- ❖ Technical Support Representatives..... 888-267-3548
- ❖ G1 Release, CD-Rom only (latest "fixes" and patches for Corel products) ..... 800-772-6735
- ❖ Customer Service Representatives ..... 800-772-6735
- ❖ IVAN (Interactive Voice Answering Network) ..... 613-728-1990
- ❖ 24 Hour Automated Fax System ..... 613-728-0826 Ext.3080
- ❖ Technical Support hours are 4AM to 8PM (EST) excluding holidays
- ❖ To obtain our catalogue please request document #2000



*the Virtual Training CD's ordered from Martin.* For more information about these marvelous training tools, contact Martin Hellar at [martinh7@gower.net](mailto:martinh7@gower.net), Phone 903-849-3492 or Fax 903-849-3443. [Ed. note: See Prez Sez sidebar for additional information.]

#### July

Dallas Corel's July assignment in the larger "Room H" and a return to our traditional 2-hour format, 9:00 a.m. to 11:00 a.m., were welcome improvements. August will repeat this location and time slot.

#### September

**Wes and Judy Loper**, longtime CorelDRAW and PHOTO-PAINT users, from **Art Design & Sign**, will present "Corel and Entrepreneurial Tools" at our September 25 meeting. We are pleased to have these talented artists in a return engagement at our SIG. For their sign company, their fine art work and their Web page, they use Corel in many ways to produce business forms. Learn how they creatively solve and simplify business problems by multiple use of their artwork for various publication media. Join us in September for an intriguing session.

#### DRAW 9 and WordPerfect 2000

Both DRAW 9 and WordPerfect Office 2000 just arrived this week for us to install on our Dallas Corel SIG computer. **Marsha** will be busy installing so our equipment is ready for upcoming meetings, and is relishing the opportunity to sneak a peek at the new features. First we had to spray some wispy clouds and a sweep of stardust into a sky with new presets for the image sprayer in PHOTO-PAINT. Boy was that fun. Next to throwing

lots of flames onto objects, that is, which we already did in version 8. Who says tutorials must be dull? More next month.

#### Courses

Sign up for CorelWORLD '99 in Orlando, FL (October 3-8, 1999) by phoning toll free 888-DRAW NOW or visiting [www.altman.com](http://www.altman.com) for late breaking news. The ever-popular **Rick Altman** and his team of experts have been hosting educational symposiums for users of Corel's graphics and publishing applications since 1989. From our own Dallas area, **Jim Hart** will again provide Tech Help and conduct one of the sessions!

#### Recent Programs at Dallas Corel SIG

- ❖ Jul/98 - Digital Cameras
- ❖ Aug/98 - Presentations 8
- ❖ Sept/98 - Ventura 8
- ❖ Oct/98 - Fine Tuning Your Web Page
- ❖ Nov/98 - Trademark Law for the New Millennium
- ❖ Dec/98 - PAINT 8 Effects
- ❖ Feb/99 - Paper for Successful Inkjet Printer Output
- ❖ Mar/99 - DRAW & PAINT Q & A
- ❖ Apr/99 - Scanning For Success
- ❖ Jun/99 - Member Showcase
- ❖ Jul/99 - Virtual Corel Training on CD

*Marsha Drebelbis*

#### DOS/OPERATING SYSTEMS

Are we having fun trying to make sense out of all the new technology? I certainly am, especially when I'm trying to configure it so it will work with existing technol-



ogy on my PC(s) just before a newsletter deadline. I hate being interrupted at such times. This brings up a major complaint to hardware and OS vendors.

### Speaking of interrupts

A major complaint/rant. And, this one just might push me into the Apple Power Mac camp. We are still being forced to live with an Intel/IBM "Kludge" from 1980, i.e., the archaic interrupt-request-line (IRQ)/DMA architecture debacle. Granted, it almost worked OK on an 8-bit system. Note: I said "almost worked." It didn't work well at all if you had a hard drive (IRQ 05), two printers (IRQ 07 and 05) or more than two devices on the COM ports (IRQ 03 and 04.) If you are interested in how these were supposed to operate, I'd suggest finding a copy of Peter Norton's *Inside the IBM PC* (Brady, 1983) and perusing Chapter 2.

This issue was temporarily resolved by introduction of the 16-bit PC-AT in 1984. We're now (most of us, that is) running systems with 32-bit bus width — with 64 and 128-bits just around the corner.

Why, then, are we restricted to 16 IRQ's, at least four of which are preempted by the system? This is especially maddening since each new accessory vendor seems to demand one or more IRQ's and DMA channel. Coupled with this, all the "rules" of IRQ usage appear to be

severely violated by current PnP (Plug and Play) technology found in Win95/98 and system BIOS sets. (If you don't believe this, go into the Windows "settings" panel, select "System" and check out the IRQ/DMA situation.)

Now you'll see multiple devices assigned to individual IRQ's, including IRQ 02 and IRQ 09 (the "cascade" IRQ's which are a hold-over of moving from 8-bit operation to 16-bits.) I remember when it was considered "daring" to use IRQ 02 for a mouse.

Not only do Win 95/98 PnP and the BIOS "violate" the rules, they frequently make one or more devices inoperable in the process. It can take hours/days to get the configuration right by juggling between the BIOS SETUP and the Windows' various system setup menus. This is an area that really does need more work.

### Solution is hard work

My solution has been to begin with a "minimalist" system with only a hard drive, mouse and video card installed. After Win 95/98 is installed, make a note of the settings for each of the above, then add one more accessory and do the "new hardware" routine. Continue, checking the settings and resources used at each step, until the PC is appropriately configured or crashes with the latest addition. Find the conflict(s) in the System menu and resolve. I tend to add hardware by priority — with absolutely necessary components installed first, then followed

by less important accessories.

Come to the DOS/Operating Systems SIG in August and share your own PnP/IRQ/DMA joyous experiences and solutions.

*Reagan Andrews*

### Excel/SPREADSHEET

Thanks to our new assistant SIG leader, Michael Bodner, for taking over the meetings for the last two months. I was down with back trouble in June and had a family reunion to go to in July. I should be back in August.

Last month, Michael brought some examples of projects he had worked on. One example was a drop-down list box for looking up values for cells. He will expand on that subject per a request from the floor at a future meeting, probably in September.

Next month we will return to the subject that I promised you two months ago: Pivot Tables. Do you know what a Pivot Table is? Have you ever used a Pivot Table? If not, you have not availed yourself of the most powerful tool available in Microsoft Excel. If you have data that needs to be summarized then Pivot Tables are for you. It does not matter whether the data is a small list on a spreadsheet or a large data file on Access, FoxPro, dBase, Oracle or SQL Server. A Pivot Table is a cross tabulation and is so named because you can easily rotate its row, column or page headings to give you different views of the data.

We will examine and explore not only how to set up Pivot Tables, but also advanced topics:

- ❖ Manipulating the Table
- ❖ Calculations of counting, summing, averages, % of total
- ❖ Grouping Data
- ❖ Customizing the Table

**DOS Operating Systems SIG**

❖ Tabulating details of specific items

❖ Graphing Summarized Data

The Excel/Spreadsheet SIG covers subjects at levels for both the beginning and advanced user. We will try to have a topic prepared for presentation but will reserve enough time to answer questions from attendees. Our primary application is Microsoft Excel, however most spreadsheets programs have similar functions and capabilities that we probably can be of help if you are using Lotus 123 or Quatro-Pro.

If you have a question and you would like for me to explore the answer before meeting time, send an e-mail to [eb.foerster@ntpcug.org](mailto:eb.foerster@ntpcug.org) and attach an example or part of a



### NEWSLETTER DEADLINE DATES

Listed below are the copy deadline dates for the remaining 1999 issues of the *North Texas PC News*. Please mark your calendars so you will have plenty of time to submit your articles and SIG notes to the address listed below.

#### PCN Issue ..... Copy Deadline

Sept. .... Aug. 29  
Oct. .... Sept. 19  
Nov. .... Oct. 17  
Dec. .... Nov. 21

**NOTE:** There are only 3 weeks between the September and October issues.

If you need to extend any deadline by a few days, contact us at the address listed below.

Reagan & Connie Andrews  
[newsletter@ntpcug.org](mailto:newsletter@ntpcug.org)



spreadsheet file for me to work with.

*Eb Foerster*

### FRONT PAGE

Our vote was in so we started the demonstration of using FrontPage 2000. Our group also voted to keep the name of our SIG as FrontPage even though we tend to cover other web development tools and technologies. While preparing for the introduction to FrontPage 2000 we found an excellent tutorial on the Microsoft site at <http://msdn.microsoft.com/workshop/languages/fp/2000/tutorial2000> that covers all of the FrontPage techniques used to build and manage a Web Site. We started this tutorial and will branch off into other tools and technologies as the tutorial takes us over the various elements of a Web Site.

In our first session, we demonstrated the new look and feel of FrontPage 2000. We noted that the FrontPage Explorer and FrontPage Editor are no longer separate applications but are integrated into one application. Many of our members had reported encountering a problem with the FrontPage 98 applications when they were connected to the Net and then timed out from their connection. We stopped and discussed the tip for dealing with the problem:

#### FrontPage98 TIP:

*When using FrontPage98 while connected to the Internet in a dial-up connection your ISP may disconnect you if you have a long period of inactivity. When this happens you may find that you are unable to save the page you had open in FrontPage Editor. Many of you reported losing work.*

*You do not have to lose your work if you follow this simple tip. When you encounter this situation, leave your editor and your page open, but switch back to FrontPage Explorer and close your web and exit Front Page. (Yes, your editor is still open). Then simply start FrontPage98 back up and open the Web you were working on. You can then switch back to the Editor, save your page, and either close back out or continue to work as if nothing happened.*

Of course, this is no longer a problem in FrontPage2000 with the combination of the two applications.

Our session continued with a demonstration on creating a home page inserting an image, and hyperlinking that image to another Web Site. We covered some of the formatting procedures which involved centering the elements of our page. We then demonstrated how to save our work

Throughout our examples, we showed the HTML views of what we did, and found some nice improvements in FrontPage2000. During our examples, we found very clean HTML code unlike the earlier versions where extra HTML was often inserted. We were able to view the HTML by clicking on the "HTML" tab at the bottom of the application or choosing **View, Reveal Tags**, from the menu bar.

Our demonstration carried us through some of the tools for creating a navigational structure. By clicking on the New Page icon on the side bar we created a graphical





Our demonstration carried us through some of the tools for creating a navigational structure. By clicking on the New Page icon on the side bar we created a graphical image of a new page and FrontPage2000 automatically connected it to our home page. By holding down the Control key and pressing N three times we added three more pages in the same hierarchy. We then pressed the tab key and were brought to our new page and were able to name the page, setting the Title tags in our HTML.

We continued our demonstration of how to insert a file into our Web, Editing pages, Checking Spelling, and creating a bulleted list. We then imported several image files into our Web, inserted them into pages and wrapped our text around the images.

#### **Next Month, the demonstration continues.**

In our next session, we will demonstrate how to use forms in your Web. This is an excellent spot to introduce some of the simple Active Server Pages technologies and to introduce you to a nice Editor created by one of our members, **David Wier**. David will demonstrate a program he has written called ASP Express which is an excellent Editor to use in creating Active Server Pages. We will continue the Microsoft tutorial and demonstrate Microsoft's examples, but will branch off on our own to show how you may call up different pages based on input from forms.

Shortly, our SIG Web Site will be updated to reproduce our demonstrations and provide you with image files and other examples as we progress through the demonstra-

tion. We will change the content and images to translate Microsoft's demonstration into our new FrontPage2000 SIG Web Site.

*Sam & Pamela Lugo*

#### **GAMES**

SIG Leader: Chris Carmichael, [chris.carmichael@ntpcug.org](mailto:chris.carmichael@ntpcug.org), H 214-331-6303

SIG Asst. Leader: Timothy Carmichael, [timothy.carmichael@ntpcug.org](mailto:timothy.carmichael@ntpcug.org), W 972-566-4626

This newly-formed SIG will focus on computer games and how to play them, whether role-playing games (RPG), action games, or educational games. We will review current and upcoming games, discuss strategies for specific games, and share opinions and learning experiences. Bring games to swap with others, and bring PC game magazines to add to the library. If you want to learn more about what games you and your parents would like to buy, come join us. In August we will be gathering suggestions for which vendors to invite to the November main meeting, when we will have our annual PC/Apple Games Show.

*Chris Carmichael*

#### **GENEALOGY - THE MASTER GENEALOGIST**

We meet off-site on a different day than on our User Group meeting day. Check the Web page for the TMG Users Group meeting time, date and location at [www.pioneer-info.com/tmg/](http://www.pioneer-info.com/tmg/).

*Jeri Steele*

#### **Help Center**

The Help Center was closed at the July Meeting when the NTPCUG and Apple Corps held their first full day of SIG meetings. We will be back in operation at the August Meeting with help for users and handouts describing the NTPCUG and Apple Corps SIGs and their schedules along with maps of the SIG area.

#### **We still need volunteers.**

Since most of us — *and you* — will "cruise" the vendor area at some time during the meeting, why not volunteer for 30 minutes during the morning? Most of the questions received from perplexed users are usually simple and straightforward — and those that aren't can be pointed in the direction of NTPCUG experts at one or more of the SIGs at the new SIG meeting area.

#### **Purpose of the Help SIG**

The Help Center is an effort to reach out to users in the Vendor Area who are having problems with their PC's and to let them know about the users groups across the way. It is not a structured SIG with defined programs, but is based on the "Help Desk" model and aimed at answering basic PC-related questions — and then pointing the users to the appropriate NTPCUG or Apple Corps SIG's where further information and assistance will be available to them. We hope it will generate both goodwill and user interest in joining our respective users groups in the process.

We will welcome any NTPCUG or Apple Corps member who would like to volunteer in this effort. Help SIG's hours are 8:30 a.m. until Noon.

*Reagan Andrews*



## INTERNET - BEGINNING

The Beginning Internet SIG now meets in Room "B" at 11:00 AM, in our new facility at Big Town Mall. Most of the bugs seem to have been worked out, so we expect to have very beneficial presentations and Q&A sessions in the future. Again, we are right beside Highway 80, and only a couple miles West of I-635/LBJ. See the map on the back of your newsletter or on the Web site ([www.ntpcug.org](http://www.ntpcug.org)).

Our topic for the August meeting will be **SPAM**, the Junk Mail of the Internet. Whether a "newbie" or a professional web surfer, we are all impacted by it. SPAM takes up space on your hard drive, increases the length of your downloads, and generally wastes your time as you decide whether these items are worth reading (they usually are not). We will talk about what constitutes SPAM, how to reduce the likelihood of being added to SPAM mailing lists, and what you can do to "get even" when it arrives.

At our July meeting, we had a solid hour of Q & A on all kinds of subjects. ADSL (Asymmetrical Digital Subscriber Line), a relatively new offering from Southwestern Bell and GTE, was mentioned and explained. ADSL essentially adds a high-speed data line to your existing telephone line, giving you the ability to talk and "surf" at the same time. As with ISDN, some setup and additional equipment are required, but those present that have it endorsed it highly. Other alternatives include cable, and wireless technologies such as "the Beam".

On a separate note, our new Windows NT server is now supporting NTPCUG newsgroups. As of this writing, we are still pursuing an automated registration function, but are handling requests for accounts manually as they arrive. See the related article elsewhere in this newsletter.



See you in August !!

*Doug Gorrie, and Tom O'Keefe*

## INTERNET - ADVANCED

The Advanced Internet SIG meets at 12:00 noon on meeting days. Everyone is invited to attend. We discuss advanced Internet topics ranging from how the Internet works, to advanced use of the available tools.

At our June meeting we had several suggestions for future topics: MP3 and streaming audio, IP version 6, Next Generation Internet, Search Engines: Advanced Topics (how to get added, how to perform advanced searches), Data Security (SSL, PGP, digital certificates and so forth), and finally a request for

demonstrations of video and audio conferencing technologies.

In July we discussed Data Security on the Internet. Stay tuned and we will cover all of the other issues mentioned above.

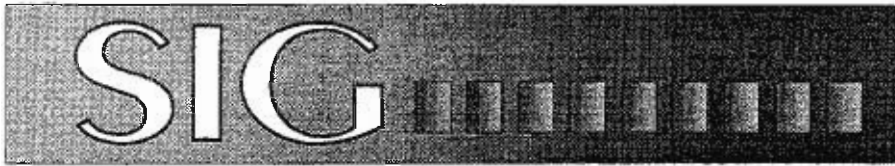
*Pat Hykkonen, Tom O'Keefe  
and Doug Gorrie*

## INTRODUCTION TO THE PC

Another series of classes were completed at our new location. Everything was going just wonderfully - except our cooling system balked. The problem has since been fixed. In spite of the discomforts, we turned up the fans and still had a fine turnout.

### Introduction to the PC Class Schedule

Class #	Date	Time	Subject
7	Aug. 21	10:00 A.M.	Spreadsheets and Databases
8		Noon	Modems/Telecommunications
9		1:00 P.M.	PC Hardware
10	Sept. 25	10:00 A.M.	PC Printers
11		Noon	Networks and Such
12		1:00 P.M.	Neat & Necessary Software
13	Oct. 16	10:00 A.M.	Multimedia Software & Hardware
14		Noon	Virus Protection & Utilities
15		1:00 P.M.	PCs Into The 21st Century
4	Nov. 13	10:00 AM	"Review"
5		Noon	Bring in all your
6		1:00 P.M.	"Intro" questions
1	Dec. 18	10:00 A.M.	Introduction to the PC
2		Noon	A Lot About Files and Directories
3		1:00 P.M.	(DOS) Disk Operating Systems



Our August meeting will add three more classes to our series of fifteen: Spreadsheets and Databases, Modems and Telecommunications, and PC Hardware. Brief descriptions of these are as follows:

#### **Spreadsheets and Databases.**

What is a database, how is it generated, and should we all want one are among the topics covered. Why a spreadsheet program is an easy way to enter and read data and therefore is often used as an input device for the relational database. Also, QBE means Query by Example. [Doesn't that sound easy?]

#### **Modems / Telecommunications.**

Modems are the most common way for telecommuting with a computer. Refinements and alternates include modems and ultra high-speed devices. We will understand them better after we attempt to untangle bits, bytes, bauds, Hertz, cycles, mega, kilo and how to determine speed from capacity hype. Modems can be internal or external to your computer and ALWAYS require some form of line protection.

**PC Hardware.** We will determine what is a basic part of your computer system, what is a peripheral, and maybe the difference between ancillary and auxiliary. Form factors are what are considered to determine standardized vs. non-conforming hardware. We will discuss some legacy components that should be retained and possibly new innovations which may be deferred in making evaluations. Our goal is to help one understand what to look for while selecting and updating systems and perhaps for making that decision to buy an off-the-shelf system or build from scratch.

Have you seen the example of the certificate awarded for those completing this introductory series? Be sure to look it over at the August meeting - you will want one.

Enjoy and bring your friends and co-workers.

*Harold (Spike) Smith*

#### **INVESTORS**

This is a group to exchange ideas on investing strategies, financial planning, and money management. It is not an investment club. There is usually a discussion of some technical analysis term or idea - in June it was an example of a classic "cup and handle" chart pattern. Also in June there was a discussion of some of the newer features of the Investors Business Daily newspaper. July found us talking about Midyear Tax Tune-Up Ideas.

We welcome anyone interested in learning and sharing ideas.

*Dick Richtman and Kathryn (Kathy) Kirby*

#### **JAVA**

The July SIG meeting finished up the presentation of Java Server Pages (JSP) where I showed the differences and similarities between Active Server Pages (ASP) and JSP. I had some problems with my laptop but it is straightened out now and at our next meeting I will demonstrate an actual running database accessing servlet created from a JSP page.



For our main presentation, Bruce Campbell has offered to give a presentation on getting Java certified. He is calling his talk "Java Certification and An Example of an Exam Topic and Questions: Object-Reference Assignment Conversion and Casting." If you are interested in what it takes to get Java certified this will be a good meeting to attend. Being Java certified simply means that you have taken a test administered by Javasoft which indicates a certain level of competence. There are several levels of testing for higher specialization. Bruce will present some of the example questions that can appear on a test and give you an idea of what it will take to pass the first level exam.

As always, we still need topics for future meetings. If you have ideas or can provide a talk on a Java-related topic, please get in touch with me.

*Don Benish*

#### **MICROGRAFX**

There will be no August meeting. We have been meeting off-site but there is a possibility that could change. Look in the September newsletter for any new information about our SIG.

*Neal Berkowitz  
nberk@misresource.com*

#### **MS NETWORKING**

Next Meeting: August 21, 1999,  
@ 8 AM

The August presentation will cover Microsoft Proxy Server. If you are setting up a small office / home office (SOHO) with Internet access, bring you questions to this session.

Here are the suggestions for the next few meetings. We are still looking for volunteers to assist with future presentations.

**Upcoming Schedule:**

September- NT Resource Kit

October- NT Security

November- NT Monitoring

December- Y2K Check List

January- Open for suggestions  
(email [gil.brand@ntpcug.org](mailto:gil.brand@ntpcug.org))

**Previous meetings:**

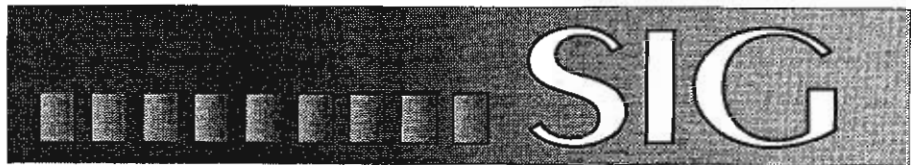
**July 1999:** No formal presentation this month; only Q&A. We also discuss the need for volunteers to assist with developing future presentations and some NT technical tasks that need to be addressed on the User Group NT server. If you have some experience maintaining an NT server and would like to help, send e-mail to [gil.brand@ntpcug.org](mailto:gil.brand@ntpcug.org).

**May 1999:** Several die-hards stopped by even though there was no official SIG meeting in May. Suggested topics for future meetings were: Windows 2000; high-speed Internet connections: DSL, cable, satellite; NT security; NT Resource Kit tools; SMS; MTS; NT performance monitoring.

**Purpose of the SIG:**

To technically showcase Microsoft Networking products, including Windows NT Server, Windows NT Workstation, Systems Management Server, Exchange, SNA Server, Internet Information Server, and Windows 95.

The SIG highlights the capabilities and features of these products for all users, from individual end users to corporate users, small and medium size businesses, and beginning to experienced administrators. We present the various options within Microsoft's networking products line and help members understand how they are positioned to solve their computing, connectivity and business needs. We help members understand how these products interoperate with



other third party and legacy products.

The strength of an effective users group is the opportunity to share common experiences and learn from others. We try to end each meeting with an open question and answer session.

By staying informed of the activities of other NTPCUG Special Interest Group's (SIGs) and area Users Groups with common interests, we answer members' questions and help them identify other resources available in the Dallas/Fort Worth area.

*Gil Brand*

**PROFESSIONAL MIDI**

SIG Leader: Timothy Carmichael,  
[timothy.carmichael@ntpcug.org](mailto:timothy.carmichael@ntpcug.org), W  
972-566-4626

SIG Asst. Leader: Chris Carmichael, [chris.carmichael@ntpcug.org](mailto:chris.carmichael@ntpcug.org), H

214-331-6303

MIDI (Musical Instrument Digital Interface) has been around since before the IBM PC software started supporting it, and is used by many musicians to control and synchronize multi-instrument performances. The home PC can use MIDI, connected to electronic keyboards and other instruments, to teach students how to play keyboards as well as compose and produce music. We will discuss MIDI features, interfaces, controllers, instruments and software from amateur to professional levels. Come share your experiences and learn more about MIDI.

*Timothy Carmichael*

**QUICKEN**

When it comes to organizing and planning your personal finances, Intuit's Quicken continues to be the leader in the field. Our SIG offers both the experienced hand as well as the beginner a chance to ask questions or present a potential solution.

At our August meeting, based on popular demand, we intend to go back to the basics with a hands-on demonstration starting with the beginning steps "Setting Up Accounts."



Please join us at 9 am in room E at the new location.

*Phil Faulkner*

**Visual Basic - BEGINNING**

The Beginning Visual Basic SIG was formed within the North Texas PC User Group in May of 1993 to serve the needs of those members that were just beginning in Visual Basic. We often have members attend our SIG meetings that have not purchased Visual Basic yet. They want to find out what it is about before they take the plunge. Our purpose is to provide a forum where Beginning Visual Basic programmers can ask questions without feeling intimidated. Our goal is to help them learn enough to participate in the Advanced Visual Basic SIG. A number of advanced Visual Basic programmers attend the Beginning Visual Basic SIG for the specific



purpose of helping the beginners with their programming problems.

The August meeting scheduled for August 21, 1999 will be our semi-annual meeting entitled "For Beginners Only" and will emphasize the resources available to a beginning programmer in Visual Basic. This presentation is updated and given each August and February to help beginning programmers get started in Visual Basic.

We will be discussing the new Visual Basic 6.0 and how it works for the Visual Basic beginner. The major topics of the presentation will include a brief history of Visual Basic, descriptions of resources available for beginners in Visual Basic, an introduction to the Windows environment, discussion of Visual Basic 6.0, and demonstration of the integrated development environment (IDE) that is a part of Visual Basic 6.0. Sample programs will be run on our own computer demonstration system. If you have wondered what the excitement of Visual Basic is all about, make sure you attend this month's meeting.

Everyone is welcome to attend, of course. If you have a friend, relative, neighbor, etc. who would like to see what Visual Basic is about, this meeting would be an ideal one for them to attend. This would be a great opportunity for you to introduce the NTPCUG to a potential new member.

Last month, July, we discussed some of the tools available for the internationalization of a Visual Basic program. We viewed the ATM sample application included with Visual Basic 6.0 and saw how the strings, graphics and sound files are customized in a Resource file to permit the application to be run in five different languages. We

will take another look at the internationalization of Visual Basic 6.0 applications at the September 25, 1999 meeting.

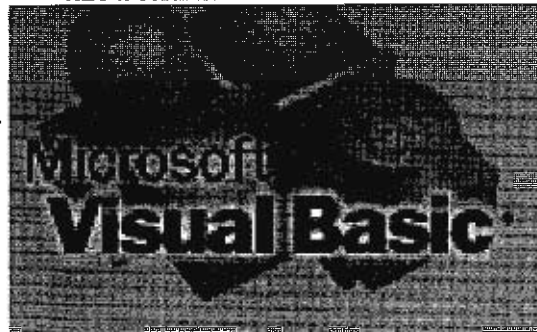
Bring your questions on Beginning Visual Basic to our meeting beginning at 9:00 AM on Saturday, August 21, 1999 at the Big Town Mall. It seems pretty certain we will be meeting in Room F for the foreseeable future. Check the NTPCUG Web site for any changes in meeting time or place. I look forward to meeting you this month.

*Jim Carter*

### Visual Basic - Advanced

The Advanced Visual Basic SIG was formed in the North Texas PC User Group (NTPCUG) in the summer of 1992 and has made the transition from the Infomart to Big Town with the NTPCUG. The SIG membership contains a mixture of new, intermediate and highly-skilled Visual Basic programmers who meet monthly to exchange ideas on Visual Basic programming. The meeting generally includes introductions, question and answer session, and a presentation on a particular subject of interest to the group. The main purpose of the SIG is to provide a forum for Visual Basic programmers to exchange views and share experiences.

The August 21, 1999 meeting of the Advanced Visual Basic SIG will feature a continuation of Tom Brown-



ing's introduction to the ActiveX Data Object (ADO). ADO is a new feature in Visual Basic 6.0 and is expected to replace the existing data objects in Visual Basic. Tom is assisting me run the Advanced Visual Basic SIG as we seek a new SIG Leader to replace our previous leader, Thomas Lewis.

The July meeting was an introduction to the ActiveX Data Object (ADO) by Tom Browning. Tom is quickly trying to master ADO himself and has agreed to share his learning experiences with us.

The September 25, 1999 meeting will feature a presentation from a seasoned Visual Basic programmer who has written a useful Visual Basic Add-In. Clint Carter (no relation) will give a presentation on his add-in and there will be drawings for copies of Clint's software. REMEMBER, you must be a member of NTPCUG to be eligible for the drawing. Get your dues paid and have some proof. I will have more information on Clint and his software in next month's newsletter.

Tom and I are actively seeking presenters for the Advanced Visual Basic SIG meetings. If you have some experiences with Visual Basic that you would like to share with the SIG members, please contact me and I will make the necessary arrangements. Give me a call at (972) 235-5968 or you may e-mail me at [Jim\\_Carter@msn.com](mailto:Jim_Carter@msn.com).

Bring your questions on Visual Basic to our meeting beginning at 10:00 AM on Saturday, August 21, 1999 at the Big Town meeting rooms. Check the NTPCUG web site for directions to Big Town and this newsletter for location of the meeting rooms. I look forward to meeting you there.

*Jim Carter*

## Word for Windows

Meeting time: 10:00-10:55 in Room G

Whether your documents consist of a few lines of text or they are complex productions with graphics and tables, you're sure to learn some tips and skills in the Microsoft Word SIG.

Although we're an informal group, we usually present a planned program with handouts. We're always happy to cover any questions and topics you want covered, as well as share your knowledge and good ideas. Word often provides several methods of achieving the same end result, and we'll all discover different ways of doing things in Word from each other.



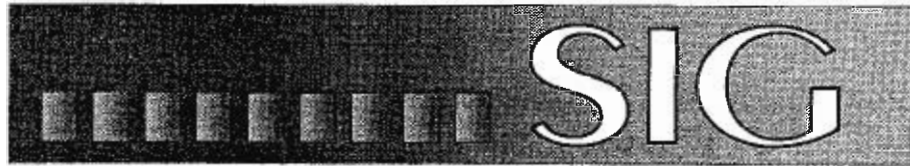
We want this SIG to help you solve your Word problems and discover how to do things you didn't know you wanted to do.

Michele Wood  
(mwood@flash.net) & Sherry Covert

## WORDPERFECT FOR WINDOWS

Hello everyone! We are BACK!!! Thanks to all who have made it to our first two SIG's and we hope to have ALL OF YOU BACK this month! In July, Diane introduced us to Templates that ship with Corel's WordPerfect8. This month we will expand on how the templates work. How to make modifications to them and customize them to your needs. We will even "dabble" with macros and macro triggers - if we have time that is.

*So why does everyone in the picture at right look so happy? Maybe it was the temperature inside the new SIG area after some kind soul "re-adjusted" the area's thermostat in July...*



The NTPCUG has put in a lot of time and effort to make the new facility work and keep the SIG's working and I applaud everyone involved in the effort. The large screen monitors and TV's work really well for all to see. It's good to be back and see all the friendly and inquisitive faces. So if you can make it, come see Diane and me in August!



### Tip of the month

Actually, we have a handful of tips. You might say we are making up for the past months lost.

- . Use Document Comments to leave notes to yourself or others. They do not print or take up space in your document.
- . To place the date in a document: Ctrl+D to insert the date as text (it never changes) or Ctrl+Shift+D to insert the date as a code (it changes to the current date of your computer when opened or printed). With the mouse, double-click the date or date icon on the Application Bar.
- . Right-click in the top margin to create a Header, Footer, or Watermark.
- . In the left margin area, click to select a sentence; double-click to select a paragraph.
- . If you need to add measurements as fraction in a dialog box, type the fraction with a dash, e.g.: 3 5/8 (not 3-5/8). When you move out of that field, the fraction is automatically converted to decimals.
- . Changing alignment from the keyboard is easy if you remember: Ctrl+L is left aligned; Ctrl+R is right





aligned; Ctrl+J is full justification, and Ctrl+E is center alignment (Ctrl+C was already taken for Copy).

F7 indents a paragraph. Ctrl+Shift+F7 indents both sides of the paragraph. Ctrl+F7 creates a hanging indent (as used in bibliographies).

Ever wished you could print something in the left margin? At the left margin: Shift+Tab.

*Cindy Adams*

**About the "missing" SIGs**

You may have noticed that the Programmers' SIG and MS Visual C++

SIGs are missing this month. That's because there are no SIG leaders who are willing/have time to conduct these meetings on a monthly basis. I agreed to "sit in" in the Programmers' monthly gossip, slander and rumor-mongering session — until it was scheduled against the Front Page SIG where I have some interest. I would encourage anyone with interest in either area to step forward and agree to a leadership position.

*Reagan Andrews*

North Texas PC  Users Group, Inc  
*Membership Application*

The NTPCUG is a non-profit, independent organization of individuals learning to apply personal computers to practical problems. For additional information, call (214) 746-4699.

Member # \_\_\_\_\_

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 \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone (Check preferred.)    Home: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_  
   Work: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Ext. \_\_\_\_\_

Occupation/Profession: \_\_\_\_\_

*Check one from each column below*

Payment:	Membership	Application Status:
Cash _____	Classification:	New Member _____
Check _____	Regular (\$30.00)	Renewal _____
Credit Card _____	Student (\$25.00)	Address Change _____

Applications should be mailed to: North Texas PC Users Group, P.O. Box 703449, Dallas, TX 75370-3449 (Make checks payable to : NTPCUG.)

Please initial here \_\_\_\_\_ if you do not wish to have your address included on member lists sold for the NTPCUG's benefit to advertisers of PC compatible products.

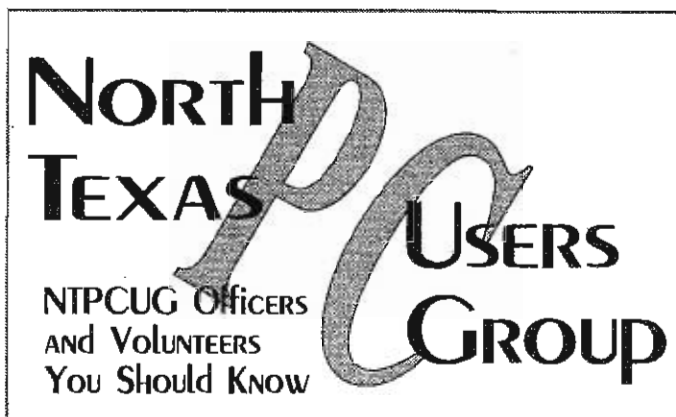
# North Texas PC Users Group, Inc.

P.O. Box 703449, Dallas, TX 75370-3449

Phone (214) 746-4699 for recorded information about the North Texas PC Users Group and scheduled meeting date times and locations. Please leave a message if you would like specific information about the Group. Or, visit our Web Page at: [www.ntpcug.org](http://www.ntpcug.org)

The North Texas PC Users Group, Inc., is a non-profit, independent group, not associated with any corporation. Membership is open to owners and others interested in exchanging ideas, information, hardware, predictions, and other items related to personal and compatible computers. To join the Group, complete the application blank printed elsewhere in this newsletter, and send with \$30 membership dues to the Membership Director — address shown below. Subscription to the newsletter is included with each membership.

The Group meets once each month, usually on the second or third Saturday. See inside front cover for date, time and place of the next North Texas PC Users Group meeting.



## North Texas PC Users Group, Inc. Board of Directors

**Jim Hoisington** *Chairman*  
**Marsha Drebelbis** **Timothy Carmichael**  
**Alex Lilley** **Andy Oliver**  
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Password problems?

Call Doug Gorrie at..... (214) 464-4568

## NTPCUG Web Addresses

Home Page: [ntpcug.org](http://ntpcug.org)

Click on: *How to Contact Us* and you will see a link to:

- ♠ President
- ♠ Advertising
- ♠ Newsletter
- ♠ Auditorium Presentations
- ♠ Special Interest Group (SIG) Coordinator
- ♠ Publicity
- ♠ Webmaster

To e-mail officers and directors: [bod@ntpcug.org](mailto:bod@ntpcug.org)

To e-mail the *PC News* and submit articles: [newsletter@ntpcug.org](mailto:newsletter@ntpcug.org)

To e-mail all members who have joined the Members mailing list: [members@ntpcug.org](mailto:members@ntpcug.org)

To enroll in NTPCUG Newsgroups, send e-mail to: [postmaster@ntpcug.org](mailto:postmaster@ntpcug.org)

Address Changes, etc...

Payment of dues, address changes, and inquiries about membership should be directed to:

**NTPCUG Membership Director**  
**P.O. Box 703449**  
**Dallas, Texas 75370-3449**

(Check newsletter mailing label for your renewal date..)

## NTPCUG Officers

President	Jim Hoisington	(972) 416-3101 h
President-Elect	(Open)	
Program Chairman	Timothy Carmichael	(972) 566-4626 w
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Secretary	Wade Emmert	(214) 740-3164 w
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Advertising Dir. (Acting)	Connie Andrews	(214) 828-0699h
Publicity	Rob Alschbach	(214) 368-4979 b
Volunteer Coord.	Claude McClure	(972) 867-0978 h

**DFW Xchange** **Information** (214) 746-3365  
[www.dfwxchange.com](http://www.dfwxchange.com)

## Members Emeritus

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**Phil Chamberlain** **Jim Hoisington**  
**David McGehee** **Stuart Yarus**  
**Tom Prickett** **Connie Andrews**  
**Kathryn Loafman** **Reagan Andrews**  
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## North Texas PC Users Group



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**Next Meeting:  
21 August 1999**

