



# SCUG REPORT

Published for the Sarnia Computer Users' Group  
Award Winning Newsletter & Website

[www.scug.ca](http://www.scug.ca)



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May 2004

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Please submit articles for the June  
SCUG Newsletter before June 16th.  
to: [editor@scug.ca](mailto:editor@scug.ca).

**Member of the Association of  
Personal Computer User Groups  
(APCUG)**  
[www.apcug.org](http://www.apcug.org)

## SCUG MEETING

St. Bartholomew's Church  
718 Cathcart Blvd.  
Sarnia, Ont.

**Last Wednesday of the month**  
7:00 p.m. social time  
7:30 p.m. call to order

**Next Meeting**  
**June 30, 2004**

## PRESIDENT'S PERSPECTIVE

by Pierre Houle

### Elections

**"contributing to a group effort"**



Tonight, we get a revisit from Erik Burggraaf, who gave the excellent talk a few months ago about how he uses his computer, even though he is completely without sight. He can do things that most of us can only wonder about.

Erik's last presentation didn't quite go as planned, (as many do) so we have asked him to return to demonstrate the various programs which he uses. He will demonstrate how his computer can dictate, tell him menu options, tell him page titles, verbal spell check and give current cursor locations.

Just imagine, if someone took you monitor away, how lost you would be. Erik makes it look easy.

Also, tonight, nominations open for executive elections. Nominations will remain open until fifteen minutes into June's general meeting, when the election will happen.

The present executive have done a great job to bring the membership it's money's worth this year. We hope to continue the tradition, but as always, we need new blood. If you feel you can contribute to the leadership of the club, please let Iain know. If you think a fellow member can help, please talk him or her into running. Remember, you are not running against someone, but are contributing to a group effort.

Election are in June. Think about it. Please!

*SCUG now has wheel chair access at the General Meeting.  
Please contact an Executive member for assistance.*

**Sarnia Computer Users' Group Est. 1982  
2004 Club Officers**

<b>President</b>	Pierre Houle	N/A	president@scug.ca
<b>Vice President</b>	Iain Smy	N/A	vicepresident@scug.ca
<b>Treasurer</b>	Dorothy Alexander	N/A	treasurer@scug.ca
<b>Recording Secretary</b>	Tom Deeprise	N/A	secretary@scug.ca
<b>Membership Secretary</b>	Val Conway	N/A	membership@scug.ca
<b>Shareware Librarian</b>	Dan Bilger	N/A	library@scug.ca
<b>Editor - SCUG Report</b>	Greg West	N/A	editor@scug.ca
<b>Public Relations</b>	Norm Lamoureux	N/A	pr@scug.ca
<b>Program Coordinator</b>	Bill Colotelo	N/A	coordinator@scug.ca

**VISIT US ONLINE [www.scug.ca](http://www.scug.ca)**

**(SIG) Special Interest Group Leaders**

<b>Genealogy Group</b>	- Kathy Witheridge	- genealogy@scug.ca
<b>Digital Photography</b>	- Ian Campbell	- digital@scug.ca
<b>Windows Group</b>	- Pierre Houle	- windows@scug.ca

**SCUG Advertising Rates**

Full Page	1x - \$30.00	3x - \$25.00	6x+ - \$20.00
Half Page	1x - \$20.00	3x - \$15.00	6x+ - \$10.00
Business card	\$10.00 per year		

*One year = 9 issues, September to June  
Full and half page rates are per insertion*

**Disk Prices**

<b>CD Only</b>	<b>Members</b>	<b>Non-Members</b>
Monthly Disk	Free	\$2.00
Utilities	\$1.00	\$2.00
Additional Disks	\$1.00	\$2.00

**NOTE:** Some of these programs are Shareware which must be registered and paid for if you like them and decide to keep them on your machine. This is your responsibility!

**Please Visit US: [www.scug.ca](http://www.scug.ca)**

*The SCUG accepts no responsibility for errors or omissions in the newsletter.  
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## Your Secretary's Notes

by Tom Deeprose  
secretary@scug.ca

### SCUG Executive Meeting

May 6, 2004

St. James' Church, 140 Lansdowne Rd. North.

1. Membership. Val reported that, as of April 30th/04, our membership totalled 133, with 89 Members and 44 Associates, including 6 Member and 3 Associate renewals. Three Members and Associates lapsed. Suggest 110 NL's for May 26th meeting. There were 74 people at the meeting, including 6 guests.

2. Vice President's Input. Iain's election e-mail to all members ready to go. Val will send it to current membership. Its purpose is to remind them of the coming elections and the benefits of taking an active role.

3. Secretary's Input. The new Newsletter pick-up is without problems. Our account with them is now open. An accumulated stack of old NL's will be used at Hobby Fest after some discrete censoring.

4. Treasurer's Report. Dorothy's financial statement was discussed and accepted. A minor glitch was noted due to the change to new software. It was corrected post meeting and circulated for approval. On coffee wastage, to supplement the choice of libation at our General Meetings bottled water will be supplied gratis by the Point Edward Charity Casino, thanks to Iain's intervention.

5. Software Library Report. 49 CDs were swapped and 1 sold along with 2 Utility discs. The quality of our discs seems good with only one failure to date. Disk of the month for May will be SpeedDefrag and Google Tool Bar.

6. Meeting Program. The presentation by Digital Friends on Video Conferencing was well received despite a technical hitch. The usefulness of such a system was well displayed. May - Nerds - Networking was planned but due to a clash of dates we will be going with "Blind Computing Revisited" by Erik Burggraaf June -Election Meeting-Scott Elliott: Issues with Home Computer repair. In the pipeline are potential presenters including: Island Inkjet, Ebtech on Internet Security, Avolution Multimedia-Computer Animation? Photoshop presentation (video) - for photography SIG. Photoshop CS Demonstration - Jim Greenshields - Sept or Oct On Line Banking by a local Bank

7. Newsletter Editor. The quality of the NL is considered very satisfactory. Other computer groups are frequently using articles from our NL. Tom will ask the printer if they wish to advertise in the NL and also whether SCUG members could get a discount rate when they need printing work.

8. Webmaster. Hits from all over the world but still a low count from our own Members. Iain will continue with his mini-tutorials at the May Meet. Problems in Iain getting Compuprize winner's pictures was aired and ironed out to his satisfaction.

9. Program Co-ordinator. Bill reported there is only Firetrust's MailWasher Pro in the works at this time for review. To date this season we have reviewed a healthy nine items with the above due for completion in June. In Bill's other role as Accommodations Manager, he has received Elevator Training in order to legally use the St. Bart's lift. All future accommodation dates appear stable.

10. Promotions. - Norm has an array of computer disposables plus OPP caps, a notebook wireless card donated by Iain, and mature copies of Microsoft works and Quicken. May's prize will be the wireless card plus an OPP cap. Second prize, printer paper, and CD's. Our ears on the communications front tells us that the Sarnia Observer might be considering a mini-issue, devoted to computer subjects, in which we should get a mention.

11. New Business. A hearty "Thank You" and copies of our NL were sent out to the OPP Officers who were involved in the [OPP Anti-Rackets] presentation.

12. Old Business. The coffee expense concern will hopefully be solved by the supply of bottled water.

**Next Exec Meeting: May 31st**



## RECORD NUMBERS FOR SCUG

MEMBERSHIP REPORT Stats as of April 30, 2004

89 Members + 44 Associates = 133 Members  
 New Members.....0 Members + 0 Associates  
 Renewals....6 Members + 3 Associates  
 Lapsed Memberships.....3 Members + Associates  
 Guests.....6 Guests

Total Meeting Attendance..... 74 110

### Welcome Back Renewals:

Dawn & Eric Shepherd,  
 John & Barbara McIntyre,  
 Phillip & Lucille Burness,  
 Vic Sterry,  
 Gary Shrigley,  
 Ginny Massey.



### Compuprize Winners

Here are the winners of the April Draw



Dick Carpani, Doug Lidstone,  
 Pat Carter, Rich Dolby

The prizes are a CD labeler & blank CDs,  
 a CD Rack and the Mailwasher program.



## SHAREWARE CD

SCUG Librarian  
**Dan Bilger**  
 library@scug.ca

This month, on the CD, you will find: Wanna defrag your hard disk fast Just download SpeedDefrag and experience the difference.

SpeedDefrag is a program, which restarts your computer and runs only defrag.exe with optimized windows settings.

This makes defrag work faster. SpeedDefrag will automatically shutdown your computer after completing the defragmentation process. Also Google Toolbar - Search the web with Google from any site

New! Eliminate pop-up ads \*

New! Fill in forms with one click \*\*

New! Link a weblog to the page you're visiting \*

New! Restrict your search to pages located in a specific country \*

Search just within the pages of a site

Highlight search terms on a page

Customize the layout of your toolbar

### PAST PROGRAMS ON YOUR CD

April: Rainbow Folders (RF) is an easy program to change color of folders.

March: "Juke" an audio and video player for Windows that supports .mid, mp3, .wav, and more.

February: "PIXresizer" isa photo resizing program and the game "Sokoban".

January: "GIMP" This is a GNU Image Manipulation Program from the GNU/Linux world.

November: "Christmas 2003" some Christmas fun stuff.

October: "CD Roller" a powerful, easy to use, and low-cost toolset for CD data recovery.

September: "Open Office" a complete office suite program that is freeware.

Next month bring the CD back with you and exchange it for another CD with a new program loaded on it.

Repeat this procedure each month. If you forget to bring your CD back next month you can get another CD for the nominal price of \$1.00.

Please Note: Also, you keep the CD that you get at the last meeting in June. This CD will contain the entire year of the SCUG SHAREWARE LIBRARY programs. Non-members can purchase a CD for only \$2.00, however

when you do become a SCUG member you will then receive the full CD included with the price of your membership. Utility Disks - \$1.00 each diskette  
 Spotlight on Shareware

There is a link on SCUG's www.scug.ca where you can download any of the programs that were listed in the Spotlight on Shareware in past issues of this Newsletter. See www.scug.ca for "other area downloads".

# SIG REPORTS



**Genealogy SIG**  
 Kathy Witheridge  
 genealogy@scug.ca

The Genealogy SIG did not meet this month.



**Digital Photography SIG**  
 Ian Campbell  
 digitalsig@scug.ca

Twenty people attended the May Digital Photography SIG., including three guests. Pierre started the meeting with a Powerpoint presentation called "Basics of Camera Exposure, Part 1 ". Basic concepts including aperture, shutter speed, ISO, EV, metering methods. The second part of the SIG was a general discussion of various topics, including megapixels, picture backups, photograph organization, refilling inkjet cartridges, format compression.

At the next Digital Photography SIG, Pierre will continue with Camera Exposure, Part 2, which will deal with depth of field, exposure compensation, manual exposure, infinity, metering techniques, and using flash. This will happen June 2nd, 2004, 7:00 P.M. at St. James Church, 140 Lansdown N.

**Editor's Note:** This month, while finishing up this newsletter, I wanted to print out a draft copy to see how it looked - a usual practice. This time, without warning, my "hp Laserjet 1012" printer decided to print out only two thirds of each page. The ink cartridge was running low. I was shocked at the price of a new ink cartridge, but that is an issue I am still working on. Thanks to Judy at Datatek Systems, as she suggested taking the cartridge out and giving it a shake, then put it back into the printer saying, "It will give you some more ink." Great tip - it works!



**Windows SIG**  
 Pierre Houle  
 windows@scug.ca

Twenty Nine people attended the May Windows SIG including one Grace member. Pierre started the meeting with a talk about troubleshooting tools found in Windows 98 and XP.

One point that was stressed: BE PREPARED!

Have a Windows Startup disk, your Windows CD with serial number, and all hardware driver disks on hand when ( not if ) your computer has problems. Keep your data files backed up, update SFC, and, in XP, make sure System Restore is turned on.

The second half of the meeting was devoted to member's questions. Dawn Shepherd has agreed to take notes for me so I have a synopsis of the questions and answers which I will include in the notes which are e-mailed after the meeting.

A good meeting, with great participation! Thanks to all who helped out.

The last Windows Meeting of the season will be June 16th, 7:00 P.M., Grace United Church, corner of Indian and Cathcart. There will be no assigned topic, and we will discuss whatever the members want. I can show a few Windows Tips if time permits.

Also, those present will decide on the group leader for next year.

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*SCUG Special Interest Groups are a great way to meet other computer enthusiasts; as well you will can learn new computer tricks and techniques and possibly save money to boot, staving off some of those high cost bench fees at a computer repair shop. So come out and visit a SIG group soon!*



**SARNIA COMPUTER USERS' GROUP  
FINANCIAL SUMMARY  
as of April 30, 2004**

THIS SECTION IS FOR MEMBERS OF SCUG ONLY

**Many Reasons to be a SCUG Member**

- \* Special Interest Groups
- \* S.C.U.G. REPORT
- \* Want Ad
- \* Paid Advertising
- \* Disk of the Month
- \* Utility Disks (Set of 2 Disks)
- \* Members Only Web Pages
- \* Meeting Cancellation Notification
- \* Local Discounts
- \* Earn 1 Month Free Membership
- \* Join in on Software Reviws
- \* Executive Postions
- \* E-mail Reminders
- \* Special E-Mails

**FOR FULL INFORMATION ON SCUG BENEFITS SEE [www.scug.ca](http://www.scug.ca)**

**SCUG MEMBERS SAVE - UP TO \$60 AT EBTech**

**EBTech offers up to \$5/month discount to SCUG Members!**

- \* Contact Val Conway ([membership@scug.ca](mailto:membership@scug.ca)) to be on the EBTech Discount List.
- \* With your next EBTech renewal, simply identify yourself as a SCUG Member
- \* Val notifies EBTech of eligible members so no further proof of identification is required.

10 hours per month - \$10 per month (\$2.00 per additional hour)  
SCUG members save on 6 & 12 month packages

100 hours per month - \$20 per month (\$1.00 per additional hour)  
SCUG members save \$5 per month

- \* Upgrade your existing account and you can apply the discount immediately!

## TID BITS

Collected by  
Greg West - SCUG Editor



*SCUG is a member of Association of Personal Computer User Groups, and one of the benefits we get from APCUG; members of other groups and APCUG executive members write articles. Judy Taylor is an executive member of APCUG and is the one who sends out monthly articles for printing in club newsletters. Judy is also the President, Editor, Santa Clarita Valley PC Group. This month something new is now offered from the editorial pages...APCUG has sent out various Tid Bits from members of other computer clubs. So this month SCUG would like to present these bits of information and hope that you enjoy this new forum. We look forward to Letters to the Editor, regarding these Tid Bits...and of course, if you have any yourself that you may have been hoarding, well this is the place to share them. Please email your Tid Bits, or interesting web sites to: editor@scug.ca*

### Is DOS Really Dead? By Charlie Paschal, PPCC

Microsoft official made the break with DOS with Windows 2000. Although it tried to "fake" out the public by saying that Windows ME did, it wasn't true. With some information off the Web, a true bootup diskette can be made that will access ME with a floppy.

That's not true with 2000 and XP, which makes a true break with DOS -- you can't start either operating system with a boot disk. You can, though, bootup an ill-acting system with a boot disk that contains the correct files out of your root directory. Both 2000 and XP use an NTFS file system -- if you use the native file system the system expects -- that supposedly can't be accessed with a floppy. There are certain floppies -- available on the Internet -- that can be used to access NTFS volumes. Another floppy, also available on the Internet, al-

lows a user to boot from it to a version of Linux that allows someone to access and change the administrator's password. It's useful for someone who has forgotten the administrator's password.

### Knoppix: A Tool for Everyone By Charlie, PPCC

One of the greatest tools a computer technician has over a home user is the access of another computer. A second computer can be used to access the Internet and find answers to problems. When a home user's computer is crippled, it's very difficult to find answers -- except by telephone.

Although it's not another computer, a very useful tool is a Knoppix CD. Knoppix is a version of Linux that runs from a CD. If you've got a broadband connection to the Internet, such as a cable modem, it automatically senses the connection and gives you access to the Internet. It usually finds all your hardware, giving you total access to your files and information. You usually can copy files to CDs, floppies or Zip disks. Get Knoppix at [www.knoppix.org](http://www.knoppix.org). It's a large download, about 700 megabytes, but it comes in a form that you can use to automatically make a bootable CD. If you don't have this CD, download it (or ask a friend with a broadband connection to do it for you) as a tool for a day when Windows won't start.

### Hex, binary, Decimal numbers By Charlie Paschal, PPCC

Ever wonder what people are talking about when they mention binary and "hex" numbers? It's the way computers "talk" and the language they understand. Our system, of course, is the decimal number system, which is 10 base. Binary is 2-based, while hex is 16-based. The binary is where you get the "1s and 0s" from because that's the only numbers used in that system.

For example, the number 11 in decimal is 1011 in binary and B in hex. Since 1s and 0s can easily show numbers from 0-9, hex is used to represent numbers from 10 through 16, meaning at A is 10, B is 11, etc. Because binary numbers can get complex, hex is used because it makes it shorter to write and it's easier for humans to remember. If you ever want to do some conversions yourself without having to learn the mathematical way of doing it, use Windows calculator. Go to View and select scientific. Plug in a number in decimal and then click on Hex or Bin to see the number in that system. For example, 999 is 3E7 in hex. In binary it's 1111100111. See? You can remember 3E7 but it's not as easy to remember the binary version.

Continued on page 8

Continued from page 7 - TID BITS

### Don't forget system restore By Charlie Paschal, PPCC

Viruses are always a threat, but did you know that one can "return" without warning if you don't turn off one Windows XP feature when cleaning up from a virus? One of XP's great features is System Restore that can take your system back to a time when it was running better. I've used it countless times to return an ill-acting system back to a healthy time.

What if, though, you get a virus? Because System Restore can contain system settings that will restore the virus itself, it should always be turned off before you remove a virus. To do that:

\* Right Click on My Computer and select Properties and left click. Click on the System Restore tab and check the box labeled "Turn Off System Restore on all Drives." Then, clean up the virus and reboot. Don't forget to turn System Restore back on after cleaning up the virus.

There is no restriction against any non-profit group using this article as long as it is kept in context with proper credit given the author. The Editorial Committee of the Association of Personal Computer User Groups (APCUG), an international organization of which this group is a member, brings this article to you.

**Editor's Note:** *Charlie Paschal is the Editor/Publisher of the Palmetto Personal Computer Club, Columbia, SC Columnist, The (Columbia) State newspaper, SC. As an editor, Charlie says he is always looking for short articles to fill a little bit of white space on a page. So is SCUG. Please send your TID BITS and neat web finds to editor@scug.ca*

### CELL PHONE FUN

It doesn't take a rocket scientist to realize cell phones are EVERYWHERE and as a cell phone user you may have been caught short, or surprised at one time, or another? Have you sometimes wished you hadn't answered that pesky little thing, a call from someone who simply wants to gab? All the while, you are awaiting an important call and can not rid yourself from this caller. Or, have you had to tell a "white lie" and pretend you are somewhere that you are not? Wanna be late for something, on purpose?

For instance, caught in traffic, (late for work excuse)? While on your cell phone have you said your other phone was "ringing off-the-hook", while you just didn't want

to talk to this person, but feared they knew you were fibbing? And if you have a vivid imagination, maybe while answering that call you really didn't want you would like to say you are "at the dentist, in the park, on the street, caught in a thunderstorm, near heavy machinery or even in a circus parade"?

Well now your excuses are an audible reality...well, at least now you can really pretend to be somewhere that you are not, duping the other person on your cell phone. Now you can! Check out this web site where you will find many of the sounds you would like to have on hand when that dreaded call comes in, or you want to be a tad late for something. Go here for an interesting free and fun cell phone sounds demo:

[www.simeda.com/soundercover.html](http://www.simeda.com/soundercover.html)

### Microsoft Baseline Security Analyzer V1.2

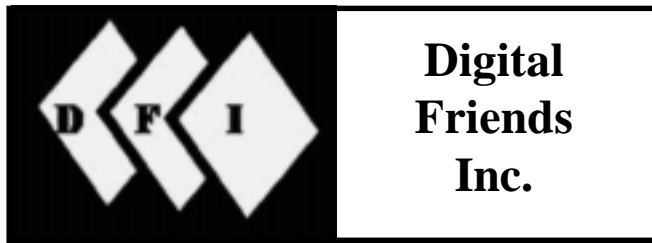
"As part of **Microsoft's Strategic Technology Protection Program**, and in response to direct customer need for a streamlined method of identifying common security misconfigurations, Microsoft has developed the Microsoft Baseline Security Analyzer (MBSA)."

"MBSA Version 1.2 includes a graphical and command line interface that can perform local or remote scans of Windows systems. MBSA runs on Windows 2000, Windows XP, and Windows Server 2003 systems and will scan for common system misconfigurations in the following products: Windows NT 4.0, Windows 2000, Windows XP, Windows Server 2003, Internet Information Server (IIS), SQL Server, Internet Explorer, and Office. MBSA 1.2 will also scan for missing security updates for the following products: Windows NT 4.0, Windows 2000, Windows XP, Windows Server 2003, IIS, SQL Server, IE, Exchange Server, Windows Media Player, Microsoft Data Access Components (MDAC), MSXML, Microsoft Virtual Machine, Commerce Server, Content Management Server, BizTalk Server, Host Integration Server, and Office." (Microsoft site: [www.microsoft.com/technet/security/tools/mbsahome.msp](http://www.microsoft.com/technet/security/tools/mbsahome.msp))

"Microsoft's Strategic Technology Protection Program (STPP) was launched in October 2001 and at the time represented an unprecedented mobilization of the company's people and resources to integrate products, services, and support. The program was designed to help Microsoft customers help protect themselves in the aftermath of the Code Red and Nimda viruses."

For a Q & A session on Microsoft's security protection go here: [www.microsoft.com/presspass/features/2001/oct01/10-03securityqa.asp](http://www.microsoft.com/presspass/features/2001/oct01/10-03securityqa.asp)

.□

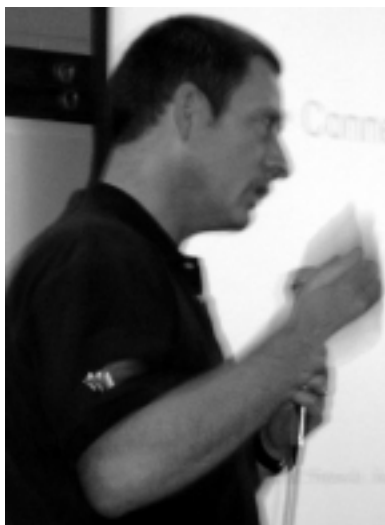


SCUG would like to extend a warm thank you to Joe and Sherry of Digital Friends Inc. for their interesting talk and demonstration about video conferencing and WebCams at the last General Meeting.



Sherry is busy commanding the laptop and webcam, while Joe gives us the play-by-play on the how tos!

“Digital Friends Inc. is about helping the smaller businesses enjoy the same benefits of Technology that larger businesses have. DFI provides daily desktop support, hardware and software choices to fit your business. We provide all the IT sources without the cost of having an IT team. DFI believes that your size should not determined how technology helps your business. All businesses should have the same access to IT.” (DFI)



“Joe is a Certified Novell Engineer and a Microsoft Certified Systems Engineer. He is skilled in the use and configuration of various networking equipment including hubs, switches, Cisco routers and Cisco firewalls. During the course of his career, Joe has worked with many of the leading software packages, operating systems, and hardware technologies in use across North America and Europe. He has designed integrated networks using NetWare, Microsoft and UNIX environments leveraging the unique strengths of each. He has also designed and implemented multi-site e-mail environments centered on Microsoft Exchange Servers.” (DFI)

ware technologies in use across North America and Europe. He has designed integrated networks using NetWare, Microsoft and UNIX environments leveraging the unique strengths of each. He has also designed and implemented multi-site e-mail environments centered on Microsoft Exchange Servers.” (DFI)



*Sherry is the newest member of the DFI team and is located in Drayton, Ontario.*

“Digital Friends Inc. is proud to be active within the community....

DFI believes that having a business in Sarnia should consist of community involvement as well as business.

Charity organizations would not survive without the continued support of businesses in the community. We encourage everyone to become involved in the community.” (DFI website).

DFI offers solutions for Office and Home Users. They say that “onsite service brings us closer to the problem to find a solution.” <[www.digitalfriends.ca](http://www.digitalfriends.ca)>

Anyone interested in help from Digital Friends can either visit them in person at:

373 Vidal St. S. Suite B-1 Sarnia, Ontario

or simply give them a call at: 344-3334 - Sarnia.

Don't miss out on this great opportunity offer from DFI:

Contact us for your free no obligation consultation.

Let us focus on your Computer needs. (\$250.00 value)

*SCUG looks forward in having Joe and Sherry return, for another great demonstration soon!*

Visit DFI @ <http://www.digitalfriends.ca/>



## WIFI SECURITY OR INSECURITY

By Ira Wilsker

*APCUG Board of Advisors (2nd term); Past President, Past Vice President Golden Triangle PC Club Presenter on CyberCrime at Spring and Fall APCUG events; Host, computer call in show KLVI; Faculty Senate, Lamar Institute of Technology*

### Wireless Networking Not as Secure as You May Think!

About two years ago, following a private meeting with some Beaumont business people, I mentioned that most of the wireless networks being frequently installed in their homes and businesses were insecure. I explained how an electronic intruder could easily utilize their wireless networks to commit acts as benign as to simply get "free" internet access or as dangerous as identity theft and espionage. While there were some present who appreciated the fact that their networks were vulnerable, and stated their intentions to secure their systems, some others present scoffed at the thought, and denied that the risks I described were real.

After all, they were told by their hardware dealer or "geek" employee that all of the major retail brands of wireless networks had built in encryption and security, which I agreed is true. The problem is that many business installations of wireless networks, and almost all wireless home installations, are configured with either no significant security settings, or use the "default" passwords and encryption schemes. This is dangerous because they use their networks with false but blissful ignorance that they are safe from intrusion.

The doubters were shortly enlightened when I drove my van around downtown with my notebook computer on the dashboard, an inexpensive 802.11b wireless card installed, and running a readily available and popular hacker utility. To the chagrin of the doubters, I was able to pick up most of their wireless networks from the street, recording their brand of network, unique addresses, and other information about their networks. Since proper encryption was not enabled, and other security methods were not utilized, it would have been an easy "next step" to access their networks and ultimately their internal data.

Almost all of these networks are vulnerable, and the vulnerable networks already have been compromised, or will almost certainly be compromised, unless secured. One of the goals that the "National Cyber Security Day" encouraged in April was to secure our computers from hackers and terrorists, and the Department of Homeland Security has identified this as one of the major vulnerabilities of our cyber infrastructure. There is too much proprietary and private personal information available for illicit access, and there are also many who will eagerly access this information either as a challenge or for nefarious purposes. This vulnerability has been widely known for several years, and has created an underground library of illicit "hotspots" where private networks can be accessed. These listings evolved from the primitive but effective marking method known as "war chalking", where hobbyists and hackers literally wrote on walls and sidewalks with chalk, labeling the wireless access available at those locations. This is not the same as the thousands of legitimate "hotspots" available to the public, either for free or for a fee.

Unknown to me until recently, a local security expert, Joseph Sorensen, recently drove around town through some residential neighborhoods and commercial areas, using his notebook computer, wireless card, and the same hacker software that I used, and logged the wireless networks he picked up. He found over 300 such networks in a matter of minutes, only about 20 percent of which were secured, leaving about 80 percent vulnerable. Many of the vulnerable networks he detected, just as I found two years ago, were major name brand systems that had only the default security settings, leaving them open and vulnerable. Another vulnerability, almost non-existent when I did my search, but which is now becoming very common are the wireless networks being sold by our local broadband sellers as part of a broadband internet package. Since almost all of these users use the default settings at installation, it would be easy for their neighbors to access their broadband internet connections at a minimum, or at worst, all of the information on their computers.

Another wireless vulnerability well known to the hacker community, but almost unknown to the users, are the security risks possible at the thousands of public hotspots, commonly in libraries, bookstores, airports, hotels, coffee shops, and other locations. Innocent users of these hotspots may not be aware that their computers may be accessed by unauthorized users. In a recent article by John Desmond, "Countering Lack of Security in Wi-Fi Hot Spots" published by "eSecurity Planet", the author describes the risks of using these popular hot spots. "Public hotspots are not secure, not even turned on with

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Continued from page 10 - WIFI Security

Wired Equivalent Privacy (WEP), the 1999-era security standard of 802.11 Wi-Fi communications, making them a risk for any business professional to use, says Mike Disabato, senior analyst with the Burton Group."

While I have been preaching security in this column since its inception several years ago, many are still unaware of the risks and possible solutions. This has created a cottage industry of small businesses specializing in securing systems, and other related services. Locally, one such company is Armored Wire, which at present is offering a free security analysis. If you would like to find out if your wireless network is secure, call (409) 861-4545 and Joseph Sorensen may be able to tell you if your network is one of the unsecured networks that he can detect outside of your home or business, and is therefore vulnerable.

If you have a wireless vulnerability, it is not a question of if you will be attacked, but it is likely that you will be attacked, and probably have already been compromised.

**Editor's Note:** Recently, I purchased a Toshiba laptop computer with WIFI built-in. (wireless Internet capability). In order to get this system connected to my home desktop I had to buy a wireless router. My choice, after a lot of research, was a router by LINKSYS.

Being a "newbie" to this technology I was faced with the installation of this product...and with no real knowledge and of course the horrendous amount of horror stories about wireless security flaws I quickly decided this setup job was not for someone "new to the technology" to attempt.

On the LINKSYS set-up CD was a PDF instruction booklet. I quickly scanned this file and found a 1-800 number for HELP. I was skeptical as to whether this number (USA number) would work from Sarnia - I was surprised when the call was quickly answered with a very pleasant voice at the other end - a LINKSYS help-line-technician. I must say this person took me (inside settings with my laptop and desktop) where this person (me) has never dared before. After about 40 minutes of adjustment settings and security setups between my two computers, I was ready to connect to the wilds of the Internet.

Well my first site was the same one I wrote about in SCUG Report last year, a security test site called SHIELDS UP. This site has a test program that challenges your home computer security. The SHIELDS UP now has a new feature that acts like a hacker and at-

tempts several different ways to invade your computer, just like a hacker would in the wireless world. Well I was extremely impressed when the report I received was of the highest security available for home use - in fact even the SHIELDS UP main program could not crack into my computers - of which it made special mention to the "Stealth Mode" my computer was set up in. With shutting down the default broadcast signal and setting up a MAC address between my desktop and laptop (MAC Address: "Short for Media Access Control address, a hardware address that uniquely identifies each node of a network. In IEEE 802 networks, the Data Link Control (DLC) layer of the OSI Reference Model is divided into two sublayers: the Logical Link Control (LLC) layer and the Media Access Control (MAC) layer. The MAC layer interfaces directly with the network medium. Consequently, each different type of network medium requires a different MAC layer." <[www.webopedia.com](http://www.webopedia.com)>) which enables only these two computers to connect to my wireless router.

The security factors of a wireless system is for another column and maybe even a Windows SIG or a General Meeting topic, but one thing the LINKSYS technician said was that all these steps she took me through on the security setup was good and that most people trying to get into my system now would probably give up and head to an open system (one which the default broadcast signal was not shut off) where it is faster to crack into. In other words just when you think they have invented the best mousetrap, the mice get smarter!

Some wireless information sites to check out:

LINKSYS: [www.linksys.com](http://www.linksys.com)

WIFI Forum: [www.wifi-forum.com/wf/](http://www.wifi-forum.com/wf/)

Are Wireless Networks Secure?

<http://compnetworking.about.com/cs/wireless/f/arewlansecure.htm>



*Look for good Technical Service when buying a router!*

## Accessibility for Everyone

by Billy Mabray  
Oklahoma City PC Users Group

Many people, including a lot of Web designers, think Web-site accessibility is only about making sites work for blind users with screen reader software. Accessibility should be about all of us. There is a wide range of physical conditions that can make using the Web difficult. The Internet can be a frustrating place when you have poor eyesight, colorblindness, or trouble using a mouse. You may not fall into any of these categories right now, but consider this statistic: 100% of Internet users are growing older. At some point, we will all need help navigating the Web.

There are many things that can be done to make the Web more accessible. Some of those things are already built into your Web browser. Others require Web designers to implement accessible features on their Web sites. If you are one of the many people who has difficulty using the Web, you will want to know what help is out there.

One of the biggest complaints people have is that text is too small. It is also the easiest to remedy. If you are using Internet Explorer, choose View>Text Size from the top menu. Also, if your mouse has a scroll wheel, you can hold the CTRL key and scroll up and down to change the text size. Now, this will not work on all Web pages - later, we will discuss why that is and what Web designers can do about it. The Netscape/Mozilla browser, however, can change text size on all Web pages. Choose View>Increase Text Size, or hold CTRL and press the + key.

There are many shortcut keys available for those who have difficulty using a mouse. For example, the backspace key will take you to the previous page, F5 will reload your current page, and ALT plus the Home key will take you to your home page (the page set to load when you open your browser). Also, if you have gone back to a previous page, ALT plus the right arrow will take you forward again. Another useful key on any Web page is the TAB key. You can use the TAB key (and SHIFT plus TAB to go in reverse) to quickly navigate forward through all the links and form fields on a Web page. Once you have tabbed to a form element, other keyboard shortcuts may come in handy. For drop-down

boxes, you can use the up and down arrows to highlight your selection. For radio buttons or checkboxes, use the space bar to select your choice. If you are using a recent version of Netscape/ Mozilla, you can also use "Find As You Type." Start typing at any page and it will automatically do a search for what you are typing on that page.

Some people, particularly the colorblind, find Web sites hard to use because the color of the text does not contrast enough with the background colors. If the color scheme of your favorite Web site makes it difficult to read, you can override that as well. You will find this under Tools->Options or Edit- Preferences, depending on your browser. You can set your default fonts, font sizes, and page colors. You can also specify that your defaults always override what is set by the Web page.

While these browser features can be helpful, there is still much Web designers must do to make their site accessible to the widest possible audience. A good example is text sizing. If Web designers use fixed text sizes - sizes that specify an absolute unit of measurement, such as points or pixels - on their pages, Internet Explorer users cannot change their text size as I described earlier. Web designers can, and should, use relative text sizes to make their pages more accessible. Designers who prefer to use absolute sizes for text should provide

a "style switcher." This is a link on the page that allows the site's visitor to make the text bigger and saves that preference in a cookie.

Another accessibility feature that some designers use is access

keys. These are just like the shortcut keys I mentioned earlier; except they are defined by the Web page you are on. For example, the designer could define ALT plus 4 to take you directly to the search function. If you visit a site regularly and know their access keys, they can be useful.

Web designers should also use labels for forms. Labels make the text next to a form field clickable, just like the field itself. For example, if a form has a checkbox that reads, "Click here to subscribe," and that text is set as a label, the user can click anywhere on that text to check the box. It can be very helpful to have a larger target when trying to click things with a mouse.

We still have a long way to go before the Web is accessible to everyone. But now you know some of the help-

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**One of the biggest complaints  
people have  
is that text is too small.**

Continued from page 12 - Accessibility.

ful features you have at your fingertips already, and you know what to ask for from the Web sites you frequent. Hopefully, as users learn what they can do, and designers learn what they need to do, we can all enjoy the Web a little more.

Billy Mabray and his wife, Angela, own Smart Goat, a local software development and web design business. They are members of the OKCPCUG. Comments or questions on the article are welcome and can be addressed to: [billy@smartgoat.com](mailto:billy@smartgoat.com). The Editorial Committee of the Association of Personal Computer User Groups (APCUG), an international organization of which this group is a member, brings this article to you.

## Getting to Know Google

by Billy Mabray  
Oklahoma City PC Users Group

These days, whether you consciously choose it or not, your Web search engine is probably Google (<http://www.google.com>). That's because most search sites, whether they admit it or not, are powered by Google. And, why not? Google rose to the top of the search engines because its formula provided more relevant search results than any other. Also, its deceptively simple page makes it fast and easy to use.

I say deceptively simple because, underneath that friendly, colorful logo is a powerful search system that can accept queries as complex as you want to make them. Many people don't realize that if they do not find what they want on the first try, there are techniques they can use to improve their results. There are also ways to search Google that are more appropriate for certain specialty queries. And, Google is hiding a few extras that take it beyond a search engine into an amazing reference tool.

Let's start with an example. We're cooking dinner tonight, and we need a recipe for spaghetti sauce that does not use sugar. We might go to Google and type in this:

no sugar spaghetti sauce recipe

Google tells us we have about 56,000 results to wade through. A daunting task, considering the first page doesn't seem to contain anything relevant. The first thing we will try is grouping our search terms into phrases, using double-quotes. This tells Google that certain words

should be searched for together. So, we try this:

"no sugar" "spaghetti sauce" recipe

That certainly narrowed things down, didn't it? This is a good technique to use when your search contains a lot of common words that could appear together in different contexts than what you are looking for. Unfortunately in this case, our first page of results is still not as relevant as we would like. The next thing we will try is searching for pages that do not contain a certain term:

-sugar "spaghetti sauce" recipe

This tells Google that we want pages that are about "spaghetti sauce" recipe, but specifically do not contain the term sugar. That seems to have done it-our first page of results is chock full of spaghetti sauce recipes that don't use sugar. "Subtracting" a term can also be useful when what you are searching for has multiple meanings. For example, if you are researching the "Holy Grail," you might want to add

"-Python" to your search to eliminate all the references to the movie Monty Python and the Holy Grail.

Now, maybe spaghetti sauce is too specific-we might want to also consider marinara sauce. In that case, we use Google's or syntax:

-sugar "(spaghetti | marinara) sauce" recipe

When there are multiple words that will satisfy our search, we can group them with parentheses and separate them with the "pipe" character-a vertical line that is most likely on the right-hand side of your keyboard. Google will then search for references to "spaghetti sauce" or "marinara sauce."

At this point, we've become so intrigued by what we can find with Google, we've completely forgotten about dinner. Now we are interested in just how many different chicken casserole recipes we can find. Here's one way:

"chicken \* casserole" recipe

Notice the asterisk. This is called a wildcard. It tells Google that we don't care what word comes between chicken and casserole, but there should be something there. This can be particularly useful when you know most of a title of something, but are unsure of all the words. This particular search brings back all kinds of chicken casserole recipes. Something tells me we better just eat out tonight.

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Besides its standard Web search, Google has many specialty searches that are triggered either by a keyword or simply by what you are searching for. For example:

site:microsoft.com "Internet Explorer" patches

This searches for references to "Internet Explorer" patches on microsoft.com only. If your favorite Web site does not offer a search function, this is a pretty good substitute.

Maybe we want to know which sites on the Web link to the OKC PC User's Group Web site:

link:okcpcug.org

We can also tell Google that what we are looking for is in an Adobe Acrobat PDF file:

filetype:pdf refrigerator manual

Google pays attention to what you are searching for, and offers helpful services based on what it thinks you want. For example, have you ever noticed Google shows your search words in the blue bar above your results? The search terms that are underlined link to a definition of that word at dictionary.com. If you spell a word wrong, Google will prompt you with the correct spelling and ask if you would like to search for that instead.

Google has many tricks like this up its sleeves. Search for a phone number, and Google will do a reverse lookup on the number. Search for a name with a city and state and/or zip code, and Google will look up their phone number. Search for an address and you will get links to maps of that location. Include a zip code with your search terms, and Google will offer you local results-Web sites for locations near the zip code, ordered by distance. You can even type in a shipment tracking number, and Google will figure out who the shipping company is and give you a link to the tracking information.

Google offers some services that have nothing to do with searching. Try this:

$68.12 + (68.12 * .2)$

The Google calculator will return the result of this computation. Fun, although, admittedly, not particularly useful. The Google calculator can be useful though, for things like conversions:

68mm = ? inches

You can do all kinds of conversions using Google-a handy tool whenever you get around to making that spaghetti sauce.

Google is much more useful than most people realize-we've only scratched the surface of what Google can do. If you are interested in more, check out Hacking Google by Tara Calishain and Rael Dornfest. It includes many more search tips, and information for programmers who want to include Google search results in their applications. As you explore what Google can do, you will probably discover that Google feels like more than just a Web site.

In fact, Google is your friend.

Billy Mabray and his wife, Angela, own Smart Goat, a local software development and web design business. They are members of the OKCPCUG. Comments or questions on the article are welcome and can be addressed to: [billy@smartgoat.com](mailto:billy@smartgoat.com).

*There is no restriction against any non-profit group using this article as long as it is kept in context with proper credit given the author. The Editorial Committee of the Association of Personal Computer User Groups (APCUG), an international organization of which this group is a member, brings this article to you.*

## Lessons From Iain SCUG's Webmaster



*Having trouble logging on to the SCUG site, uploading a file, or searching for a certain Shareware? Well now you are in good hands. Have your questions ready! SCUG Website questions that is. Pierre is going to set aside some time, at the General Meetings, whereby Iain will be ready to answer questions pertaining to [www.scug.ca](http://www.scug.ca)*

### Custom URL Shortcut Icons Lost

Compiled by Ron Ingraham,  
Space Coast PC Users Group

I put shortcuts to some of my favorite Web pages in the Quick Launch area of the taskbar. Initially, each icon was different. The Yahoo! icon was a red Y!, for instance. I didn't choose the icons; they were the icons that appeared when I dragged the URL out of the address bar. Now all the icons have reverted to plain IE icons, so the only way I can distinguish among them is by remembering the position of each icon or by waiting for the ToolTip to appear. I've tried deleting the icons and making new ones, but that didn't work. Is there a way to get the original icons back and keep them from disappearing?

When you add a Web site to your Favorites list, Internet Explorer checks to see whether the site has a favicon defined. If so, IE displays the favicon next to the item in the Favorites menu. IE does the same when you drag and drop a URL to create a shortcut. The icons, however, are stored with your temporary Internet files. If you clear the cache or if the icons are pushed out by newer files, you lose them. To get around this problem, you can create a local copy of each icon and associate it with the shortcut.

The easiest way for a Web site to define a favicon to include a file named Favicon.ico in the root folder. For example, type [www.yahoo.com/favicon.ico](http://www.yahoo.com/favicon.ico) in your browser's address bar and you'll see that red Y! icon. Right-click on it and choose Save Picture As from the drop-down menu to save a copy. Right-click on the shortcut and choose Change icon to connect the local copy to the shortcut. You'll only have to do this once for each shortcut. Keep in mind that some Web sites define favicons using a different technique, one that doesn't lend itself to downloading them manually.

You could also use PC Magazine's utility FavOrg ([www.pcmag.com/utilities](http://www.pcmag.com/utilities)) to make local copies of your Favorites icons automatically. As an extra benefit, the utility will identify any that are no longer valid links. After making local copies, drag a new copy of each link from the Favorites menu to the Quick Launch toolbar.

To visit the Space Coast User Group's site go here: [www.scpcug.com](http://www.scpcug.com)



**TIP**

### Microsoft Windows

#### Shordut Keys

Can we ever get enough tips?

*At one time, only high-speed gamers used the secrets of MS keying, but with more people using laptops the use of shortcut keys is growing.*

<http://www.computerhope.com/shortcut.htm#2>

**Alt + Tab** Switch between open applications.

**Alt + Shift + Tab** Switch backwards between open applications.

**Alt + Print Screen** Create a screen shot only for the program you are currently in.

**Ctrl + Esc** Bring Up start button.

**Alt + Esc** Switch Between open applications on taskbar

**F2** Renames selected Icon

**F3** Starts find from desktop

**F4** Opens the drive selection when browsing.

**F5** Refresh Contents

**Alt + F4** Closes Current open program.

**Ctrl + F4** Closes Window in Program

**Ctrl + (the '+' key on the keypad)** Automatically adjust the width's of all the columns in Windows explorer

**Alt + Enter** Opens properties window of Selected icon or program.

**Shift + F10** Simulates right click on selected item.

**Shift + Del** Delete programs/files without throwing into the recycle bin.

**Holding Shift** Boot safe mode or by pass system files.

**Holding Shift** When putting in an audio CD will prevent CD Player from playing.

**WINKEY + D** Minimizes all windows and returns the user to the desktop.

**WINKEY + M** Minimizes all windows.

**WINKEY + SHIFT + M** Undo the minimize.

**WINKEY + E** Open Microsoft Explorer.

**WINKEY + Tab** Cycle through open programs through the taskbar.

**WINKEY + F** Display the Windows Search / Find feature.

**WINKEY + CTRL + F** Display the search for computers window.

**WINKEY + F1** Display the Microsoft Windows help.

**WINKEY + R** Open the run window.

**WINKEY + Pause / Break key** Open the system properties window.

**WINKEY + U** Open Utility Manager.

**WINKEY + L** Lock the computer (Windows XP and above only).

## The History of the @ Sign

from www.webopedia.com

"In 1972, Ray Tomlinson sent the first electronic message, now known as e-mail, using the @ symbol to indicate the location or institution of the e-mail recipient. Tomlinson, using a Model 33 Teletype device, understood that he needed to use a symbol that would not appear in anyone's name so that there was no confusion. The logical choice for Tomlinson was the "at sign," both because it was unlikely to appear in anyone's name and also because it represented the word "at," as in a particular user is sitting @ this specific computer.

However, before the symbol became a standard key on typewriter keyboards in the 1880s and a standard on QWERTY keyboards in the 1940s, the @ sign had a long if somewhat sketchy history of use throughout the world. Linguists are divided as to when the symbol first appeared. Some argue that the symbol dates back to the 6th or 7th centuries when Latin scribes adapted the symbol from the Latin word ad, meaning at, to or toward. The scribes, in an attempt to simplify the amount of pen strokes they were using, created the ligature (combination of two or more letters) by exaggerating the upstroke of the letter "d" and curving it to the left over the "a."

Other linguists will argue that the @ sign is a more recent development, appearing sometime in the 18th century as a symbol used in commerce to indicate price per unit, as in 2 chickens @ 10 pence. While these theories are largely speculative, in 2000 Giorgio Stabile, a professor of the history of science at La Sapienza University in Italy, discovered some original 14th-century documents clearly marked with the @ sign to indicate a measure of quantity - the amphora, meaning jar. The amphora was a standardized terra cotta vessel used to carry wine and grain among merchants, and, according to Stabile, the use of the @ symbol ( the upper-case "A" embellished in the typical Florentine script) in trade led to its contemporary meaning of "at the price of."

While in the English language, @ is referred to as the "at sign," other countries have different names for the symbol that is now so commonly used in e-mail transmissions throughout the world. Many of these countries associate the symbol with either food or animal names."

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## Mark Your Calendars Now for HOBBYFEST

Even if you cannot help out, simply drop by and say hi to your fellow companion computer users.

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### TIP

TID BIT: In past times if it were necessary to remotely coach someone thru tricky instructions, it was found useful to be able to print a succession of screen contents and add notes so it was like following a manual in WYSIWYG (What you see is what you get). For example...

1. Open a new or existing word.doc or powerpoint.ppt, position cursor for an point of insertion, then minimize. Bring up required screen content in any other program. Then toggle "Cnrl + Alt + Print Screen" by holding all three down in that order. This captures screen content to the Clipboard.
2. Restore .doc or .ppt and "Paste" (contents of Clipboard). Re-size the image accordingly, add notes as appropriate - arrows, text boxes etc to emphasize procedure. ...Submitted by Rich Dolby, a member of SCUG.

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## SCUG 2004 Annual Elections

*Why not stand for nomination tonight?  
This computer club can only survive if  
some of you start volunteering for posi-  
tions on the executive. SCUG needs you.*

**President:** The president is to chair all regular and executive meetings. The president shall receive correspondence to the club and report on matters arising to the membership. Where replies to such correspondence are indicated, the president will execute same. The president shall prepare agendas for general and executive meetings. The president will liaise with other user groups, media, manufacturers/distributors as appropriate and with organizations able to provide speakers for the general meetings.

**Vice-President:** The role of the vice-president will be to assume the duties of the president if the president is unable to fulfill them and to assist the president in any and all of the president's duties as directed by the president. The vice-president is responsible for a committee of executive support persons who may be required to manage special functions such as monthly door prize drawings, elections and meeting set-ups.

**Secretary:** The secretary's role is to record, distribute and archive minutes of all meetings, both of the general membership and of the executive. Minutes of the executive meetings must be readily available to the editor of the newsletter for publication in the next newsletter. The secretary will record and archive all correspondence.

**Membership Secretary:** She/he greets guests and new members explaining the benefits of joining the club and keeps a one year record of guest passes issued. The membership secretary maintains a current database on the members containing names, dates, phone numbers, renewal dates and computer information required by the executive. The necessary lists and labels needed by the membership are produced from this database. The membership Secretary also keeps an e-mail list of all members and sends out information to the club members as needed.

**Treasurer:** The treasurer's role is to assume responsibility for the receipt and disbursement of all monies as directed by the executive. The treasurer has the authority to pay any true debts of the S.C.U.G. as they become due and shall have joint receipt signing

authority with either the president or vice-president (at the direction of the president). The treasurer will also be responsible for preparing an annual budget. The treasurer should keep a ledger to show all expenses and income and provide a monthly statement, which should show the date of report, balance on hand, current balance and year to date expenses and receipts. These records should be kept for seven years. At each monthly meeting the treasurer will provide a receipt for membership dues, to each person, when the fees are paid. The funds received from the compuprize draw, shareware sales, sales of coffee/donuts and any other monetary venture will be turned over to the treasurer for deposit into the SCUG account.

**Shareware Librarian:** The software librarian will prepare, test and demonstrate shareware which is provided to members either free or at nominal cost at the general meetings as well as maintain the S.C.U.G. library.

**Newsletter Editor:** The newsletter editor will produce and distribute to the general membership of S.C.U.G., a monthly newsletter containing all information pertinent to the functioning of S.C.U.G. (e.g. minutes of the most recent executive meeting, treasurer's financial summary, etc.). This may also contain other items of interest to the membership.


**Public Relations Editor:** The public relations editor's role is to prepare and place all advertising required by the executive. The public relations editor will maintain a current list of all pertinent media contacts and deadlines.

**Program Coordinator:** The program coordinator is responsible for collecting feedback and providing direction to the executive for the continuous improvement of both general and S.I.G. meeting content. In fulfilling these duties, the program coordinator will be expected to attend no less than one third of all S.I.G. meetings and no less than two thirds of all general and executive meetings. Requests for the formation of new S.I.G.'s and/or suggestions for special activities or excursions will be received by this member of the executive. With the approval of the executive, the program coordinator may oversee the formation of new S.I.G.'s or of committees to lead special activities. Liaison between all S.I.G.'s and ad hoc committees and the executive occurs through the program coordinator. Note: The program coordinator is not responsible for the planning of programs; but for the collection of feedback for those who do.



**SCUG MEETINGS**  
**2004**  
**GUESTS Welcomed - Bring a friend...**  
**www.scug.ca**

	Jun	Aug	Sep	Oct	Nov	Dec
<b>Executive</b>	31st	30th		4th	1st/29th	
<b>Digital</b>	2nd		1st	6th	3rd	1st
<b>Genealogy</b>	14th		13th	11th?	8th	13th
<b>Windows</b>	17th		16th	21st	18th	16th
<b>General</b>	30th		29th	27th	24th	



\* Exec and Digital meetings at St James Church-140 Lansdowne North (corner of Lansdown and Athlone)  
 \* Genealogy meetings are held at Ebtech 559 Exmouth  
 \* Windows meeting are held at Grace United Church, 990 Cathcart  
 \* General Meetings are held at St. Bartholmew,s Church, 718 Cathcart Blvd.

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*The SCUG "Sign In Desk" is always a busy spot before meetings for members and executives.*