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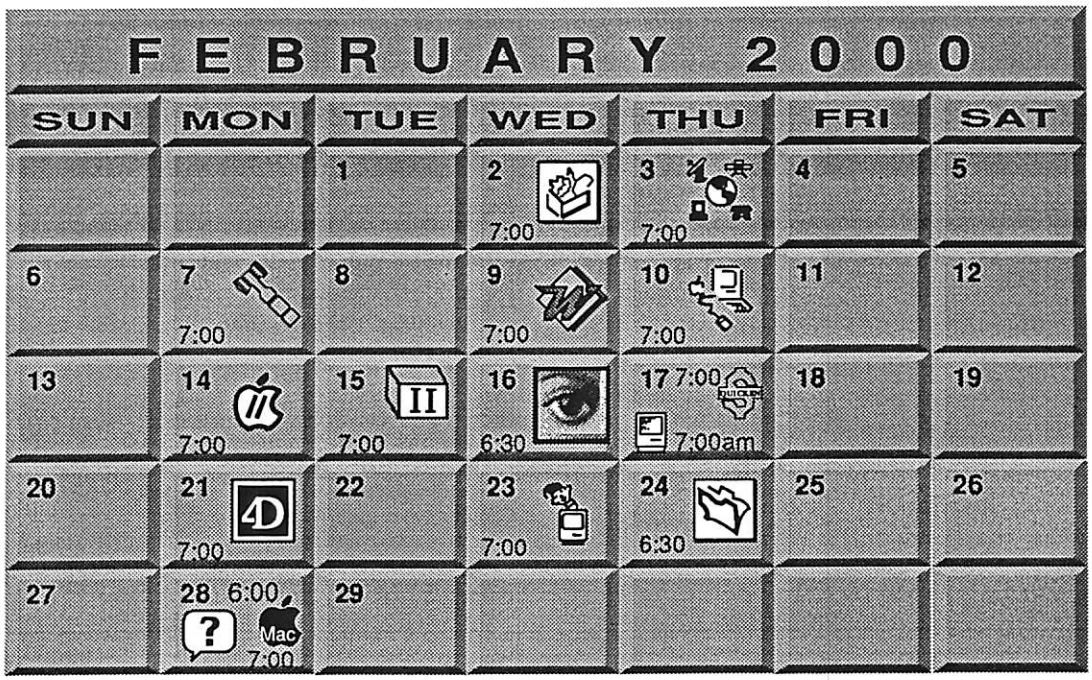
Volume 23, Issue 2

mini'app'les newsletter

the minnesota apple computer users' group, inc.



2 **AppleWorks / ClarisWorks SIG**
Washburn Library;
5244 Lyndale Ave S. Mpls
John Hunkins, Jr., 651-457-8949

3 **Telecommunications SIG**
Epiphany Lutheran Church
1414 East 48th Street S, Mpls
Bert Persson, 612-861-9578

7 **Board of Directors**
mini'app'les members welcome.
Byerly's
7171 France Ave. S., Edina
Lisa Huston, 612-825-1245

9 **Microsoft Word SIG**
2850 Metro Drive Rm 124,
Bloomington
Tom Ostertag, D 612-951-5520 E 651-488-9979

10 **Macintosh Main**
Washburn Library;
5244 Lyndale Ave S. Mpls,
Denis Diekhoff,
612-920-2437

14 **Apple II/GS Main SIG**
CANCELLED

Tom Gates,612-789-6981

15 **Apple II Novice SIG**
New Brighton Family Ctr
400 10th St N.W.,New Brighton
Tom Gates, 612-789-6981

16 **Photoshop-Digital Imaging**
First Tech,
2640 Hennepin Avenue., Mpls.
Gary Eckhardt, 612-944-5446

17 **Macintosh Consultants SIG**
Embers
7525 Wayzata Blvd
St. Louis Park
Bob Demeules, 612-559-1124

17 **Quicken/Investment SIG**
2850 Metro Drive, Rm 124
Bloomington
Dale Strand, 612-835-5872

21 **Fourth Dimension SIG**
8200 Humbolt Ave South
2nd Flr. Conference Rm.
Bloomington
David Ringsmuth, 612-853-3024

23 **Macintosh / Programming SIG**
Washburn Library
5244 Lyndale Avenue S, Mpls
Andre Benassi, 612-502-0187

24 **FileMaker Pro SIG**
Partners, Suite 5
1410 Energy Park Drive, St Paul Steve Wilmes, 651-458-1513

28 **Macintosh Novice SIG**
Merriam Park Library
Marshall & Fairview, St Paul
Richard Becker, 612-870-0659

28 **Meet Your iMac / Mac SIG**
Merriam Park Library
Marshall & Fairview, St Paul
Brian Bantz, 612-956-9814

mini'app'les

The Minnesota Apple Computer Users' Group, Inc.
P.O. Box 796, Hopkins, MN 55343

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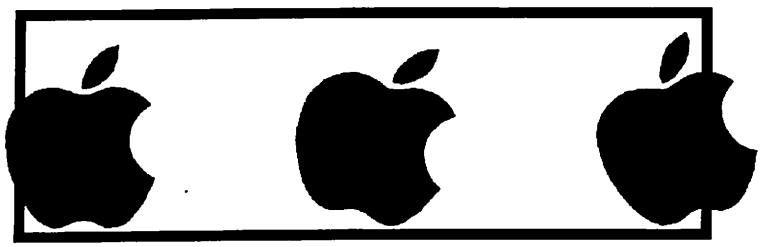

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Newsletter Contributions – Please send contributions directly to our Post Office, Box 796, Hopkins, MN 55343 or upload them to our BBS at 612-595-9404.

Deadline for material for the next newsletter is the 1st of the month. An article will be printed when space permits and, if in the opinion of the Newsletter Editor or Manager, it constitutes material suitable for publication.

Editor/Publisher: Tom Ostertag 651-488-9979

Newsletter Layout: John Pruski 612-938-2818

mini'app'les BBS – 612-595-9404, (co-located on Twin City Interlink BBS), 24 hrs. Settings: 8-1-0. Call in with FirstClass® Client software or any text-based terminal program.

mini'app'les Voice Mail – 651-229-6952

mini'app'les WWW site: http://www.miniapples.org

mini'app'les e-mail: miniapples_info@tcilink.com

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CHANGE OF ADDRESS

Moving? Going to be away from home and leaving a forwarding address with the Post Office? Please send us a Change of Address when you are informing others. By using a moment of your time and a few cents to drop us a card, you save the club some money and you get your newsletter delivered promptly to your new address. If you don't inform us, the Post Office puts your newsletter in the trash (they don't forward third class mail) and charges the club for informing us of your new address. Change of Address should be sent to the club's mailing address: mini'app'les, Attn: Membership Director, Box 796, Hopkins, MN 55343.

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March 2000 Preview

Here is the tentative calendar of our Special Interest Group (SIG) meetings for March 2000. Please pencil these events on your calendar. As always, when doubtful of a SIG date, time, or location, confirm with one of the following:

- Our BBS, the Calendar Folder in the Conferences Folder
- Our Voice Mail Telephone number: 651-229-6952
- The cognizant SIG Leader

Wednesday	March 1	AppleWorks nee ClarisWorks SIG
Thursday	March 2	Telecom SIG
Saturday	March 4	Annual Mini'app'les Meeting
Monday	March 6	Board of Directors meeting
Wednesday	March 8	Microsoft Word SIG
Thursday	March 9	MacintoshMain SIG
Monday	March 13	Apple II/GS Main SIG (Cancelled)
Wednesday	March 15	PhotoShop / Digital Imaging SIG
Thursday	March 16	Macintosh Consultants
Thursday	March 16	Quicken / Investing SIG
Monday	March 20	Fourth Dimension SIG
Tuesday	March 21	Apple II Novice SIG
Wednesday	March 22	Macintosh Programming SIG
Thursday	March 23	FileMaker Pro SIG
Monday	March 27	Meet Your iMac SIG
Monday	March 27	Macintosh Novice SIG

Members Helping Members

Need Help? Have a question the manual doesn't answer? Members Helping Members is a group of volunteers who have generously agreed to help. They are just a phone (or an e-mail) away. Please call only during the appropriate times, if you are a member, and own the software in question.

Apple II / IIGS Software & Hardware	1, 5, 8, 15
ClarisDraw	2
AppleWorks / ClarisWorks	7, 8, 9
FileMaker Pro	
FirstClass	
HyperCard	11
MacWrite Pro	
Microsoft Excel	2, 5, 6
Microsoft Word	5
MYOB	6
PhotoShop	3, 14
Quicken	2, 6
QuickBooks and QuickBooks Pro	6
Mac OS 7	8
Mac OS 8	12
WordPerfect	4
Cross-Platform File Transfer	5
Networks	11
New Users	10, 11
PowerBooks	11
Classic Macs	11
Power PC 601 Power Macs	
iMacs	13

1.	Les Anderson	651-735-3953	DEW
2.	Mike Carlson	218-387-2257	D
3.	Eric Jacobson	651-645-6264	D
4.	Nick Ludwig	612-593-7410	DEW
5.	Tom Ostertag	651-488-9979	EW
6.	Ardie Predweshny	612-823-6713	DEW
7.	Owen Strand	612-427-2868	D
8.	Bruce Thompson	612-546-1088	EW
9.	Pam Lienke	651-457-6026	EW
10.	Tom Lufkin	651-698-6523	EW
11.	Ben Stallings	612-870-4584	DEW
12.	Chuck Hauge	651-292-9029	D
13.	Rodney O. Lain	651-452-5821	EW
14.	Gary Eckhardt	612-944-5446	EW
15	Michael Cummings-Steen	612-404-1066	EW

D: Days, generally 9 a.m. to 5 p.m.
E: Evenings, generally 5 p.m. to 9 p.m.
W: Weekends, generally 1 p.m. to 9 p.m.

Please call at reasonable hours, and ask if it is a convenient time for them. By the way, many of these volunteers can also be contacted on our BBS. We appreciate your cooperation.

If you would like to be a Members Helping Member volunteer, please send an e-mail message to John Pruski on our BBS, or call him at 612-938-2818, with your name, telephone number, contact hours, and the software or hardware areas you are willing to help others.

Newsletter Ad Rates

1/12 page ..... 2.25" Width x 2.5" Height..... $5
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1/3 page.... 2.5" Width x 10" Height Vert or 5.5 H.. $20
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2/3 page..... 5" Width x 10" Height (save 7%).... $40
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Phone inquiries to: John Pruski, 612-938-2818

New Macintosh Programmer SIG leader

Submitted by Andre Benassi

As the new Macintosh Programmer SIG leader, I would like to say hello to all Mini'app'les members. I am a recent graduate of the University of Minnesota, Twin Cities, and have been an Apple user since the Apple //e. I have experience programming C++, C, Visual Basic, and good old Apple Basic. I have no experience programming a Macintosh. Therefore it is your perfect opportunity to get into Mac programming!

"Well that's ludicrous!" you say. "Why would I want to go to a meeting to learn to program if the people running it don't know how to program themselves?" That is just the point. We are all learning to program at the same time. I myself will not likely give many lectures about Macintosh programming. But even in the month since I have taken over the group, I have already made several industry contacts, tried and true Macintosh programmers, who are willing and excited to come and give us beginners some lessons. I even have contacted a former Apple employee who was a lead programmer on the QuickDrawGX project, in addition to others. Since we are all beginners, I can basically assure you that the material will all be beginner programmer level, at least for the first few months or so.

My dream is to make the Mac Programmers' SIG a place where newbies can come and feel free to ask questions, while the local Mac programming community can come to talk about issues, work out bugs, and do everything else us Macophiles do. There never was a better time to get involved than right now. We will meet Wednesday, January 26 at 7:00 p.m. in the Washburn Library. For more information, email me at abenassi@uswest.net, or visit our website at http://www.miniapples.org/. Happy programming!

Apple eNews January 13, 2000 Volume 3, Issue 2

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1. The Creme de la Creme of the Mac World

Every year, the editors of Macworld make a list of the "products that make using your Mac easier, let you do your job more effectively, or simply give you freedom you never had before."
We are very pleased that Macworld editors this year chose to recognize iMac DV (Hardware Product of the Year), QuickTime (Technology of the Year), and Jonathan Ive and his design team (Distinguished Achievement Award) as "World Class Award" winners in their 1999 Editors' Choice Awards. In the product categories, Macworld also recognized the 21" Apple Studio Display as the winner and the 17" Apple Studio Display as one of the runners-up in the Display category and named Final Cut Pro 1.0.1 a runner-up in the important Digital-Video Software category. Your favorite hardware and software products are likely among the stellar list of winners, and we encourage you to read what Macworld editors had to say about each of the winning products:

http://macworld.zdnet.com/2000/03/features/1999eddys.html

2. Canon Bullish on Mac

Canon not only exhibited one of the coolest products at the Macworld Expo--the CanoScan FB 630Ui Scanner, a USB flatbed scanner that's about 1.5 inches tall, can capture over 68 billion colors in a single pass, and has to be seen to be believed. The company also announced a string of new peripheral products for the Mac, including multifunction printers and two new Bubble Jet printers:

http://www.mac.canon.com

Canon also announced that it has developed a series of software products for the Mac, including Canon Photo, Canon Photo Gold, OfficeReady, and OfficeReady Professional:

http://www.software.canon.com/csp-news/pr11.htm

But that's not all. Canon has also just introduced the world's first 3.3 megapixel digital still camera. And with its built-in support for USB, the PowerShot S20 is an ideal companion for any of us who'd like to bring digital still photographs into our Macintosh computers and onto the web:

http://powershot.com/powershot2/s20/press.html

3. Digital Movies Bring You This Close to the Mountain Gorilla

At the Bronx Zoo, Macintosh kiosks allow you not only to watch incredible footage of the endangered mountain gorilla in the wild but to experience daily life through the eyes of a silverback, an adult female, or a baby gorilla.
To find out how Cybermedia Interactive's David Gare used Final Cut Pro on a Power Macintosh computer to edit and render video footage provided by National Geographic and the BBC, visit:

http://www.apple.com/mediaarts/0301/edit/

4. Now Optimized for the Velocity Engine: Final Cut Pro 1.2

Making professional desktop movies just got easier. With the release of Final Cut Pro 1.2.Available at all authorized Apple resellers around the

world, Final Cut Pro 1.2 supports Mac OS 9; imports Macromedia Flash files; offers new audio reverb filters, PAL support, improved batchrendering, and faster digital video encoding and decoding. It comes in three new languages--French, German, and Japanese--and comes with three complimentary software programs worth about $1,000. Best of all, it's fast, delivering twice the rendering performance of earlier versions on Power Macintosh G3 computers. And because Final Cut Pro 1.2 has been optimized for the PowerPC G4 processor's Velocity Engine, those using a Power Mac G4 to create desktop movies will enjoy video rendering performance up to three times faster. You'll find more information at:

http://www.apple.com/finalcutpro/

5. PowerBook G3 Helps Archaeologists at Digs

Newly unearthed and exposed to the elements for the first time in millennia, ancient artifacts face a precarious future. Should they melt in the rain, blow away in the wind, or crack in the heat of the day, valuable information about our past as a species and culture could be lost forever. That's why the team of archaeologists working the dig at a 4,500-year-old housing project in northern Syria rely on their PowerBook G3 computers. Fast and powerful, PowerBook computers allow the team to perform photo imaging, data collection, and data interpretation at the point of the find, permitting them to perform "a type of modeling in the field" that allows them to survey the site to a degree not previously feasible and "to preserve as much information as possible."

http://www.apple.com/hotnews/features/archaeos/

6. Special Educational Deals

Perhaps you'd like to build a Mobile Classroom (consisting of 5 iBook computers, an iMac DV SE, an AirPort Base Station, 6 AirPort Cards, and more). You may want to make a volume purchase of Mac OS 9 for your school or division, so that everyone can take advantage of iTools, Apple's new suite of Internet services. Or maybe you're looking for a great deal on an iMac DV and Canon Ultura Mini-DV Camcorder to use at home or in your classroom.
Then don't forget to check out the special promotions we currently have available (for eligible individuals and institutions) on our education websites:

http://www.apple.com/education/k12/promos/index.html
- and -http://www.apple.com/education/hed/promos/index.html

7. Technically Speaking...

You may not have noticed (what with all of the Y2K excitement), but over the last couple of weeks, we've posted quite a number of important software updates to our Apple Software Updates website.
There's FireWire 2.2.2, for example, which is designed to improve the performance of FireWire for those hot-plugging FireWire hard drives or exporting video footage from an iMac DV or iMac DV Special Edition to a digital camcorder. We also posted Automatic Update Software 1.1, which speeds the process of downloading software updates over the Internet (for Mac OS 9 users). And you'll find Mac OS 9 Audio Update 1.1, which provides support for the iSub speaker (for iMac DV models) and provides improved USB audio support for those using Mac OS 9. To see these and other recent software updates, click on the Recent Changes button at the following page:

http://www.apple.com/swupdates/

8. Nike Breaks Advertising Ground, Makes QuickTime Connection

It's happening just two days from now. On January 15, during the AFC and NFC divisional playoffs, Nike will initiate a new interactive ad campaign featuring Marion Jones, the world's fastest woman. You'll watch the start of the commercial during the football playoffs--running with her as she jogs around Venice Beach, CA. But the ad won't end on TV. Instead--and here's the interactive part--you'll be able to visit the web and choose the ending you'd like to see. There'll be seven endings to choose from, and you'll need QuickTime 4 to play.
To get a taste of the action, visit:

http://www.apple.com/quicktime/whatever/

9. Quick Takes

Thanks a Million. That's the message Imation delivered to those visiting its Macworld booth after shipping the one millionth USB SuperDisk drive for Macintosh computers:

http://www.imation.com/about/news/newsitem/0,1233,317,00.html

Advice for the severely Mac addicted Advice Columnist

Reposted from: Right On Mac January 17, 2000 Mac Widow:
macwidow@rightonmac.com

You may think you know everything there is to know about the Mac from Clarus the DogCow to iTools, but do you have a clue about your personal life? Mac users have a unique perspective on solutions to lifeÕs quandaries. I am here to share my experiences, discuss yours, and solicit advice from other Mac users.

This column will be something like a personal chat room/advice column for real life Mac addicts. If you're looking for advice from a Ph.D. or MD, then write to a print columnist or call a radio psychologist. He or she will be certain to give you the politically and professionally correct answers you're looking for.

Or you could trot your issues out on a TV talk show where your dirty laundry can be sold for ratings. But if you want to know how a real Mac woman would respond to your problems, and what other Mac users think, then send your questions to the Mac Widow.

I'll give you no holds barred advice on how to maintain the most important relationships in your life: your social ones, and the one with your Mac!

Now that I have your interest piqued, let me offer up some of my own dirt to get the ball rolling. I initially began to call myself the Mac Widow a year ago when my husbandÕs game controller was getting more strokes than I was. The only thing getting turned on in our house was his new Orb drive. Granted, I love the time I get to spend with my Powerbook 1400 [upgraded with a Newer G3 card, thank you very much], but I was hungry for some real human contact.

Here's what I tried:

1. Yada, yada, yada I tried all that "just talk to him," "tell him your feeeeelings" stuff. Yeah, like that was gonna work. The more I talked, the more attention his USB hub got. And I talked until I was blueberry in the face.

2. Sexy Banter Next I tried clever diversion tactics like bondi blue tassels. I even dressed myself up in nothing but the shipping carton for his G3 minitower. I hoped to entice him into checking out the hardware. It didn't work. That act was about as tired as an 800k floppy.

3. Dates to Microcenter and CompUSA At least we would have to talk in the car on the way. Silly me, I was hoping that since the CompUSA people can't ever be found in the Apple store-within-a-store, I might get lucky behind some iMac boxes (they're always tucked away in a dark corner!) Strike three. The only people who got lucky were the Macophytes who asked my husband about Apple Talk and Ethernet. At this point I was convinced the Mac had widowed meÉ and thus the moniker 'Mac Widow.' If I didnÕt love my 1400 so much, I might have pulled the plug on his G3. But that would have been like pulling the plug on us. To this point I've tried talking, sexy banter, and luring him with Mac products. WhatÕs a girl to do? "If you canÕt beat 'em, join Õem." I decided to merge his passion for the Mac OS with my passion for him.

Here are some things that have helped: vacations at Macworld (no mouse ears, but plenty of scrolling mice), dinner debates over GUI's, and to get things started, some randy chat room foreplay. ItÕs helping, but IÕd love to hear your advice. I look forward to your participation in the weeks ahead. I'll be here with a fresh column each Monday! I'll post your questions, along with my solutions, and advice from other readers. Stay sane! The Mac Widow Submit questions to:

Appleworks 6

(from MacInTouch, 1/7/00)
Submitted by John Pruski

AppleWorks 6 for Mac is scheduled to ship in a February 2000, with the Windows version to ship in late spring or early summer. Some time after launch, Apple will start pre-loading it on iMacs and iBooks. The retail price has dropped from $99 to $79. The education price will be $39. No upgrade discounts will be offered.

The AppleWorks interface has definitely been showing its age, but its new look is as cheery and colorful as everything else Apple has been designing recently. Tools, windows and the button bar all have been updated. A new Starting Points window is used to launch any of the modules, call up recently-used documents, select a template for a new document or publish documents directly to the web.

AppleWorks 6 supports Mac OS Navigation Services, and in preparation for Mac OS X, AppleWorks has been "Carbonized," meaning it should be able to take advantage of Mac OS X features and the Aqua interface as soon as Mac OS X arrives. This already shows in small ways, such as live, translucent dragging of the Starting Points window.
The old ClarisWorks communications module has been removed with AppleWorks 6.

Presentation

The new Presentation module allows the creation of slide shows from one of the templates provided or from scratch. Imported graphics and QuickTime movies can be included and so can content from the word processing, drawing, painting, table or spreadsheet modules.

Table Tool

Creating tables in AppleWorks no longer requires building a spreadsheet. Tables created with the Table Tool can easily be incorporated into other documents.

Compatibility

AppleWorks 6 can save any document except a Presentation as an AppleWorks 5 or 4 document. Until the Windows version is available, AppleWorks 6 users will have to save their files as AppleWorks 5 documents before giving them to Windows AppleWorks users.

Other New Features

The mail merge feature has streamlined, and the ability to merge to single or multiple files has been added. Previously mail merges could only be done directly to a printer.

Auto-Save protects against data loss caused by power outages or crashes.

The clip art library offers more than 25,000 line art images (in resizable, vector format). More than 50 fonts from ITC also are included.

Inter-spreadsheet referencing has been added, offering the ability to link a cell in one spreadsheet to another spreadsheet.

Custom graphics libraries called "clippings" can be local or shared with other users via a web or ftp server. PICT, JPG, GIF, EPS and PDF formats are all supported now.

Looking for Midwinter Madness ?

Submitted by Bert Persson

Around this time of year there has always been a watering hole for us frugal shoppers, namely the annual Midwinter Madness Ham and Computer Expo at the National Sports Center in Blaine. However, this year I haven't seen any advertisements or received any information by calling the Sports Center or the sponsors of this event. the only thing they mentioned was that it may be held in April, just like last year.
If any of you bargain-hunters out there get word of when this event will be held, let the newsletter staff know. Thanks

Ongoing Deals for Mini'app'les Members

Submitted by Tom Gates and Bert Persson

The following businesses have agreed to provide ongoing discounts to members of mini'app'les. When you contact these companies, please identify yourself as a member of mini'app'les to qualify for these discounts. For questions related to these discount offers, please contact Tom Gates - (612) 789-1713 evenings and weekends.

Power Protection Products
Surge Protection strips, Battery backups, line conditioners, etc. Contact Keith Kalenda at Business Security Products (612) 789-1190. 1/3 off APC SurgeArrest line of products 25% off APC BackUPS, SmartUPS and related products.

CartridgeCare, Inc.
CartridgeCare, Inc. of Roseville is offering Mini'app'les members an additional $5.00 off the cost of laser printer cartridges. They handle supplies for, and do repair work on equipment from a number of manufacturers. For example: Apple, Canon, HP, IBM, Epson, Sharp, Brother, Panasonic, Okidata, Minolta, to name a few. They also provide free next-day delivery and core pickup in the metro area.
For additional information about the user group discount and other services, contact CartridgeCare at (612) 331-7757.

Macmillan Publishing/Peachpit Press
Once again we are offering a 40 % discount on Peach Pit Press and MacMillan family of book companies (Hayden, Adobe Press, Que, Sams, Brady, NRP, and Alpha). Contact person for Peach Pit Press is Keary Olson, he can be contacted at SIG meetings or on our BBS (home phone 724-0031). In order for our members to receive the 40% discount, Peach Pit Press requires that a number of books be orderd at the same time. Therefore please allow at least 4-8 weeks when ordering books from Peach Pit Press. Minnesota sales tax and a $ 0.50 shipping charge will be applied to each book ordered. The 40% off MacMillan book offer can be applied on individual purchases plus Minnesota sales tax and a s/h charge. Use the mini'app'les account number # 10782880 -when ordering.Ω
MacMillan Publishing produces frequent listings of new titles that have been added to their catalog. Mini'app'les will attempt to have these available on the BBS in addition to the catalogs.

mini'app'les Gaming Group (mGG) Wants You!

Submitted By Dave Peck

You have a new iMac? They make for great gaming machines. Intrepid mini'app'les warriors are meeting on a regular basis for fun and socializing. Our interest is networkable Mac games. We are always looking for others who would like to participate. Finishing a game solo might make you feel like King of the Hill. But there is nothing as challenging or fun as human competition.

The mGG meets about once a month. To put your new iMac or G3/4 through it's paces, drop a note on the mini'app'les BBS or call me at (651)423-5711. We look forward to hearing from you!

Jobs is permanent Apple CEO

Submitted by Bruce Thompson & Les C. Anderson

ASSOCIATED PRESS
SAN FRANCISCO

Capping his remarkable two-year leadership of Apple Computer Inc., chief executive Steve Jobs dropped "interim" from his title on Wednesday and unveiled new Internet services and the next generation of his company's operating system.

Apple also announced a $200 million investment in EarthLink, an Internet service provider that will work with Apple to bring new online features to computer users.

Jobs' decision to become permanent sent a strong signal to the Macintosh and investor community of his commitment to keeping Apple's recovery on track. Still, Jobs said he will continue in his unusual dual role he also heads Pixar Animation Studios, the hot studio that produced top-selling films including Toy Story and Toy Story 2.

The news, revealed during Jobs' keynote speech at the MacWorld trade show here, drew gasps and rock-concert level cheers from the crowd of Mac faithful.

"It's a sigh of relief to a lot of Mac enthusiasts," said Rafi Guroian, editor of the Macreactor.com gaming Web site. "There were a lot of questions going around about whether he would stay. And obviously we want him to stay."

Jobs co-founded Apple in 1976 and returned to run it in September 1997. He kept the title of interim chief executive even as he reversed several years of losses by introducing new computers and by slashing costs.

On Wednesday, Jobs introduced Internet services to Apple computer users through EarthLink. They include customized e-mail service for Macintosh users called mac.com, new ways to store files, an easy way to set up a personal Web site and a Web greeting card service.

Apple gets a seat on EarthLink's board as part of its $200 million investment.

Jobs also previewed the Macintosh OS X operating system, the next version of the software that runs the basic functions of Apple computers, saying it will be available later this year. Its colorful images include chic, translucent buttons and sliding screens, intended to make it easier to organize and work with computer programs and files.

Apple stock closed down 8 11/16.

Mini'app'les Annual Meeting

(A family event)

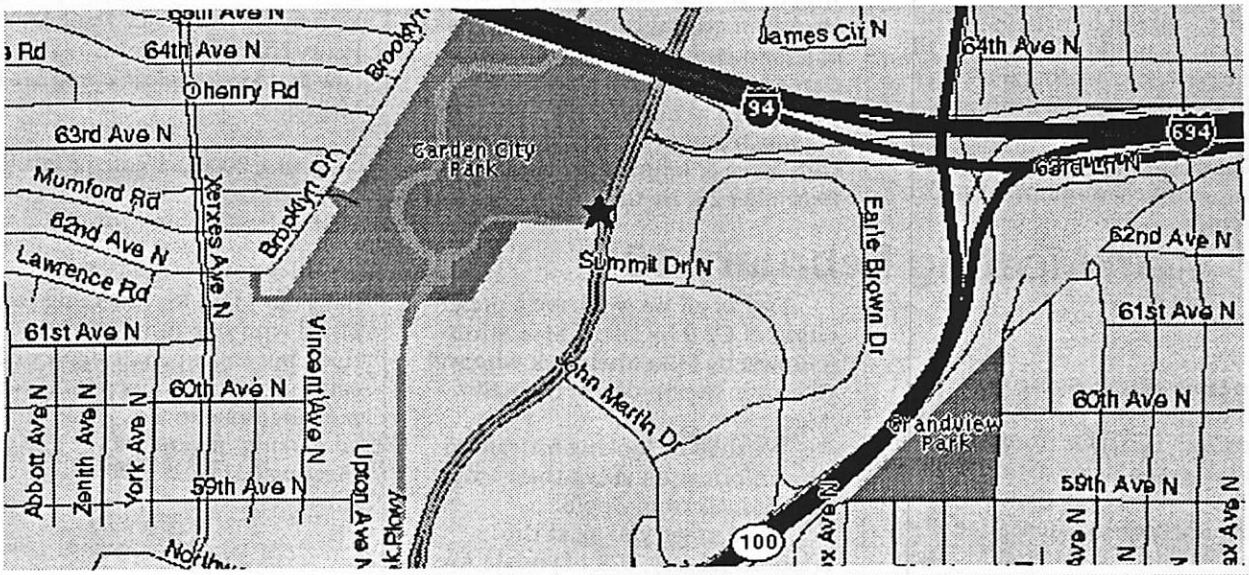
Our Annual Meeting is Scheduled for Saturday, March 4th, 2000. It will be held at the Brooklyn Center Community Ctr. 6301 Shingle Creek Pkwy, Brooklyn Ctr.

The meeting will be held in the Constitution Hall starting at 12:00 P.M. There will be a brief business meeting, introduction of board nominees, presentations, demonstrations and a pot luck dinner buffet.

A heated swimming pool and water slide adjoins the meeting room which you and your family members may use for a small fee.

The Club will also provide some food, refreshments, plates etc, so stay tuned for more details in the March newsletter.

In addition the mini'app'les Gaming Group may facilitate an ongoing war with the latest greatest games. For more information about gaming contact John Hunkins Jr (651-457-8949) for details. Hope to see you all there!!



Short Take: What ever happened to Don Crabb?

Reposted with kind permission from Rodney O'Neal Lain

1/20/2000 - By Rodney O'Neal Lain (rodneyo@macconnect.com)

Note: talk about scary timing. As soon as I'd published this article early this a.m., I began to receive e-mail concerning Dr. Crabb's whereabouts. The sad news on his condition follows the end of this article below... RL

I was going through some of my older columns last night, trying to archive them on my home page. That's when I noticed a column that I'd written a few months ago, titled "Say it ain't so: Apple to sell itself to highest bidder?" This column was written in response to Don Crabb's internet pontification that Apple was prepping itself to sell off the family jewels, the crown jewels and anything else of value.

For the uninitiated, the eminent Don Crabb is arguably the dean of Mac journalism, having at one time been known to put out a voluminous amount of regular columns and articles for several print- and internet Mac publications. He did all of this while holding a "day job" as a professor of computer science at the University of Chicago. He moonlights for high-profile publications like Mac Today, as well as on-line 'zines like Maccentral. On top of this, he has a popular radio show and a column for one of the Chicago newspapers. The last I'd read from him (other than his current Mac Today stuff), he was getting a big wrinkle between his eyebrows over a few bones of contention he had with the current Apple management, and he wrote from that perspective.

Some writers on the Mac web took umbrage at his critical commentary and responded with jihad-like articles like "Don Crabb is smoking crack." (I'm not kidding. Keep in mind that this was during Apple's recovery from the dark days of 1997-98 and every Mac user was in a collective siege mentality.) Hindsight shows that he had valid concerns and brought to the fore valid points that needed to be addressed. He asked hard questions. And then, suddenly — in my mind, anyway — I began to find fewer and fewer of his writings.

What happened, Don? I understand that you may have pared back you writing chores to make way for the things that really pay the bills, but we'd like to think that you keep abreast of the Mac community and computer industry. I, for one, valued your insights. I'd be interested to hear whether or not your concerns expressed back then have been allayed, or do you still stand by them...So, stick around, and let us know what's on your mind. Fini. Note: the following is posted on the web site for Dr. Crabb's radio show, "Crabb on Computers":

Don Crabb was supposed to get married on Saturday, December 4, but it didn't happen. He hadn't been feeling well for several weeks and, while preparing for the ceremony, he collapsed. It was discovered that he was suffering from a blood infection which had also lead to kidney failure. He was in critical condition for several days and remained in the Intensive Care Unit for about a week.

The good news is that Don is feeling much better. He talked on the air with Steve & Johnnie on Wednesday, December 29. He told them "I'm making a strong recovery." He's currently in a rehabilitation center undergoing dialysis as his kidneys return to their normal function (which they are doing). He's also going through physical therapy to regain strength after two weeks in a hospital bed.

Don told Steve & Johnnie that he is glad to be alive and he is grateful to the people at Good Samaritan Hospital for saving his life. He says he has lost a lot of weight and is feeling a lot healthier, and Steve & Johnnie agreed that Don sounded much better than he did even a week ago.

He hopes to be out of the hospital by the end of next week. Don is looking forward to getting back to work, but he's taking the advice of Janet (his fiancee) and making sure his health comes first.

We'll continue to keep you posted. In the meantime, you can send wishes to DonCrabb@wgnradio.com (although his e-mailbox is currently being overwhelmed) or, better yet, mail them to

Don Crabb, WGN Radio, 435 N Michigan Av, Chicago IL 60611.

Rodney O'Neal Lain
About This Author:
Rodney O. Lain is The iMac's Associate Editor. A former professor, he lives in St. Paul, MN. He is a free-lance writer and a supervisor at a major U. S. corporation He enjoys comic books and pencil drawing. He adores Mike Royko, Zora Hurston, Lewis Grizzard, Maya Angelou, John Byrne, bell hooks, Frank Miller and Henry Louis Gates. He also writes for Low End Mac, Applelinks and My Mac Magazine.

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Mac Main Meeting February 10

Submitted by Bert Persson

For the Main Mac meeting this month we have the privilege to have two product managers from Apple Computer give a presentation to our group.
1. OS 9 presented by Sheila Mae Annis: WW Mac OS Product Manager
2. The new iMac presented by Mike Shebanek: WW iMac Product Manager

First of all we will have a presentation of OS 9 by Sheila Mae Annis followed by Mike Shebanek who will give an in depth look of the new iMac.

We shall be looking forward to new information about these exciting products from Apple.

Hope to see you all at the Wasburn Library, 5244 Lyndale Ave So, Minneapolis. Remember to be there , 7:00 P.M. sharp.

We had originally planned to have our Main Mac meeting combined with our annual meeting at this time, but some people expressed concerns about the short notice, early meeting time on a weekday and limited parking. Therefore the annual meeting has been rescheduled as shown elsewhere in this newsletter.

February round of Demo Days looks for workers

By News Staff, Insanely Great Mac

Another round of Demo Days are being planned in select regional and national retailer locations for February. MarketSource is looking for Mac experts to work two weekends in February for four days. For your efforts, you may be paid $75/day. The scheduled Demo Days dates and times are as follows:

Saturday, February 5: 10 AM - 4 PM
Sunday, February 6: 11 AM - 5 PM
Saturday, February 12: 10 AM - 4 PM
Sunday, February 13: 11 AM - 5 PM

MarketSource notes two requirements for participation. Applicants must work all four dates and be either a Sears Retail representative or a former Apple Demo Day representative. Again, these dates are only planned for select cities, which are currently not available for review. For full information, paperwork and an application, visit the MarketSource web site.

http://apple.marketsource.com/demoday/
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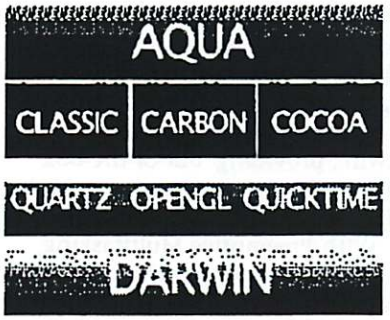
Inside Mac OS X

Core OS | Graphics | Aqua | Finder

From Apple.com
Submitted by John Pruski

Apple reasserts its leadership in operating systems with the next-generation OS for the Macintosh platform. We started out with two design goals for our new user interface: create an operating system that's appealing to look at, and make it a pleasure to use. And, as you can see, the pleasing Apple esthetic—the same design sensibility that gave the world the iMac, iBook, Power Mac G4 and PowerBook—inspires the Mac OS X interface. Mac OS X combines Quartz (based on the Internet-standard portable document format), QuickTime and OpenGL to give you the sharpest graphics ever seen on a personal computer. In fact, the quality of on-screen type alone reflects the attention that went into making Mac OS X the equal of its counterparts in the hardware space. An Easy Transition What of the future? Apple will not follow a disturbing industry trend and offer a confusing choice of multiple operating systems. Rather, Apple will orchestrate a smooth 12-month transition from Mac OS 9 to Mac OS X. To make the transition process as gentle as possible for customers, Apple will support three critical applications environments in Mac OS X. We call these three environments Classic, Carbon, and Cocoa. Classic lets you run all your existing Macintosh applications "as-is." Your old apps will run like they do on Mac OS 9, and won't take advantage of Mac OS X's state-of-the-art plumbing and the Aqua interface components. Carbon applications, on the other hand, are optimized to run on Mac OS X. They'll get the use of the modern carbon applications programming interface, all the great features of the Darwin core OS (like protected memory for crash-resistant computing and



pre-emptive multitasking for a more responsive system). And for the future, we've included Cocoa, an advanced object-oriented programming environment. Cocoa gives developers an attractive inducement—a whole new toolbox for building the best next-generation applications. Developers Pledge Support Not surprisingly, Mac OS X debuts with public pledges of support from more than 100 developers, including Adobe Systems, Microsoft, Quark, Macromedia, Palm Computing, id Software and many others. Together, we're taking everything you love about the Mac and making it better. Classic Continuity. Thanks to the Classic application environment, all existing Mac OS apps will run just fine on Mac OS X. You've Got Mail. Mac OS X includes a mail client taking advantage of the Cocoa object-oriented programming environment.

The cornerstone of the rock-solid foundation under the engaging new interface, Darwin represents the next generation in the evolution of modern operating systems. As you'll notice the moment you start using it, Mac OS X is not just another pretty face. Beneath the appealing, easy-to-use interface is a rock-solid foundation—an industrial-strength modern operating system engineered for stability, reliability and phenomenal performance. The core OS—called Darwin, because it represents the next generation in the evolution of modern operating systems—was built using open standards, and the open source software community contributed to its development. Darwin delivers the reliability and performance you'd expect from a modern operating system, ensuring users and developers the benefit of a high-quality, interoperable system. Mac OS X Is Unix-Savvy Mac OS X supports POSIX file system semantics and NFS file sharing, as well as standard services like telnet and FTP, allowing easy operability with UNIX systems and applications. The system's kernel, which does the heavy lifting to support all those rich applications, is based on Mach 3.0 from Carnegie-Mellon University and FreeBSD 3.2 (derived from the University of California at Berkeley's BSD 4.4-Lite), the most highly regarded core technologies from two of the most widely acclaimed OS projects of the modern era.

We also took the famous Apache web server—which runs over half the websites on the Internet—and made it friendly enough to use on your

desktop for personal file sharing. Faster, Standards Based Networking Darwin incorporates the time-tested BSD networking stack, the basis of the vast majority of TCP/IP implementations on the Internet today. In partnership with the Darwin open source community, we have extended it to also support the next-generation Internet Protocol IPv6.

We provide built-in support for PPP and IPsec, allowing users to securely access remote networks. We've also included full support for AppleTalk, to ensure smooth interoperability with existing Macintosh networks. Welcome to the Brave New World of Crash-Resistant Computing

Let's start with the notion of protected memory, and why it's so important. A reliable operating system should not only keep you operational, it should also protect your information from loss or corruption.

One of the ways an operating system ensures reliability is by protecting applications through a mechanism called protected memory (essentially walling off applications from each other). Darwin includes a modern, robust protected memory architecture that allocates a unique address space for each application or process running on the computer.

When applications are isolated in their own memory space, they can't interfere with each other if one goes bad. And, perhaps best of all, you don't need to restart your computer. The computer simply shuts down the offending application and its memory space, letting you continue on your merry way without interruption.

We Didn't Forget Virtual Memory Along with the protected memory mechanism, Darwin provides a super-efficient virtual memory manager to handle that protected memory space. So you no longer have to worry about how much memory an application like Photoshop needs to open large files. When an applications needs memory, the virtual memory manager automatically allocates precisely the amount of memory needed by the application—no more, and no less. The result? Out-of-memory messages are out of here. Open Source

Development—Another First from Apple Apple is the first major computer company to make open source development a key part of its ongoing software strategy. In 1999, Apple announced its participation in the open source community by releasing the source code to most of the core components of Mac OS X Server.

The core OS was quickly followed by new components like the Darwin Streaming Server, OpenPlay, and NetSprockets. By participating in the open source community, Apple partners with external developers to create leading- edge products and technologies for our users.

Advanced Device Support—the Macintosh Way Darwin includes a high-performance I/O subsystem for quickly moving large chunks of data from things like storage devices, printers, and digital video cameras.

This I/O subsystem also provides a concurrent capability for applications—meaning that multiple applications can access multiple devices simultaneously with minimal interference, for faster, more priority-driven data throughput.

Only we've implemented advanced device support the Macintosh way: the new I/O features build on the Macintosh tradition of plug-and-play ease of use by including built-in support for USB and Firewire, providing out-of-the-box connectivity for most of your peripheral devices.

With Preemptive Multitasking, Everything Happens at Once In today's fast-paced world, you rarely get to do one thing at a time. Even in the middle of transforming, say, a Photoshop file, you may need to find a crucial piece of information on the web while you compose an urgent reply to a customer. What you need is a computer that can handle several different tasks at once, giving priority to your primary application, but still crunching away at other jobs in the background.

Darwin makes this possible by incorporating a powerful concept called preemptive multitasking. It works like an air traffic controller, watching over your computer's processor—prioritizing tasks, making sure activity levels are at maximum, and ensuring that every task gets the resources it needs. Darwin sets processor priorities depending on the importance of the task. When something more important comes along, the controller prioritizes it over other tasks in the queue.

The Heart of the Matter Many of these features owe their strength to a key component of Darwin called the kernel. The kernel is the pivotal component in the operating system that handles most of the interaction between the operating system and the hardware. Mac OS X relies on the Mach 3.0 kernel, originally developed at Carnegie-Mellon University. The Mach kernel has been part of the open source community, undergoing continued development by leading computer scientists and evolving through the crucible of peer review for many years. Avadis Tevanian, Apple's Senior Vice President of Software Engineering, was part of the Mach development team at Carnegie-Mellon University, and he brings his years of experience and expertise to bear on the continuing evolution of the Mach kernel. Apple reasserts its leadership in operating systems with the next-generation OS for the Macintosh platform. We started out with two design goals for our new user interface: create an operating system that's appealing to look at, and make it a pleasure to use. And, as you can see, the pleasing Apple esthetic—the same design sensibility that gave the world the iMac, iBook, Power Mac G4 and PowerBook—inspires the Mac OS X interface. Mac OS X combines Quartz (based on the Internet-standard portable document format), QuickTime and OpenGL to give you the sharpest graphics ever seen on a personal computer. In fact, the quality of on-screen type alone reflects the attention that went into making Mac OS X the equal of its counterparts in the hardware space. An Easy Transition What of the future? Apple will not follow a disturbing industry trend and offer a confusing choice of multiple operating systems. Rather, Apple will orchestrate a smooth 12-month transition from Mac OS 9 to Mac OS X. To make the transition process as gentle as possible for customers, Apple will support three critical applications environments in Mac OS X. We call these three environments Classic, Carbon, and Cocoa. Classic lets you run all your existing Macintosh applications "as-is." Your old apps will run like they do on Mac OS 9, and won't take advantage of Mac OS X's state-of-the-art plumbing and the Aqua interface components. Carbon applications, on the other hand, are opti-

mini'app'les Handy Form

New & Renewing Members- Specify your level of support:

- ❑ Regular $25
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- ❑ Corporate $100

* must be a full-time student at an accredited institution

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Yes.. I'd like to join!

If this is a new membership or a renewal, please take a few minutes to fill out this questionniare

Which personal computer(s) do you use?

- ❑ Power Macintosh model(s) _____
- ❑ Macintosh model(s) _____
- ❑ Apple II model(s) _____
- ❑ Other _____

Please list the five software packages you use most often:

_____

_____

_____

_____

_____

What peripherals or attachments do you use?

- ❑ Printer
- ❑ Laser Printer
- ❑ Modem
- ❑ Scanner
- ❑ Digital Camera
- ❑ Drawing Tablet
- ❑ Voice Mail
- ❑ MIDI
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What are your areas of special interest?

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- ❑ Educational Applications
- ❑ Desktop Publishing
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- ❑ Games
- ❑ Other _____

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- ❑ Check if you want your name withheld from commercial and other non-club mailing lists
- ❑ Check if you are interested in volunteer opportunities
- ❑ Check if you were referred by a club member. Please give their name.

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				GRAND TOTAL	

Make Checks Payable to "mini'app'les"

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Mac System 7.0.1 (9 Disks):	$15.00	N.A.
GS/OS 6.0.1 (6 Disks):	$10.00	N.A.
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(Price Includes 6.5% MN Sales Tax)

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Last Fold – Seal with Tape

Attention:
□Membership Director
□Software Director

Mini'app'les
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Hopkins, MN 55343-0796

2nd fold

1st fold

Dear mini'app'les
Please direct this to the:
□ Membership Director
□ Software Director

mized to run on Mac OS X. They'll get the use of the modern carbon applications programming interface, all the great features of the Darwin core OS (like protected memory for crash-resistant computing and pre-emptive multitasking for a more responsive system). And for the future, we've included Cocoa, an advanced object-oriented programming environment. Cocoa gives developers an attractive inducement—a whole new toolbox for building the best next-generation applications. Developers Pledge Support Not surprisingly, Mac OS X debuts with public pledges of support from more than 100 developers, including Adobe Systems, Microsoft, Quark, Macromedia, Palm Computing, id Software and many others. Together, we're taking everything you love about the Mac and making it better. Classic Continuity. Thanks to the Classic application environment, all existing Mac OS apps will run just fine on Mac OS X. You've Got Mail. Mac OS X includes a mail client taking advantage of the Cocoa object-oriented programming environment.

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Tuesday-Friday 9am - 5:30pm
Saturday 9am - Noon
Closed Monday & Lunch (1-2pm)

Following over 75 years of tradition in the Midway area

The Photoshop / Digital Imaging SIG

Submitted by Gary Eckhardt

The Photoshop/Digital Imaging SIG will meet at First Tech, 2640 Hennepin Avenue in Minneapolis, on February 16, 1999 at 6:30 pm. John Hyde will be demonstrating the software package iMovie that comes with the new iMac computers. The combination of the iMac hardware and the IMovie software allows for home editing of videos for a very cost effective price. This is an opportunity to see the video editing package that has rocked the personal computer field. If you have questions about the meeting please call Gary Eckhardt at 612-944-5446.

Bring your questions about video editing. See you there!

March / April Photoshop / Digital Imaging SIG

Submitted by
Gary Eckhardt/ Bert Persson

The Photoshop/Digital Imaging SIG for March 15 will meet at the Washburn Library 5244 Lyndale Ave So, Minneapolis at 6:30 pm. Dave Johnson from National Camera will be demonstrating digital cameras, software and answering questions concerning digital imaging in general.

For the Photoshop/Digital Imaging SIG on April 19 at 6:30 pm. we will be visiting Prism Studios. This meeting was originally scheduled for January, but due to heavy snow has now been rescheduled.

Prism Studios is a photographic service bureau and caters to all needs of the professional and amateut photographer. In the digital world, Prism offers Photo CD and Pro Photo CD service, digital file to print and film , dye sublimation prints, etc. Photoshop is one of a number of applications that is supported for the Macintosh and PC computers.

We will tour the newly remodeled facilities of Prism and then have a Q&A session about digital imaging requirements. If you have questions about the meeting please call Gary Eckhardt at 612-944-5446.

To get to Prism Studios, take 35 W to the Stinson Blvd exit. If you are coming from St. Paul, Kennedy Street is 3 blocks south from 35W and Stinson. If you are coming from Minneapolis. Kennedy Street is about 2 blocks south from the off ramp exit on Stinson. Take a left turn (east) on Kennedy and to about 1/3 block. Prism is on the north side of the street.

Bring your digital imaging questions. See you there!

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Eligibility for frequent drawings of free equipment, software, and books.
Just a few of the many items given away free in the last year included: Connectix QuickCam, Microsoft Encarta, Books from Peachpit Press and MacMillan, RamDoubler, SpeedDoubler, Lind PowerBook battery Conditioners and Rechargers, Microsoft Art Gallery, and Apple System 8.5 software.

Discounts on book orders
40% off Peachpit Press, 30% off MacMillan family of book companies (Hayden, Adobe Press, Que, Sams, Brady, NRP, and Alpha)

Periodic special User Group discount offers on equipment and software.
In the past year, Apple, Hayes, Brøderbund, and APC Power Protection (Business Security Products), among others, have offered mini'app'les members significant discounts.

Plus, you're supporting all of mini'app'les' special interest group (SIG) meetings that you can attend each month.

It's easy to recoup your cost of membership with the above benefits.

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