

NEWSLETTER OF THE LONG ISLAND MACINTOSH USER GROUP A not-for-profit, volunteer, member-supported organization

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The LIMac

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www.limac.org

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LIMac was established in 1984,
when the Mac was introduced.

Annual dues
for membership are \$36.
(The first meeting is free.)

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March Meeting David Ross

At Simpson Strong-Tie, a global company with more than \$550 million in sales worldwide (2010), more than 1,800 employees, and nine U.S. and ten international manufacturing locations, the iPad is revolutionizing its sales and field support. Smaller than the Strong-Tie various printed catalogs and weighing far less, the iPad is changing the way Strong-Tie rep Brett Belair markets an extensive array and number of products.

Although at the beginning of the March LIMac meeting, Brett modestly claimed he was new to the iPad but, by the end of his presentation he proved himself right on the leading edge of this revolution.

Brett demonstrated how he uses *Citrix Receiver for iOS* (Citrix.com) to access the complete Strong-Tie product database via Citrix's XenApp, *UPAD* (\$4.99 at the App Store) to highlight, quote and personalize the information in PDF form and then email it to client, all with a swipe of the finger from his iPad. Brett uses *Keyoobi* (Keyoobi.com) to locate his customers by type and optimize his travel time and Carbonite (Carbonite.com) for everywhere access to product information and back-up. The Calendar app keeps his busy travel schedule coordinated. All these tools provide a new level of customer service without the need to carry a small library of catalogs while on the road. Plus all quotes, specs and catalogs are always up to date.

Brett also showed how the iPad is a great platform for video presentation. Strong-Tie owns *DeckTools*, a design and sales package for the deck, dock and railing industry, which provides real time, photo realistic 3-D rendering. Watch the full demo at <http://www.strongtie.com/decktools/>. It is impressive.

What made the evening truly memorable was not only was the demonstration of the Strong-Tie's use of the iPad ability to provide a new level of integration of hardware and software, but also Brett's trouble-free ease of use. 🐭

April Meeting Rick Matteson

APRIL
13
MEETING

When did you last back up your computer? You do back it up, don't you? At risk of sounding trite, you know what "they" say, "It's not if your hard disk will fail, but when." So you'd better have a backup to restore your applications and, more importantly, irreplaceable data.

This month a few of LIMac's board members will discuss and demonstrate their backup strategies; what hardware and software they use, how they schedule their backups (or not), why they do what they do, suggest ways for you to formulate your personal strategy, and more. Each of this month's presenters has his personal logic for the how and why of the methods used, but all agree that the main idea is to just do it.

Come to the meeting with your mind and notebooks open and bring your own ideas to share. Maybe you'll go home with a new outlook on backups and some thoughts to modify or add to your personal strategy.

As usual, we'll start with the two Q&A sessions followed by announcements. Then the main presentation will start at about 7:45 and the general meeting will end with our raffle. Following the raffle our SIGs will meet until about 9:30. It's going to be a meeting full of great information, so be sure to attend. 🐭



Bradley's Tech Session



Bradley Dichter
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► **I'm getting bombarded with emails from Apple warning me to upgrade from MobileMe to iCloud. I'm running Snow Leopard. Do I really have to upgrade to Mac OS X 10.7 Lion?**

■ If you want to take full advantage of iCloud with your Mac, then yes, Mac OS 10.7.2 or newer is required. If you don't use the iDisk, Web Gallery, iWeb publishing nor iCal sync, etc. and only use a mac.com or me.com email address, then it's no big deal to change your Mail preferences to use the new iCloud based ones and stay with Mac OS X 10.6.x. See knowledgebase article HT4864

The Find My iPhone function will still work if your Mac is running Snow Leopard. Just go to <https://www.icloud.com/#find> You can send it an important message or remote lock or remote wipe it. Even if you did upgrade to Lion, iCloud still doesn't support the iWeb publishing, Gallery and iDisk functions that MobileMe used to. Read more at <http://www.apple.com/mobileme/transition.html> and <http://support.apple.com/kb/HT4597> The drop dead date is June 30, 2012.

► **On my MobileMe account I get a pop-up whenever I try to use the Mail or the address book. The server responded with an error. The server did not recognize your user name or password. I never changed anything. How can I resolve this?**

■ As per usual, the password stored in your

login keychain is corrupted. You need to delete the entry using *Keychain Access* in your Utilities sub-folder. That should clear the entry, then you can enter it again when asked, check the option to store the password in your keychain and it should be OK for another few months until it gets corrupted again. Between bad keychains, fonts and Flash Player, these are the main problems Mac users have.

► **What are the major changes with the new iPad over the iPad 2 and can you go over the various versions?**

■ You could call it the iPad 3rd generation, but don't call it the iPad 3 or iPad HD. The top new feature is the Retina Display. While keeping the same overall display size of 9.7" measured diagonally, it packs in twice the number of pixels vertically and horizontally, or 2048 x 1536 instead of the XGA standard 1024 x 768 pixels. That could also be stated 264 pixels per inch versus the iPad 2's 132 ppi or 4 pixels in the space of one before. That makes each color dot too small for the eye to perceive, at the 15-inch viewing distance, so the images are very sharp, so text is crisp and less straining to read and thumbnails of your images in the new iPhoto for iOS can still be discerned, not too fuzzy to tell one from the next. That high a resolution is about 50% higher than your 1080p 60" HDTV. It's only 14.7% less pixels than the 27" iMac. As an addition to this new design, Apple used many more backlight LEDs, which produced a 44% greater

Bradley's Tech Session continued on Page 3

President's Message



Bill Medlow
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All I've heard since the sixties, is that, "The Times They Are a-Changin'."

If it is not one thing it is another or another 500,000.

Next meeting is crucial as it is more important than ever to back up your computer, and then in May we will have a Great presentation from Smile Software bringing all the machines together, and then Dave Marra in June for a great meeting.

*See you next month for some great raffle prizes.
Bill*



dynamic range, so colors can be more realistic or vibrant. The new iPad uses In Plane Switching and LED backlighting like the iPad 2 and iPhone and iMac.

So pushing around four times as many pixels, the dual core system on a chip that Apple calls the A5 as used on the iPad 2 has been replaced by the A5X, which runs at the same clock speed and still has two processor cores, now has a quad-core GPU component, not just dual-core.

Because of this and other enhancements, Apple wanted to keep the battery life the same as before, so they used a 70% better battery (42.5 watt-hour versus 25 watt-hour) and thus the new iPad is a tiny bit thicker (3 hundredths of an inch) and weighs just a bit more (1.8 oz). So many of the snap-on iPad cases won't fit the thicker new model.

Another feature is the better camera on the back. It jumps up from 0.69 Mpixels (960x720) on the iPad 2, to 5.0 Mpixels (2592 x 1936) on the new model. Still the 4:3 aspect ratio. In fact they now call it a iSight camera. Still not as good as the 8Mp camera on the iPhone 4S, more like the 5Mp (2592 x 1936) iPhone 4's camera, but with 1080p. That supports full 1080p video recording, as opposed to the 720p of the iPad 2. The new sensor has back-side illumination, so it's much better in dim lighting. Still no LED flash like the iPhone 4 or 4S has. It has autofocus (the iPad 2 lens was fixed focus) or tap to focus function and you can tap to set the exposure. There is a five element lens in front of the sensor, with a IR filter, with a larger f/2.4 aperture. Apple couldn't tell me what the aperture is on the iPad 2's rear-facing camera, so "larger" is of course vague. I

suspect it's the same f/2.8 3.85 mm diameter one used on the iPhone 4. That also has the back-illuminated CMOS sensor. The electronics behind it can automatically set focus and exposure compromises for up to ten faces. The A5X chip supports image processing and offers image stabilization in real time for videos captured. The front facing camera is unchanged at XGA resolutions, primarily good enough for FaceTime use.

The next big new feature is support, if you buy the new iPads so equipped, for the new high speed LTE networks, so-called by marketing types as 4G. Technical types will tell you it's not really 4G based on the accepted definition. LTE will eventually support a theoretical limit of 150 Mbps, but for now, 5-12 Mbps is expected on Verizon's LTE network in real world conditions. AT&T recently tested theirs and managed 28.8 Mbps download speeds. For that test they used MIMO antennas and two channels. Your iPad 3rd gen won't have that, so figure half that speed. Anyway, AT&T and Verizon have LTE equipped cell towers around the country. On Long Island, Verizon has quite the lead, so their LTE coverage is quite good, covering pretty much all of Nassau and Western Suffolk. The new iPads with cellular also support the new HSPA+ which now is called 4G as well by the new iOS 5.1. The iPad 2 maxed out, with cellular options, with HSPA on AT&T's network or EVDO Rev. A on Verizon's network. HSPA+ supports a maximum of 14.4Mbps downstream, but something more like 3Mbps is commonplace. Apple points out the maximum peak speed of 21.1 Mbps. They also talk about DC-HSDPA sup-

porting 42Mbps. That's dual cell or dual carrier, which uses two adjacent 5 MHz wide channels. Real world 10Mbps is more likely. Still, consider that a lot of us use Optimum Online which claims a maximum of 15 Mbps downstream, so a HSPA+ or LTE connection could be comparable to a wired connection at home. I imagine in a few days we will see some tests on various connections with the new iPad to see what it can do. While both Verizon and AT&T both support the LTE system, they don't share all the same frequency bands, they share some. Because of this, Apple has two different models branches of iPad + 4G. I say branches because there are 3 different storage capacities and two colors of each of those; black and white.

The new iPad has Bluetooth 4.0 as opposed to version 2.1 + EDR. That should talk to new low energy BT4 devices as well as new high speed ones. It also sports 1GB of RAM, as opposed to 512MB RAM. That should support ever more complicated apps and improved performance when running many apps at the same time. I see lots of folks never quitting their apps on their iPhone or iPad. As before, only the cellular equipped models include the assisted GPS but they all have the digital compass and 3-axis gyro and accelerometer and the ambient light sensor. The WiFi part supports up to 802.11n, as well as legacy 802.11b and g.

The new iPad does not offer the Siri assistant that's only available on the iPhone 4S, but it does offer dictation as a option to the on-screen keyboard. I would imagine there will be some new apps that require the Retina Display and this won't work with the older iPad 1 and 2.

I also foresee a future iOS update that will not work with the older iPads as well, so buying a new model will be a worthwhile machine for that much longer.

► **So what models are there in the new iPad 3rd gen.?**

■ 18 varieties in fact. You can choose the Wi-Fi only model in your choice of black or white and for each color, three capacity choices of 16GB, 32GB or 64GB. The Wi-Fi models, black or white are \$499, \$599 or \$699 for the three capacities. The 4G models are \$130 more. For the Wi-Fi + 4G, you can choose those same color choices and capacity choices plus also your choice in the mix of AT&T or Verizon equipped (via a Micro SIM) plus your on-demand activation on a month by month basis. AT&T offers, per month, 250MB of cellular data (3G or 4G) for \$14.99 or 3GB for \$30 or 5GB for \$50. Verizon offers 1GB for \$20, or 2GB for \$30 or 5GB for \$50. The pricing for the 3rd generation iPad is the same as the iPad 2 formerly sold at. The old iPad 2 in 16GB capacity only is still for sale at \$100 off, or \$399 for the WiFi only model, black or white or \$529 for the AT&T or Verizon 3G models. MicroCenter is selling the 16GB iPad 2 for \$359. They have also the higher capacity and Wi-Fi + 3G versions as well, while supply lasts. I should also note a new option, AppleCare+ for iPad. For \$99 you get two years of support, both telephone and repair. It also offers, for an additional \$49 service fee each time, up to two incidents of accidental damage. Apple has never offer any kind of accidental damage coverage. They also offer

Bradley's Tech Session continued on Page 4

the same kind of plan now (AppleCare+ for iPhone) for new iPhone buyers for \$99.

► **So why would someone pay more than the base \$499 for a new iPad?**

■ Besides the \$130 extra for the 3G or 4G cellular data connection, for an extra \$100 you can double the storage capacity to 32GB or for \$200 you can quadruple the storage capacity to 64GB. Which is the real issue; "Why do I need more capacity?" For starters, you might have a large library of music or photos you need to carry with you. That tends to take up the most space initially. Also you could be using the HD video camera in the back to shoot 1080p video and editing that with the \$4.99 *iMovie for iOS v1.3 app*. That would fill up the biggest model very quickly. The movie takes up 4-5 GB per hour, and editing your clips needs twice that, so you can see the 16GB with nothing on it, would be overwhelmed with video editing, so add that many people start off with 16-18 GB of photos and apps, you can see a 32 GB model could be marginal for video editing, perhaps OK for not many short clips. I would imagine, one might publish from *iMovie for the iPad* to *iMovie for the Mac* and do some final editing there. But then again I have a Mac with *iMovie*, you may not.

Who else may need more? Again it's the video usage. Say you want to take some movies with you on a vacation. You can rip some of your DVDs on your Mac and transfer them to the iPad when you're away. They take up substantial space, so the 16GB probably won't do, but the 32GB model should be OK for most vacations.

Finally I see many folks like our last presenter taking a pile of PDF files with them on the iPad. Some of them get pretty large. I also see folks using FileMaker Go for iPad and the databases can be large, so I'd advise you to consider the 32GB model, if not more. My iPhone is 32GB, so if I was buying a iPad, it would have to be 32GB at a minimum. My present collection of stuff exceeds 16GB.

► **What about overseas use?**

■ The Wi-Fi function works the same overseas as it does here. Not everyplace has wireless Internet, but wired, so you may want to get a Apple Airport Express and a short Ethernet cable.

The 3G and 4G cellular function, if you get a model with that, is also world-ready. The data plan you get for U.S.A. use may not help you out of the country though and won't work most likely on a cruise ship without any cellular coverage. Check with the cellular carrier(s) in the country/countries you intend to visit. For example, in the United Kingdom, there are 4 different carriers supporting the new iPad + 4G. See <http://www.apple.com/uk/ipad/4g/> and this page shows comparison pricing for the UK carriers: http://store.apple.com/uk/browse/home/shop_ipad/family/ipad/select_ipad You may have to get adept at swapping the micro-SIM in the iPad if you travel to various countries. You have to power off the iPad, push in a unbent small paper clip into the ejector hole, remove the SIM card tray and remove the micro-SIM from the tray, put in the new micro-SIM into the tray and slide the tray back into the iPad. Then you can turn the iPad back on.

The 10W USB power adapter is not physically suited to plug into power outlet elsewhere in the world. Apple sells the Apple World Travel Adapter Kit for \$39 which has six different plugs for the various outlets you may come across. There are plenty of car power charger choices as well.

► **How would I copy a DVD onto the iPad?**

■ As the iPad has no optical drive, you would need your Mac and some DVD ripping software. The free *HandBrake* is popular for none copy-protected commercial DVD-Video discs. Try *RipIt* from the little app factory or Metakine's *DVDRemaster* or *Aimersoft DVD Ripper for Mac* to rip and then compress. It can extract the movie even from a commercial DVD and re-encode it for the iPad's requirements. Then you can add the ripped movie into iTunes and plug your iPad into your Mac's USB port and have iTunes sync the movie to the iPad where you can watch it when you like. In case anyone has a Blu-ray player or burner and a new iPad 3rd generation, you may want to use the Pavtube *Mac Blu-ray to iPad Converter v3.0.5* with a preset for the new iPad model. (I was checking them out recently. OWC has a internal Pioneer burner for my Mac Pro for just \$94.99. They offer the drive in an external FW800/USB 2.0/eSATA enclosure for \$187.99) If you do have Blu-ray player, then you certainly should have Macgo's *Mac Blu-ray Player v1.15.3* software. Of course Apple wants you to buy or rent HD movies and TV shows. iTunes 10.6 and the Apple TV now support full hi-def 1080 video. ↗



User Group Offers



George Canellis
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From *MacPhun* LLC, FX Photo Studio PRO has everything you need to make photography one of a kind with over 170 high quality photo effects, pro tools to edit images, selective masking, variety of import/export tools and more. This is a true powerhouse for your artistic photography on Mac. Learn more about it at www.macphun.com. Download your FX Photo Studio PRO trial version today: [REDACTED] If you like the trial version, you get the order code by emailing Alex at atsepko@macphun.com with the name of your user group. Regularly \$39.95, this user group special is only \$24.79. Plus, you get free updates with each new version. This offer is valid through valid through May 31, 2012.

Dolly Drive is more than just Time Machine in the cloud. It is a multi-destination Time Machine backup for multiple Macs, both online and local. It will file sync, provide virtual hard drive storage, and create a bootable local clone. Because it's designed for people who love using Macs, it's all in one place, with one app. When you try Dolly Drive for business or the home, Apple user group members receive 20% off for one year of Dolly Drive (data centers in U.S. and Europe) available in sizes from 50 gigabytes to 8 terabytes, starting at \$3 per month. Cou-

pon code: [REDACTED] Backup today: www.dollydrive.com This offer is valid through January 1, 2013.

Too many passwords to remember? *1Password 3 for Mac* is a password manager that goes beyond simple password storage by integrating directly with your web browser to automatically log you into websites, enter credit card information, fill registration forms, and easily generate strong passwords. As an Apple user group member, you are entitled to get the single user *1Password* on the Mac for \$29.99, well below the normal retail price of \$39.99 (\$52.49 for the 5-user family version, which is usually \$69.99). You also get a 25% discount on everything in the Agile store. *1Password* is separately available for the iPhone or iPad (\$9.99) and iPad/iPhone combo (\$14.99) from the Apple iTunes Store. Get yours today: [REDACTED]

Disk Drill protects your files from accidental deletion with Recovery Vault and recovers lost data from Mac disks. It features a number of advanced scanning modes for data recovery of FAT, NTFS, HFS/HFS+, other file systems and formatted (initialized) drives. It is a professional, but extremely simple, Mac data recovery software that helps rescue data on Mac disks, external or internal hard drives, memory cards, cameras, iPods Classic, and others. The usual price of \$89 has been reduced to only \$62 for this limited-time user group offer. Coupon code: [REDACTED] Recover your

files now: <http://www.cleverfiles.com/> This offer is valid through April 1, 2012.

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Eltima Software is a global software development company, specializing in Flash software development for Mac users. All flashers will see the true value of *Flash Decompiler Trillix for Mac*, *Flash Optimizer for Mac* and *SWF & FLV Player for Mac*. With these products, managing Flash files is easy: decompile, compress or just play them back. Regular prices for Eltima's Flash software range from \$19.95- \$99.95. Using the coupon code

gives user group members 20% off. Get your Flash products here: <http://mac.eltima.com/> Coupon code: [REDACTED]

Freeway gives you all the legendary ease-of-use and features that launched the desktop publishing revolution. You can quickly and effortlessly lay out your website, embed images and content, then publish your work as standards-compliant HTML. Upload to your server, MobileMe or to a folder. You supply the creativity, *Freeway* handles the code. LIMac members can buy *Freeway Pro*, regularly \$249 for \$186.75, and *Freeway Express* for \$59.25, a 25% discount. Build your website now. <http://www.softpress.com/store> Promo code: [REDACTED]

PowerMax.com, the engine behind The Apple MUG Store, is pleased to announce a new process for Apple user group members. Instead of going to the Apple MUG Store website to view a limited selection of items, members can now go directly to the PowerMax website to peruse and purchase almost 50,000 products. By identifying the user group you belong to (either on an online order or over the phone), PowerMax will continue to accumulate points for LIMac to use. In addition to great deals, free UPS shipping is offered on any order over \$50. Be sure to take advantage of this win/win deal: <http://PowerMax.com>

RadTech manufactures and distributes an array of best-in-class accessory solutions for Apple computers, iPhone, iPod and

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Cinema Displays, all designed to keep you connected and protected in style. Experience the RadTech difference through their unique product line and legendary customer support. LIMac members get 20% off all products. Start saving now: <http://www.radtech.us> Discount Code: [REDACTED]

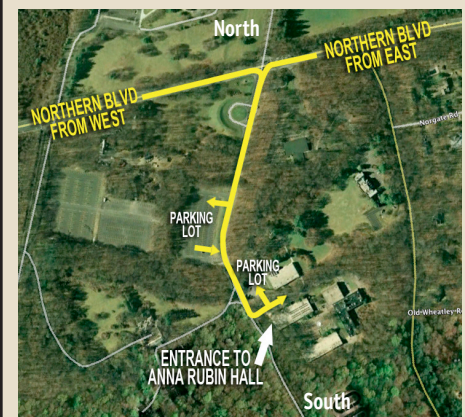
Apple user group members receive a 35% discount when they shop at peachpit.com. Just enter the user group discount coupon code at checkout. Ground shipping is free! (This discount cannot be used in conjunction with any other coupon codes such as the Peachpit Club.) <http://www.peachpit.com> Coupon Code: [REDACTED]

No matter what Apple devices you're using, there's a *Take Control* ebook that will help you polish your skills, work more efficiently, and increase your productivity. Check out our highly practical, tightly focused ebooks covering Mac OS X, Macintosh applications, the iPad and iPhone, 802.11n networking, and more! Written by the most-trusted names in the Mac world and published by Adam and Tonya Engst of TidBITS, Take Control ebooks provide the technical help you need now. Take Control ebooks are available for immediate download in PDF format (for Macs and iPads), and with EPUB (for iPhone and iPod touch) and Mobipocket (for Kindle) versions available after purchase. An exclusive 30% off their already low prices is offered to Apple user group members on all Take Control ebooks. Purchase *Take Control* books at a discount with this coupon-code-loaded URL: [REDACTED]

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Do you own or work in a Mac-based small business that has grown out of it's computerized checkbook? Have you grown tired of creating invoices using *InDesign* or *Word*? If you think you are ready to move beyond your shoebox, MYOB has the right tool for you at a great MUG discount. MYOB, Inc., the leader in Mac small business management, has just released *MYOB FirstEdge*, a new Mac only product that will help you run your business quickly and easily. MUG members get \$25 off the regular price of \$99 on *FirstEdge* or \$100 off *AccountEdge*. <http://www.myob.com/us/>

You don't have to put up with unwanted junk email. *Spamfire* from Matterform Media removes unwanted commercial and pornographic email from your in-box. It works with any POP3 email account and any email program (support for IMAP, Hotmail and AOL is still in development). *Spamfire* uses intelligent, fuzzy-logic filtering to identify spam and protect messages you want to keep. Automatic internet updates ensure you always have the most advanced spam protection available. *Spamfire* works in *OS 9* and *OS X* and is a Mac-only product. Mac User Group members can purchase *Spamfire* for just \$23, more than 20% off the regular price. Box & CD version's regular price is \$39, user group price is \$31. Downloaded version's regular price is \$29, user group price \$23 [REDACTED]



General meeting time schedule:
Meetings are held at
The New York Institute of Technology,
Building 300 (Anna Rubin Hall),
Old Westbury, Long Island.
For more detailed information about this location go to limac.org

Meetings start promptly at 7:00 P.M.
Bradley's Q&A: 7:00 - 7:30 P.M.
MacBasics Q&A: 7:00 - 7:30 P.M.
Featured Presentation: 7:30 - 8:20 P.M.
followed by announcements and raffle drawings.

After general meeting
iOS SIG: will be a roundtable discussion of business apps.

Mac Basics SIG: For April we will be introducing iMovie. Importing camcorder video, combining clips, trimming clips and extracting YouTube videos for import. As always come with questions.

- ▶ In bad weather, call (516) 686-7789.
- ▶ The next LIMac board meeting will be at the Plainedge Library, (516) 735-4133, on Wednesday, April 18th, at 7:30 P.M. For more detailed information about this location go to limac.org

Renewal

Membership renewal for 2012 takes place from October onwards. A bonus discount was passed by the Board of Directors a few years ago: Bring in a new dues-paying member and get a \$12 discount off your membership renewal. Bring in three new members and your renewal is free!

Bringing in a new member also includes getting a past member back into the group.

Make your \$36 check out to LIMac and bring it to the next meeting, or mail to LIMac, Post Office Box 2048, Seaford NY 11783-0180

How to better visually enjoy the *Forum*: Your Editor prefers you to use *Adobe Reader 9* as long as your Mac meets the requirement of Mac OS 10.4.11 or newer. *PostView 1.8* (\$22) works from Mac OS 10.2 all the way up to 10.5 for PowerPC and Intel based Macs.

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Send your \$36 check to:**



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