



The

# ROSE BYTER

Apple Blossom Computer Club  
A registered Apple/Macintosh User Group

Mar '08  
still only  
**\$2.00**

Next Meeting  
**March 20, 7 PM**  
**Pine Grove**  
**Community Church**  
**1729 Buckhorn Rd**

### Agenda

1. Meeting starts at 7 P.M.
2. Intro's of members and guests
3. Old business
4. New business
5. Program: Jack Webster on  
Adventures in Leopard Country
6. Questions & (maybe)Answers

## FROM SPUTNIK TO SPUDS

**by Dave Archer (Foreign Correspondent, for Rosebyter)**

Well, my first international Rosebyter flub ... sorry fellow members ... was last month, recording the wrong URL for my movie on Youtube. So the one guy who tried to watch it, Big Foot, aka: my brother Dale, was taken to the Youtube site, not my movie. Sorry Chewybubba, but you already saw it anyway. And, by the way, if I had not stopped by bro's house the next day to bring family news, I would not have known, probably ever, so I could not have written this apology to the club. See, because big bro, the very genetic kick-starter of all my deepest morality, conscience and sleep apnea (younger brothers will understand) was so contented dozing away his life in a Lazyboy chair, with his bare feet out, (double Airwickeds), he actually forgot to call me. It was worse. He forget to remember he could call me. Cool. My brother is so old he can't remember how to torment me anymore.

Here is the correct URL for my little Youtube movie. Dave Archer / Electric Space Painter.

**<http://youtube.com/watch?v=b0W8qrlmu6c>**

Members: Please email any favorite Youtube URL's to me for sharing at: "dave@davearcher.com".

1. Original Movietone News reel from 1957 of Sputnik launch with GREAT antique graphics and production values ... classical, old time movie theater stuff. Makes nostalgia seem ... downright ... hum, nostalgic. Buttered / salted is in order for this one.

**<http://youtube.com/watch?v=FsPKD4tNe-Y>**

2. One of my keen interests from childhood has always been what in theater is called: Stage Illusion magic.

If you have never seen David Copperfield perform what is considered by contemporary stage magi- **2 -->**



**Recently discovered deep sea life. Meet: "Piglet Squid", photo found Googling: "deep sea monsters"**

The **Apple Blossom Computer Club** (ABCC) is an Apple Computer Inc., registered Macintosh and Apple ][ family user group. The ABCC publishes *The RoseByter* newsletter monthly which is posted to each paid up member and reciprocating user groups. ABCC participates in user group newsletter content exchange. The ABCC also maintains a WWW site at:

<http://www.abccmug.org>

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swiped from [www.davearcher.com](http://www.davearcher.com)

**<- 1 SputnikSpuds** cians to be the finest “flying” illusion in the long history of the illusion, this is world-class. No one has ever figured out how Copperfield does it. Well ... except for that Benedictine monk who keeps dive-bombing beach parties like some plucked turkey with his butt on fire.

That is, until Walter Pawley and Dave Archer took on the question, thus, answering all aspects once and for all, period, done, which, we are about to reveal for Rosebyteers, thus, making many enemies and friends at once. Something we do well together.

You cannot find Copperfield’s secret on the net, (well, wires ... fine) ... ha! There is that. When I wanted to find out how Chris Angel “flew” from building to building in Vegas, it took three minutes. It’s all there, given away by spoilsports. A mega-crane, video editing, and micro-wire. Still, after years and years, Copperfield has never been ratted out. Let’s put it this way. It’s so obvious no one ever needed too. Plus, since the last time I looked there actually is a new Youtube movie giving away Copperfield’s whole thing.

No matter, it remains a GREAT stage illusion.

So: yes: high-tech carbon-bonded super-thin-cord over shimmering background. Dang. Copperfield can appear to roll on his back because the wires hold him, remember, at the hips. One wire is simply reeled in a little with the use of a high-tech “wench” and the man is: rolled. He doesn’t roll himself. When he does the shadowy “pinwheel” roll, he’s making a three-sixty between the swing wires. You can see it clearly. I’ll leave it to you to figure out how he “fulcrum flies” the girl at the end. It’s a testament for sure, to Las Vegas invisible-wire suppliers. PS ... watch the hoops to see that they are never really put over him. It only looks like they are hooping him.

<http://youtube.com/watch?v=Z8qX0ZhZJBU>

3. Standup comic Lewis Black on Broadway ... four great minutes ... blue language, but what would Black be without blue. His utter exasperation at the world makes him, for me, one of the funniest men in America right now. There’s lots more Black if you like it.

<http://youtube.com/watch?v=4mCDZMWVWuc>

4. One of my enjoyments: Native American Trickster stories. Especially shape-shifting Coyote, recognized and told in all American tribes. Here is one of thousands of such stories, where sometimes, Coyote comes out on top (stealing fire for the People), often however, loses, dreadfully, yet goes right on to the next adventure. The French have Renard the Fox. The trickster of course, represents a world of cultural characters: Bugs Bunny, Wiley Coyote, Peter Pan, the White Rabbit, both Raven & Crow, Hindu Yakshas, the Devil, Braer Rabbit, Hawaiian Minihuni’s, Leprechauns, the Norse Loki, the Jester. Even Santa (toy or lumps). There is something about these stories that intrigues me, as they rise spontaneously around the world in all times and all cultures.

<http://youtube.com/watch?v=E3DvW4kqatI&>

5. The Pogues perform (with) the Dubliners ... classic ancient Irish song of the sea, a fantastical tale of the good ship “Irish Rover”. The odd bloke in the white suit is, lead singer of the Pogues, Shane MacGowan, an infamous Dublin gutter punk (and) amazing singer. If you can’t bear to look at MacGowan’s ears, not to mention teeth, just close your eyes and you’ll be in Dublin Port in 1806.

“The Ship Irish Rover,” is an authentic sailors bragging chanty, telling of how much “she” can carry, which if you listen carefully, is improbable, to say

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**<-2 SputnikSpuds** the least. PS ... in Gaelic, Pogue means, well ... that human body part representing ah ..., let's say, the one, most common, denominator between men and women? And now you know the rest of the story.

<http://youtube.com/watch?v=au30c9ZMIPg&>

6. Mentioned last month, Marilyn Monroe making her first television appearance September 13, 1953, on the Jack Benny show. When Benny gets a chance to kiss Marilyn for the skit, see him take this "opportunity" right over the edge on live tv. Ha! She has to pry him off with a wrecking bar.

[http://youtube.com/watch?v=c\\_IzdZDyT0w](http://youtube.com/watch?v=c_IzdZDyT0w)

[Ed. Note: 6.5?] Hoyt Axton (who used to live near Roseburg) sings Civil War song: "The Yellow Rose Of Texas", rather quietly too. I met Hoyt during the 60's folk era in San Francisco's North Beach. He was never quiet like this, believe me. One night, when I was the doorman at "The Fox and The Hound" on upper Grant Avenue, Hoyt was performing when some people in the audience upset him. He got off his stool, quietly leaned his guitar against the wall, slowly removed his belt and wrapped it around his hand leaving about one foot of leather and rodeo buckle hanging. Then Hoyt walked out to the table where the jerks were talking, who had yet to notice Axton had even left the stage, and smashed the buckle in the middle of their table as hard as he could (pretty hard). Coffee flew, people fell over backwards, pottery shattered, then Hoyt said, quietly, like he does in this song, "When I'm singing, you listen". Then went back on stage and finished to a standing ovation.

<http://youtube.com/watch?v=xoPQqPJ7fbQ>

7. Billy Holiday sings, "Do You Miss New Orleans?" backed up by Louis Armstrong, in an old movie. As an artist, I miss New Orleans as much as

I do most of my passed on relatives. Showing my paintings there. Mardi Gras. Music. Food. So much laughter and fun. So much creative expression in one place. I will always miss it. Hell, I'm at an age now where I miss just about everything.

<http://youtube.com/watch?v=ROEWiNsb754>

8. Lenny Bruce doing "All Alone," one of his great bits. In the early 60's I lived in North Beach. I was too young to get in to see Lenny at the Jazz Workshop, but in summer, they left the doors open (both front and back) and I could stand outside and hear (and even see) the show, which I did, for months. From direct experience, Bruce was not a dirty comic at all. What happened was, he wished to use any word in the language, if it made a comic point, and it was the only perfect word to do that, otherwise, never. The law went after him for certain of those words, for adults only, in a bar, with no complaints. Go figure. Once they went after him, he fought back by talking about the very words they wanted him to stop using, in his act. A double curse. Then they really went after him, hounding him into his grave. One of the greatest entertainers America ever produced brought down by hypocrite squares. I have a box-set of his career, and what is astonishing about it is, it's almost all completely "clean" humor.

Not jokes. Bruce was a humorist. There are many false memories and impressions about Lenny Bruce these days.

<http://www.youtube.com/watch?v=8TrQxeNEPLo&>

9. One for my brother Dale, who loves explosions. A British film of the explosion of their first hydrogen bomb. Well produced. Good sound. Incredible little story and not without humor. I have to wonder how many of the men who were blown off their feet later had radiation problems.

<http://www.youtube.com/watch?v=zLFRIiflSgU>

10. One of the funniest Charlie Chaplin routines EVER! From a movie where he uses spuds on forks to do a one minute dance, known as his famous: Table Ballet.

<http://youtube.com/watch?v=xoKbDNY0Zwg>

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# Water Blogged Wump

Any trace of organization in these paragraphs is entirely coincidental

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## Signs of Spring

February 5, 2008 I began to receive email full of apparent gibberish. Not that I'd not had some utter gibberish spam emails before, but this marked the beginning of what has become a something of a minor flood. A bit of research showed they use the KOI8-R character set, an 8-bit character set designed to handle Russian and Bulgarian (I thought they looked like Cyrillic). A bit more research pointed out that they all contained this header, "**X-Mailer: Microsoft Outlook Express 6.00.2900.3138**". It seems like this is happening via a growing botnet as the messages are coming from all over with increasing frequency. It would sure be nice if Micro\$hapht quit making readily compromised software for a change.

In recent days, a number of deep water fiber optic cables in the Mediterranean area have been severed. Some local governments have claimed it's the result of ship's anchors being deployed. There's a good deal of skepticism about this explanation as there's little reason to deploy an anchor in deep water ... even if you have an anchor chain long enough to do it. Besides, evidence has been recovered of less accidental likely procedures. There's that and the fact that it's occurring with odd rapidity—the cables are extremely tough, generally lasting for very long periods. It seems quite likely that **a coordinated effort is seeking to hamper communications in some middle eastern areas.**

The "broken" cables are being relaid rapidly. They are part of the world wide network of what is now nearly a terameter of fiber optic cables.

Boeing is in the process of operational testing of the ATL, Advanced Tactical Laser, which is a megawatt class COIL (Chemical Oxygen Iodine Laser), weighing about six tons, in a C-130H Hercules. That airframe has been used to mount cannons, gatling guns, etc., very successfully. **This is not the really big flying laser** (that takes a 747). Instead, it's meant to deal with small targets with minimal collateral damage. Kind of makes me wonder a bit ... this seems like something that might not be limited to battlefields. There needn't be any big explosion. Indeed, the wavelength of the laser output are in the infra-red, ie. invisible. A simple matter to fly at 20,000 feet a few miles over from a car with a target in it, aim, hit the button and keep on flying. Sure, there might be forensic evidence to deal with, but how likely is it that anyone would bother since people died in a car wreck. Or, one could simply set a house on fire. Happens all the time.

**May the blebs be with you. Blebs?**

**Yes, blebs.** They are apparently analogous to blisters but they occur on the surface of individual cells. If you can get blebs to develop on the surface of cells, chemical reactions take place which kill the cells. If you can get the blebs on cancer cells, you can kill the cancer. One way to create blebs is to stick gold nano-rods on cell's surfaces and heat them with a laser, most likely tuned to the length of the nano-rod for efficient absorption of the laser's energy. Tuning the laser to a particular frequency is "easy". What's harder is getting the gold nano-rods to attach to just cancer cells. One means of accomplishing this, more or less, is to identify the unique receptors on the cancer cells and attach mating antibodies to the nano-rods. Something along these

lines has already been experimented with successfully, though it's a long way from a ready-to-roll therapy.

Star Trek TNG brought us the Borg on TV. I think I know where the Borg will come from—us. Perhaps it's a bit of an exaggeration at the moment but there definite signs pointing in that direction. We're developing a lot of electronic and mechanical gizmos to add to the body. Some are diagnostic. Some are therapeutic. Some are even enhancements. Each taken by itself seems pretty harmless. Consider this: **IEEE's 802.15.6 is seriously attempting to define a standard for "body area networks"**. BAN may soon be something other than a roll on deodorant. Reminds me of a discussion I saw on the tube about cell phones and hands off use. One of the parties mentioned not wanting to get into the whole Seven-of-Nine thing. The next party didn't grok the reference but was also against wearing high tech components. Perhaps it will work the other way around—the high tech components may use us as convenient hosts.

For some time now, power consumption of computer "server farms" — places where there are racks full of computers crunching away on the bits that come their way and regurgitating the results—has been a hot topic in the IT (Information Technology) world. And **"hot" is the operative word.** Consuming power generates heat. Even individual computers are not immune to being looked askance for their ability to heat up a room. For example, a current Mac Pro is rated at 1440 Watts. True ... if you load it up with all the stuff that would actually use 1440 Watts, it's one heck of a computer. But it's also about the total load you can have on a typical 120 VAC circuit. Just imagine having a literal house full of these machines. You can stack three **5 -->**

## <--Water Blogged Wump

in two square feet, so a 2,000 square foot home would take 3,000—easily over a megawatt’s worth. As bad as this sounds, it’s “peanuts” compared to basic industry. It takes about 15 megawatt-hours to smelt a single ton of aluminum and the U.S. only makes about 2,500,000 tons a month. Perhaps computers are starting to use “too much” electricity but it’s a drop in the proverbial bucket compared to many other things.

Many of the developed world’s governments have decided that open source software is almost always preferable to proprietary software for publicly financed systems. It is a principle I’d vote for, given the chance. Of course, here in the land of the free, where we put great store in concept of self rule, not only do we not get to vote on such things, our government chooses to canonize Micro\$hapht. The feds have a policy for it known as FDCC—Federal Desktop Core Configuration. Micro\$hapht even has a manager to deal with this policy: Ken Page. In truth, this policy is not about Micro\$hapht. It just works out that way in practice.

Want a cheap new Mac that runs Leopard? I suspect the “cheap” part is not quite what it would seem to the casual observer. I’ve known for some time that with Macs being made with Intel processors, the “hacking” community has been **hard at work getting Mac OS X to install on PCs**. Recently I bumped into mention of Mac OS X being ported to PCs that use AMD processors. You can even download a DVD image of the installer. While I seriously doubt a typical low priced PC would perform like a Mac Pro, I suspect there are a huge number of people who don’t really care all that much—to wit: all the iMacs and MacBooks Apple sells. So, if you want to build your own high performance box, you might start with the Intel Xeon X5482, 3.2 Ghz, 45 nm technology quad core processor. You can pick one

up for only \$1,355. You’ll need two to go into your choice of socket 771 motherboard—about \$500. Probably best to go with a 1600 Watt power supply: \$473. At least a 500 GB SATA hard drive: \$120. Of course, a Super-Drive equivalent: \$40. You’ll need a case to put this stuff in, with both front and back peripheral connectors—and Atrix 9100 for about \$65 should do nicely. Finally, a keyboard and mouse ... assuming you actually want to do something with this beast ... for, say, \$45. Oh, yeah. I forgot RAM. Doesn’t work without that. 2 GB, 800 Mhz DDR2, fully buffered ECC RAM runs about \$60. And I also forgot about a graphics card; about \$80. So, how cheap is all this? How’s \$4,103 sound? \$4,499 is **what Apple wants for “the same thing”**. **What a rip off, right?** Well, not so fast. First of all, it’s not the same thing at all. Apple’s chassis and design are extremely well integrated and finished. Not only that, but you don’t have to deal with collecting the pieces from all over the place, along with the shipping cost rip-offs that really have become quite common. Further, you don’t have to build it yourself—just take the Mac Pro out of its box, plug it in and fire it up. I can attest that building a typical PC up from parts is not what I’d call a big deal but if you aren’t a bit experienced and/or mechanically inclined there’s plenty you can easily mess up. Which brings me to one further Apple benefit—a warranty. Some of the parts you use might even have warranties (like the RAM, for example) but exasperation is a mild description of the likely state you’ll experience trying to take advantage of same (plus S&H, of course). Worse, if you ham-hand something, it’s all on you. Still, it would be interesting to see how well a few hundred dollar AMD white box plays Leopard.

As you probably know if you watch any “local stations” on TV, by this time next year, all through-the-air TV transmissions must be digital. The

announcing advertisements make it sound like the most wonderful thing since B&W TV sets tuned with gimmicks (a capacitor formed by twisting two insulated wires together and tuned by changing the amount of twist). Since we don’t have cable or satellite TV—just the ghosting, noisy images of whatever our antenna can pick up—after we heard a number of claims that stations were starting their digital transmissions, we started looking for a new TV with a digital receiver built in. After some months of looking and comparing, we bought one. It seems OK and has a “hotter” receiver than the old analog-only TV which moved from the living room to a bedroom. Indeed there are digital signals out there. KPIC’s seems to come and go—they’re probably mucking about with their equipment—while others present the constant message, “Weak Signal or Channel not available.” **When KPIC is transmitting digitally, the images are really great ... except** for the blocks of digital drop out that seem to occur quite frequently or the sudden stop motion of signal loss followed by the rattling, jerky reacquisition of signal when it comes. KPIC’s analog signal is just fine here. It’s the only one. We can see KDRV and KSYS pretty well. The rest are, at best, barely watch-able. They have bad ghosts and plenty of noise. At their worst, even the sound is awful and the images barely discernable. But here’s the thing. While digital transmission can be “perfect” in the face of much noise and signal loss, there are limits. Unlike analog approaches, when these limits are exceeded, the result is not merely a bad picture. It’s complete loss. I don’t believe people living outside great signal clarity areas are going to be very happy with the results of this mandated change. Sadly, almost no one is going to care as they subscribe to cable or satellite TV, both of which have high signal to noise ratio. The complaints of us “freeloaders” will, I’m nearly certain, fall on deaf ears. There are ways to deal **6 -->**

# Back Up Your Computer!

by Jim McClellan <mcclellan@charter.net>

For many years, I have occasionally written about backing up your computer files. A few months ago my wife's computer fatally crashed. Granted it was the first PowerPC Mac 7100. I had used it for several years and finally decided to buy a newer computer and gave the old one to my wife. Yes, this was before OS X, in fact it was before OS 9! I offered to update the OS, but my wife didn't want to change. So, being the good husband that I strive to be, we didn't change the OS.

At the time I changed computers, I went with the best OS then available, OS 9. I believe I also changed the desktop publishing application from Ready,Set,Go to QuarkXpress. This change was made mainly because at that time I was producing the City of Winston's newsletter and took it to Creative Images for printing. Creative Images was then using QuarkXpress 3.something. They wanted the data in that format. Thus, I learned that using QuarkXpress was very similar to using Read,Set,Go. Thus the change was quite easy for me.

Jumping ahead to recently, I still use QuarkXpress 3.something and my wife still uses Ready,Set,Go! Over the years, Bernice's 7100 filled up with files, so I connected an external hard drive to store the excess data. I also found that we could connect the 7100 to my G5 with OS 10.3.9 quite easily to transfer files for backup. I also found that it was easy to transfer data from the G5 to the 7100, but when I purchased an iBook G4 with OS 10.4 I could no longer directly connect to the 7100. The 7100 would still connect to the iBook. Anyway, this was my problem not hers.

Sometime a few months ago, the 7100 fatally crashed. Bernice then decided a new computer would be OK, if she could still run her old software. I

talked with Walt and we decided to get a used G4 Tower. We decided to reformat the hard drive with OS 10.3.9. While waiting for the new computer to arrive, Walt transferred the data from the 7100 to a CD. Well, most files transferred quite well despite a failing hard drive, but the biggest problem for Bernice was that she lost her incoming Eudora files, plus she had to re-enter her Eudora address files. Part of the problem was when I would transfer data to the G5 for backup, I forgot to include Eudora files. I only transferred the data like food pantry files that she uses frequently.

One issue that I wasn't aware of was that some files she used wouldn't print because of an error of some type. Once, we got other things working pretty well on the G4 Tower, I found that a newer version of Ready,Set,Go would still work in Classic and didn't have the printing problem. The final nail was when Bernice said the new computer prints web sites and the 7100 wouldn't. I hadn't heard of this problem before, but felt now the change in computers was worth it.

Getting back to the title of this article, you really never know when any computer is going to fatally crash. Having a reasonably recent backup will sure help you get up and running again! I now backup my G5 automatically five nights a week and the G4 Tower and iBook G4 once a week, all with SuperDuper! The first time was a complete backup, now all that is backed up is what changes have been made since the last backup. This doesn't take more than 20 minutes or so, even the once a week copies!

Please backup your computer! If you don't have an external drive, the cost of them isn't very much when you consider losing all your important data!

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# Phone line Internet connection problem

by Jim McClellan  
<mcclellan@charter.net>

I have been hearing from one of our long time ABCC members who happens to live at the end of a very long phone line with spliced connections on each telephone pole!

This member receives occasional large attachments from individuals who do not realize, or forget, that other people have very slow Internet connections. Today, I received a call from this member who said an email attachment had been downloading for over an hour and ten minutes and he wanted it stopped so he could get any other email that might be coming in.

We talked a few minutes and he said he could stop this file attachment from coming in, but then he couldn't get any other email until that file was either downloaded or, in some way, deleted.

I suggested he go online to his internet service provider's web mail site and delete the file there. He didn't know how. So, I hung up and went to his Internet service provider's web site and checked for web mail. When I found that portion of the web site, I entered his email user name, then called my friend on his cell phone and asked him for his password. He didn't remember but I guessed and entered it. All this time the file was still downloading!

Once I was connected, I saw he had three messages waiting, including one huge file. I told him who sent the three messages including the one with the huge file. At that point he stopped the incoming email. Once that was done, I deleted the email and 8 -->

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with these issues but such methods are not resonant with our peculiar notions of competition.

# Fixing a PC -or- Fun With Micro\$hapht

by Walt Pawley  
<walt@wump.org>

I suppose if one is geek enough, the very thought of buying a computer “off the shelf” is somewhat abhorrent. For us, the dedicated Macintosh users, this probably seems a bit of a mania ... except, of course, for the cost. PCs are just cheaper than Macs.

This is a common misconception, no doubt promoted vigorously by the likes of Micro\$hapht and certainly by all the myriad vendors of PC accouterment. The number of choices for every nut, bolt, cable, box, power supply, buttons, processors, RAM, fans, etc. is not merely overwhelming. It’s insane. The worst part of it is that all this stuff is in a constant state of churn. It actually makes the free-for-all going on in hard disk development and marketing seem downright staid. Still, you can buy new, functional PCs for less than you can buy new functional Macintoshes. Of course, they don’t function nearly so well, so such comparisons are hardly fair. You can buy PCs that are made to similar quality and performance standards that Mac users take for granted. But such machines are seldom as inexpensive as the Macintoshes they rival. I’ve seen it written that the fastest Windows Vista machines available are Macs, though I can’t corroborate that.

I recently got to help work on a PC problem that seemed to be rather straightforward to fix ... at first. This machine would boot up or not from time to time. When it did boot up, it seldom got very far before crashing. Examination of the motherboard showed that it had some serious capacitor damage, so the processor power system was failing. This might have been fixed by replacing the capacitors - a bit dicey in a home shop but not completely infeasible.

But why risk that when a set of capacitors cost about the same as a whole

**7** new motherboard? After all, if the damage to the power supply

had damaged other things, the chance of figuring that out and then fixing it is essentially zero. Even manufacturers of such things simply toss the stuff that doesn’t work in final test in the trash. It’s too expensive to spend time diddling with it, even for the Chinese.

Likewise, if the processor power system was misbehaving, chances are the processor chip itself was not in great shape. So, it was decided to get a motherboard-processor combo. Generally, such combinations provide a bit of a discount over buying the motherboard and the processor separately. After fogging around on the Web for a while, a decision was made. By carefully going over the specs, it was also decided to purchase some RAM too. This was because the old motherboard didn’t have much by today’s standards and it was probably not compatible anyway. By ordering it together, shipping costs were less.

OK, so with motherboard, processor and RAM, the project was a bit over budget. All that was necessary now was to wait for the stuff to get here, swap it out and fire ‘er up. The big day arrived and boxes were opened, stuff was examined, old parts were removed from the case, the old motherboard was stripped so its parts could be used on the new one. Hmm... that’s odd. The processor heatsink and fan don’t look quite like they’ll work here. After some considerable research, we found the small print that points out one need buy an approved heatsink and fan as well.

So, more research. The proper, AMD approved and provided, heatsink and fan were located. The cost? Less than five bucks. Shipping and handling were a minimum of eight bucks. So, just as a hedge, since the power supply fan was initially not running, a power supply was added to the order just to bring the total up so the dog was wagging the tail, not vice versa. This

turned out to be, perhaps, the one fortuitous choice along the way. We’d noticed that the old power supply was not compatible with the new motherboard.

The machine was finally ready for assembly. Everything went back into the case ... until it came to the video card. There had been a slight oversight. It seems the original motherboard provided an AGP video slot and the new one had it’s AGP slot in the wrong place, so the card wouldn’t fit into the socket because it interfered with the case. The reason for this turned out to be the fact that the new motherboard’s video slot was not AGP but rather PCIe.

So... once again, it was necessary to research suppliers of things. Finally a reasonably priced PCIe video card that didn’t require a fan was located, ordered and, after a time, delivered. That budget was now blown to smith-erines. But all the parts to make the computer run again were to hand. They got assembled and finally the power was turned on. It even worked!

But, it didn’t boot. It seems the hard disk with Windows on it had suffered some damage. None of the built in recovery modes would function. Thus it was necessary to repair the damage using a Windows CD. This seemed simple enough once one got the CD and booted from it. An offer to repair the hard disk appeared on the screen straight away. Great. Should just take a few seconds to find the damaged files, replace them and all would be right with the world once again.

If there’s anything I think characterizes the nature of Windows customer support it’s that the pat answer to every problem is reinstalling the operating system. I now have a clue as to why this might be, other than sheer incompetence. I watched the process where it went through the files, claiming to be locating the ones that **8 -->**

# Takin' It In The Nose

From: NASA Tech Briefs INSIDER email news

## MUCOSAL "BOOSTERS"

Two novel proteins have the potential to enhance the production of antibodies against a multitude of infectious agents. Terry D. Connell, professor of microbiology and immunology at the University at Buffalo New York, developed and patented the LT-IIa and LT-IIb enterotoxins and their respective mutant proteins as new mucosal adjuvants, or "boosters," that can enhance the potency of existing and future vaccines.

Using a mouse model, the researchers found that the nasal passage is the best mucosal surface on which to apply LT-IIa and LT-IIb as mucosal adjuvants. Mixing a small amount of LT-IIa or LT-IIb with an existing antigen and

dripping the mixture into a mouse's nose produces a strong antigen-specific immune response in the nasal passages, saliva, the urogenital tract, and the bloodstream.

"If I want to immunize somebody in Uganda with a vaccine that must be injected, for instance, I have to bring needles, everything must be sterile and everything must be kept cold, which means we need refrigeration," Connell explained. The mixture with LT-IIa and LT-IIb doesn't even have to be sterile, because the nose isn't sterile. The researchers still need to ensure that their vaccine booster does not have harmful properties.

Read more here: <http://link.abpi.net/1.php?20080207A2>

## <--6 Phone line Internet connection problem

he was then able to check his other messages.

My point is that if you have only a phone connection, you might check how to access your web mail. Then you can do what I did, without having to give someone like me your password!

I use my web mail for this purpose when we travel.

## Guide: Install Leopard on unsupported Macs

Things you will need:

A Mac, DL DVD burner, Leopard DVD or official dmg, Carbon Copy Cloner or disc utility, the "xar" Terminal, the instructions and patience.

See the whole discussion at:

<http://forums.macrumors.com/showthread.php?t=371302>

## <--7 Fixing a PC -or- Fun With Micro\$hapht

needed fixing. When it was done, it began a wholesale installation of Windows. Nothing piecemeal about it. About a quarter of the way through that process, it stopped and pointed out that this copy of Windows had to be "activated". Apparently the activation of the previous version wasn't good enough. It's my opinion that this is more harassment than anything else; an attempt to get you to connect your computer to Micro\$hapht's snooper system. Otherwise you have to call India, give them a very long number, whereupon they give you back a very long number which you type in. Clearly a process designed to be annoying and error prone. Amazingly this got done correctly on the first go 'round.



# Helping solve computer problem(s)

by Jim McClellan  
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If you read at least two of the articles in this month's TRB you have read about helping someone solve a problem using a computer.

Obviously this is good for the one getting the help, but hopefully also for the one writing the article! Why? Because in sharing the problem and solution to this particular problem, you might also be giving another ABCC member the means to do something with their computer to assist in solving another computer issue.

Yeah, please write down and share how you solve your own or other's computer issues. This concept is what makes the TRB and ABCC better. I add ABCC because sometimes by bringing up issues an sharing at meetings you can learn from others who have had similar problems. This sharing of ignorance or even information about a solution is what makes it all worthwhile!

## unClassifieds

Need a manual?

Discount for ABCC members!



Apple Blossom  
Computer Club

<http://www.abccmug.org>

Give it a look.

Put in your own...

