

# Apple under fire for eliminating OS9 boot up

BY JOE KUDRNA HAAUG MEMBER/SIG LEADER

January marks the end of the 18year-old Macintosh operating system because brand new Macs will no longer boot in OS 9. Many are complaining about Apple's decision to sell Macs that only boot in OS X. Here's why.

Apple believes that by preventing the computer from booting in OS 9, it will promote more and faster development of OS X applications. This is seriously flawed logic. First off, what software developer would make OS 9 (a.k.a. "Classic") applications for *new* computers when the operating system for nearly the past two years has been OS X? Name one company that is making new software—including new versions—that run *only* in OS 9. I am not talking about software for old computers that originally came with OS 9, 8, or 7 that will not run OS X. I am talking about software designed for the latest hardware. It's doubtful any company would waste its time.

Second, does Apple think that by cutting off OS 9 it will cause a flood of Mac developers to appear and code away? It's like expecting auto mechanics to change the oil faster because new oil is available. I think software developers are coding away as fast as they can, at least as fast as the market will allow regardless of what Apple does.

What is happening is that developers are using software tools to develop new or update old software that will run in both OS 9 and in OS X. It's similar to the 68K/PowerPC switch-over days when developers created "fat" applications that ran on both. This gives developers the largest potential market for their wares, both Classic users and newer OS X users.

If Apple really wants to force developers to make OS X-only software, See "OS 9 boot up" on page 6

# Transmit provides best, most Mac-like FTP tool under OS X

#### BY JOE MUSCARA

HAAUG MEMBER/SIG LEADER

(Editor's Note: Originally published in the UK edition of MacUser. Reprinted with permission.)

If you use FTP in OS X, Transmit is the best, and most Mac-like, tool you'll find. Both the upgrade and new user prices are well worth it

The Web and email are the two mainstays of the Internet, but FTP (File Transfer Protocol) works behind the scenes to keep much of it alive and updated. Transmit makes FTP as easy as it can be, and new features in version 2.1 integrate many of the tools FTP users need without bloating the program.

Despite the fact that Panic has completely rewritten Transmit 2.1 for Mac OS X, long-time users of the product will find the two-pane interface familiar. By default, Transmit shows local Your Stuff on the left and remote Their Stuff on the right. Connecting to an FTP site is relatively straightforward, and Transmit makes it easy to add any site to the Favorites list.

New to this version is the Favorites Editor, which shows all the values of each Favorite, and local folders can be associated with each one. For Web designers who work on multiple sites, this is a great timesaver and is useful for anyone who regularly downloads from different sites to different locations on their hard drive.

Also new are the Path Shortcuts. These are saved in local or remote paths so you can quickly jump to your most commonly used folders. Transmit now supports secure and encrypted FTP connections through SFTP/SSH, increasing the number and type of servers it can connect to.

See "Transmit tops in OS X" on page 6

### Main Meeting Dec. 21

# LeVitus not coming

Bob LeVitus will *not* make his traditional December appearance this year because he's co-hosting a brand-new radio show on Saturdays (more details on page 3).

# **HAAUG** election

HAAUG members will elect officers and board members by voice vote as there are no contested positions on the ballot.



Apple Barrel is a monthly publication of the HOUSTON AREA APPLE USERS' GROUP (HAAUG). P.O. Box 570957, Houston, Texas 77257-0957.

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If you are interested in joining HAAUG, please call the HAAUG Hotline at (713) 522-2179 or sign up via our web site http://www.haaug.org. Annual membership is \$45 for new members, \$40 for renewing members, \$20 for student members and \$20 for associate members (out-of-state members who receive the Apple Barrel through e-mail only). The Hotline is also the Mentor line if you need help.

Guests are welcome to attend one or two meetings to get acquainted with HAAUG, but participation in certain presentations and activities may be limited.

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#### HAAUG OFFICERS

President: DAVID JASCHKE First VP - Programs: REX COVINGTON Second VP - Facilities: MOSE LAMARK JOHNSON Secretary: LYDA MCGHEE Treasurer: BARBARA LONG Senior Advisor: HOWARD FITTER Directors: ELIZABETH ENGLISH, MIKE EPSTEIN, JOE FOURNET, CLAIR JASCHKE, DAVID TREVAS, JAMES WARREN. Past President: JEFF DAVIS HAAUG Heaven Sysop: RANDY HERZSTEIN HH Administrator: RANDY HERZSTEIN Membership: MICHAEL LAWSHAE Apple Barrel Editor: GEORGE SROKA Librarian: MORTON BUTLER SIG Coordinator: PHILIP BOOTH **Boutique: VICKI SANDERS** Ad Manager: OPEN (VOLUNTEERS?) **Publicity Chairman: JOE FOURNET** Vendor Coordinator: REX COVINGTON Volunteer Coordinator: VICKI SANDERS

#### **APPLE BARREL PUBLISHING**

The Apple Barrel is produced by a committee including Elizabeth English, Manley Mandel, Janet Marks and Gem Smith, led by George Sroka, on various Macs running PageMaker, among other things. April Enos designed the masthead logo.

#### **ARTICLES NEEDED - ALL FLAVORS**

Send to Apple Barrel Drop on HAAUG Heaven or email to apple\_barrel\_drop@haaug.org.

### HAAUG BOD MINUTES • November 5, 2002

#### Attendees:

David Jaschke, Clair Jaschke, Rex Covington, Mike Lawshae, Barbara Long, Philip Booth, Howard Fitter, Mike Epstein, George Sroka, Mort Butler, Randy Herzstein, Jeff Davis, Joe Kudrna, Iames Warren

Call to Order: 6:30 P.M.

ANNOUNCEMENTS:

1. Rex: Photoshop Boot Camp will be held Monday, November 11 at the George R Brown convention center. Fee is \$20.

2. Clair: Lyda will not be at the board meeting tonight.

3. George: No baby yet for LaMark and Vicki. Barbara is collecting money for a gift.

#### **Reports:**

Secretary: Lyda did not attend meeting. Minutes for October were not presented

1<sup>st</sup> Vice President: Rex Covington December is Bob Levitus, January is Swap Meet, talking to EyeTV for February, and Microsoft may make an appearance in the future. Ferrel Games is talking to Rex about a future appearance and is sending him two games.

2<sup>nd</sup> Vice President: LaMark Johnson LaMark did not attend meeting. Rex reported that the November meeting will be in the U of H University Center Underground and Cougar Den. The Houston room has been reserved for the Swap Meeting in January. Date for Swap Meet is not set vet.

Treasurer: Barbara Long

Net profit for the year is \$2,128.56. There are some adjustments to be made in November. CD sales should be classified under Library instead of Miscellaneous

#### Membership: Michael Lawshae October membership is 420. Each month Mike will give Barbara a list of members who have paid in advance so she can properly book the fees. (90 have already paid for next year.)

Apple Barrel: George Sroka

The Apple Barrel is being mailed to everyone for November. The Barrel runneth over. There are more articles to be printed than he has room available. The November issue will include a map of UH and notes on how to get there, the membership special, Powerbook raffle. In regards to the new editor, George suggested that the position be split into two: the editor and the production manager. He suggested Janet Marks and David Crook for these positions.

Apple Barrel Ad Manager:

No manager and no report.

Apple II Librarian: Bruce Baker Bruce was not present and there was no report.

Mac Librarian: Morton Butler Mort gave Mike Lawshae 50 CD for OS 9 (CD #5) last month. There will be a new CD for OS X for December for Bob

Levitus' appearance. CD will be \$10 and have Bob's photo. We will have 100 of these CDs made. Disk Inc has been handing out CDs with the HAAUG logo.

Boutique: Vicki Sanders-Johnson Vicki was not present and will not be back. So a new Manager is needed.

#### HAAUG Hotline: David Trevas

David was no present. Mike Lawshae says David will be working on the revision to the Hotline into next year. There have been complaints about the current Hotline; Rex will check the answering machine. We need an estimated date of completion from David.

HAAUG Heaven: Randy Herzstein HAAUG Heaven is up and running (crashed last week). Randy is waiting for OS X version of First Class due out this

quarter. He has been blocking a lot of spam, especially international. All but 12 old members have e-mail accounts and get e-mail when the account is set up. Mike Lawshae calls all new members and welcomes them. Doing this by letter is too much work. Members are auto e-mailed when it is time to renew their memberships.

#### HAAUGNet: Jeff Davis

We have 13 members and more than 5 waiting for DSL service. We are close to signing the DSL service contract with IAPC. We need to look into insurance for our equipment at IAPC.

Webmaster: Isabel MacCrimmon Isabel was not present. Rex reports ETA for the new website is January.

#### Publicity/Vision: Joe Fournet

Joe was not present but sent an email that the notice on the Swap Meet went out and the press release on the raffle winners.

SIG Coordinator: Philip Booth

Phil asked the SIG leaders for topics and is trying to figure out where the SIGs will be at UH. The Green Apple SIG was a big success.

Mentor: Jim Oliver

Jim was not present and there was no report. He continues to do what he does.

Vendor Coordinator: Rex Covington

#### No report.

Volunteer Coordinator: Vicki Sanders-Johnson

Vicki was not present and will not be back. So a new Coordinator is needed.

#### **Committee Reports:**

Powerbook Raffle: Rex Covington Raised \$445 so far. Although there have been complaints about the time the drawing was held at the July Swap Meet, the Board decided to keep it at 1:00 P.M. Brochures: Rex Covington

Jeff gave the InDesign software to George. George will laser print a few to see how we like it. He will post as a pdf file to Club Business. It still needs "sprucing up" and graphics/pictures. He will print

more business cards.

Spring Fling: Phil Booth

Committee has met and discussed ideas. They see this as a "tune up your Mac" event. Longer seminars on OS X, Elements, etc. Maybe two hours. Other items that may be included: OS X boot camp, Mactrivia challenge, vendors, BBO, HAAUG birthday cake. It will be held at the Bellaire Civic Center and will cost \$75/hour. It was suggested we charge the following fees to attend: \$20 per person in advance for members, \$25 at the door, \$25 for non-members, \$30 at the door. It was suggested the event be renamed HAAUG MacFest. Scheduled for March 22, one week after the March general meeting.

#### Old Business:

Select new Apple Barrel Ad Manager: Still not takers for position. Startronics owes for ads. Keith Madden owes for membership sponsorship. CV Rao (Mac America) will start advertising.

Nominations Committee: Mike Lawshae

David Jaschke outlined the elections process. Mike had a handout. There is a nominations folder on HAAUG Heaven

Budget Committee: Rex Covington

The committee was reminded that the proposed budget needs to be presented at the December Board meeting so David Jaschke can present it to the general membership for approval at the December general meeting.

#### HAAUG Trec: James Warren

David Trevas will chair. Other members are Rex Covington, Joe Fournet, Joe Kudrna, and James Warren

#### New Business:

Toys for Tots: Phil Booth said he can arrange for the Marines to be at the December general meeting to collect toys (new unwrapped) and donations.

Time for Nominations: Phil will revised the schedule to allow more time for the business meeting due to the nominations process. This will be scheduled before the main presentation to maximize attendance.

Renewal of Maintenance Contract The maintenance contract with Centricity for First Class server as approved for \$877 plus tax for two years.

Spam blocking: The Board voted to confirm that it supports Randy's proposal regarding blocking certain domains due to the prevalence of spam from those domains.

UH Rent: Rent up to \$1200 was approved for the January Swap Meet at UH.

November Apple Barrel: The additional expense for mailing the November Apple Barrel was approved for up to \$150.

Business cards: The Board approved \$100 to print more business cards. Adjourned: 8:50 P.M.



# All-Mac radio show with LeVitus, Sheppard airs on Saturdays

Editor's Note: Houston Chronicle Columnist Bob LeVitus e-mailed his regrets to HAAUG for having to cancel his traditional December appearance for the reason outlined in the following news release.

Also, a CD containing his best software picks for 2002 will be sold at the meeting with proceeds to benefit HAAUG.

The Inside Mac Radio Show, a new weekly broadcast, debuted Saturday, Dec. 7, at 11 AM Pacific Standard Time on CNET Radio on the Net, KNEW radio AM 910 in the San Francisco Bay Area, and on XM Satellite Radio, channel #130 nationwide.

The show is hosted by Bob "Dr.

Mac" LeVitus and his co-host and Executive Producer, Scott Sheppard. Between them, they take an exhilarating look at what's new and exciting in the world of Macintosh each week. From the digital hub to the den of the Jaguar, LeVitus and Sheppard are on top of what's happening in the Mac world, and these guys aren't afraid to tell it like it is. In addition to taking calls from listeners, the show will serve up lively segments about things Macintosh, like:

News, Reviews, New products, Commentary, Point/Counterpoint, What's hot and what's not, How-tos, Interviews, Contests, Tips, and more. LeVitus is the author of 41 com-

puter books and one of the worlds leading authorities on the Mac and its OSes. Sheppard is the creator and Editor-in-Chief of the popular Mac web site OSXFAQ.COM. Together they've got more than 25 years of experience with the Mac and the things you can do with it (or things it can do to you). Their friendly banter and occasionally violent disagreements make for some great radio for Mac enthusiasts.

To listen via the web, go to:

http://www.cnetradio.com.

C|NET Radio is the first and only radio station in the U.S. with a news/ talk format dedicated to technology and the business behind it.

### Welcome these new and renewing HAAUG members from Nov. 2002

John Allgood Marcus Aquino Tom Aubin Jr Bruce Baker **Douglas Baysinger** Kenneth Bennett Zack Bigner

Rachel Brown Brenda Cook **Kris Cummings Ralph Davis** John Ent Michael Epstein Joe Fournet

David Franklin Mary Lynn Furay Arnold Grossman Gene Guinn Paul Hauffe Larry Haymes Stephen Herzberg

Christine Infante Daniel Kaufman Isabelle MacCrimmon Leisa McCord Robert Meineke Joseph Nowicki James Pavlosky

Suzanne Revere Joseph Schatz Danny Schnautz Karl Seibert John Spear Hubert Tett Roy Wunderlich

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# Under the Hood: Dozens of utilities enhance OS 9 & X

#### **BY ROBERT C. LEWIS**

HAAUG MEMBER, SIG LEADER

Editor's Note: This is the continuation of an article on freeware, shareware and commercial utilities for OS 9 and OS X.

#### FISHPAD

#### (FREEWARE OS X).

You may have found that Stickies is not the same as our trusted Notepad was in OS 9. Fishpad is a clean simple replacement for Notepad. Fishpad also has a few features that were not found in Notepad. These new features include font selection, style, point size, alignment and ruler settings. It also has a Find feature, and a Spelling Checker.

#### MOOSEPAD

#### (SHAREWARE OS X)

Like Fishpad, MoosePad is an alternative to Stickies. You will quickly discover that all the features I mentioned for Fishpad are found here as well. But that is where the similarities end. One of the most powerful features of MoosePad is the ability to create additional databases. Although database may sound fancy, it simply means that the user can create multiple pads. This is a great feature which allows you to categorize each of the pads and not clump all of your data into one pad. You can also create Auto Fill tasks (i.e. name, address, etc.). A date/time stamp is also included. Other features include font color, page color, table of contents, auto software update,

number of databases to keep track of, and much more. This is a very powerful replacement for the old Notepad, and like other shareware, you can download it for a 15-day trial period

#### ASM

(DONATION/FREEWARE OS X) Remember the application menu in 9.X and below? In OS X, the dock was designed to take the place of it. Although it is a great idea, I have found that I would rather have the application menu. I tend to keep the dock hidden most of the time, and don't like to have to search for a specific application icon in a sea of tiny icons due to the number of items residing in the dock. ASM resolves that problem by recreating the application menu in the upper left-hand corner of the menu bar. All the features that were found in the classic version are here as well. You can also customize the menu by setting the applications in alphabetical order, or show whether to list the applications by name, icon or both, adjust icon size, and many other features. ASM is a much better way to keep track of the applications that are up and running. ASM is a combination of

Freeware and Donationware, which means if you like it, you can either decide to donate to

help ensure further development of ASM, or pay nothing at all.

### LIGHT SWITCH

(FREEWARE OS X)

Light Switch is an application switcher for OS X. Preselecting either the command, option, or control keys, in conjunction with the tab key, brings up a dialogue box that lets you move from one open application to another. Once invoked, you can also press other keys to perform other commands. Pressing "F" will force-quit an application, while "M" will bring up the current application's contextual menu. Keys that perform other functions are well explained within the program.

#### CLASSIC MENU

#### (SHAREWARE OS X)

This utility restores the OS 9 Menu Bar to OS X. You can add aliases to the menu from within the program, or by drag-and-drop. It can also restore the old tried-and-true rainbow apple. If you place a folder or mounted volume in it, the menu will tree out allowing you to access the contents within. However, from what I currently read online, Classic Menu may not run under OS 10.2.

#### **DOCK-IT** (SHAREWARE OS X)

Although the dock in OS X is a great idea, you may have found that it does not take much to fill it up. Dock-It adds additional functionality to the dock by giving you multiple docks to work with. When you launch Dock-It for the first time, you will be presented with its default dock. Within the dock you will find all mounted volumes and your Home folder. Clicking any of these items will cause them to tree out, allowing you to navigate within each item. Making multiple docks is a very useful feature, because you can tailor the dock to your specific needs. An-



other excellent feature is the shelf area. in the dock, which makes it easier to move a file

or folder from one place to another. You must first drag the item to the shelf on the dock, locate the destination folder (or volume) where you wish to move that item, and drag the file (or folder) from the shelf to that destination.

# **EJECT ME! and TRASH IT!** (FREEWARE OS X)

These two items are simple Apple scripts that perform what their names describe when all else fails. Eject Me! takes over when pressing the eject key fails. Now that there is no paper clip hole to force the CD/DVD drive door to open, Eject Me! will execute an emergency command that forces the drive to eject. (A much better alternative than taking your Mac to the shop.) Trash It! is designed to get rid of those nasty files that refuse to trash, because the files are usually locked. Under OS 9, you can get around this by pressing the option key as you select the Trash command. In OS X, Trash It! takes the place of that command.

Look for more installments on utilities for Mac OS 9 ざ X in future issues of the Apple Barrel.





## Bring new toys to meeting for Toys for Tots campaign

December's HAAUG fortunate in our community. meeting will also serve as a

collection for the Toys for Tots campaign sponsored by members of the United States Marine Corp Reserve. Members are asked to donew. nate unwrapped toys at the De-

cember meeting and share their holiday with the less

The toys do not need to be technology or Apple related. Just a toy for either a boy or girl. Toys for Tots has brightened the holidays of boys and girls for 55 years. For more information, go the Toys for Tots web site at:

http://www.toysfortots.org/ 2002/about.html.

President David Jaschke

# HAAUG Board Nominations for 2003

To be voted on by members on Dec. 21

1st Vice President Programs Rex Covington 2nd Vice President Facilities Joe Kudrna Secretary Lyda McGhee Treasurer Barbara Long Director-at-Large 1 Clair Jaschke Director-at-Large 2 Michael Epstein Director-at-Large 3 James Warren Director-at-Large 4 Elizabeth English Director-at-Large 5 Joe Fournet Director-at-Large 6 Rick Roberts Appointed by Board: Apple Barrel Editor David Crook Apple II Librarian Bruce Baker HAAUG Heaven Sysop Randy Herzstein Mac Librarian Morton Butler Membership Chairman Michael Lawshae Senior Adviser Howard Fitter SIG Coordinator Phillip Booth



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Multimedia

## OS 9 boot up

#### Continued from page 1

they will need to remove the "Classic environment" from the system. No developer will agree to that because Mac users cannot avoid classic applications.

The uproar is over the many classic applications and hardware that will not function in OS X. For one reason or another, various critical items are vital to the users. If they cannot boot into OS 9 directly, they cannot use that application or peripheral. In effect, Apple will discourage future sales of its OS X-only computers with what amounts to a misguided and errone-

## Transmit tops in OS X

Continued from page 1

#### Life's a drag

Once you're connected to the remote server, Transmit provides you with many ways to work. Uploaded and downloaded files can be easily moved by dragging and dropping them between the two panes. You can also drag and drop to and from the Finder. This isn't limited to uploads and downloads; you can also move local files. In fact, Transmit's integration with the Finder is very tight: the methods are the same for renaming files, viewing Get Info, showing a preview and deleting a file. Keyboard commands and modifiers are also similar.

To determine which files you want to transfer to the server, you can preview files in a Preview Drawer. For text files, it will show you the plain text (HTML, if appropriate), and for graphic files, it will display the image along with information about its pixel size. You can also open and edit text files directly in Transmit, perform a spell check and search or replace. For files on remote sites, the changed file is uploaded when you save, replacing the original.

Admittedly, this feature won't replace a powerful text editing tool, such as BBEdit, but it's a very convenient way



ous plan to force OS X on them.

The only way Apple can have OS X be adopted exclusively is by advertising its strengths and encouraging developers with incentives or assistance where needed. This "let's kill off OS 9" strong-arm tactic will only create hatred by its customers. Microsoft tried a similar tactic by forcing Internet Explorer down everyone's throats, which resulted in an investigation by the Department of Justice and resentments by a large portion of PC users.

By not including OS 9.2.2 with OS 10.2 (the latest release) and preventing new Macs from booting in OS 9 come January, Apple is in effect killing

to make quick changes to HTML and server configuration files, instead of downloading, opening in a text editor, saving and re-uploading. [Version 2.1 added the ability to edit in BBEdit as well as directly in Transmit.]

One of the most popular features in Transmit is folder synchronisation. Instead of trying to determine which files need to be updated one by one, Transmit can do this for you automatically. You can have it Update, where older files are replaced by newer ones, or Mirror, where older files are replaced by newer files and files that don't exist in the source directory are removed from the destination. Like anything else in Transmit, Synchronize can go in either direction. New to this version is the ability to specify a time offset, so Synchronize won't get confused by a difference in time zone from your machine to the remote server.

Transmit has always had the ability to connect to multiple servers at the same time. Now it can connect to the same server multiple times. This allows you to navigate the site while a transfer is occurring, and queue additional transfers. The extra transfers appear in a Queue drawer to show their progress and status.

#### Night shift

If you need to run several transfers overnight, or while you're away from off OS 9 and undermining sales. If a customer cannot use what Apple has to offer, he will look elsewhere. Customers ultimately dictate what Apple can do, not a pointless decree.

January marks the end of 18 years of the original Macintosh operating system and its descendents. Even the name Macintosh<sup>™</sup> is fading, replaced by the terms Mac<sup>™</sup> or MacOS<sup>™</sup>. Every facet of the original Macintosh from the Motorola 68k CPU's, SCSI, ADB, Serial ports, Balloon help, LocalTalk, and Chooser—are gone or replaced by substitutes that do not work like the originals. Even the "Happy Mac" is gone in OS 10.2.

your computer, Transmit sports a Batch Download feature. Once the Batch Download window is opened, files to be downloaded from multiple locations can be dragged and dropped on to it. The downloads will ony start when the Start button in the Batch Download window is pressed.

The one problem with Transmit 2.0 was a measure of instability, particularly when things aren't going well. There were times when the program would crash when there was a difficulty connecting to a remote server. Several files caused Transmit to stall when the Preview drawer was open, but upon attempting to view them again, they previewed fine.

However, version 2.1 has fixed these and if you use FTP in OS X, Transmit is the best, and most Mac-like, tool you'll find. Both the upgrade and new user prices are well worth it.



Dec. 21, 2002 at Rice Univers

HOUSTON AREA APPLE USERS GROUP

	McMurtry Auditorium 1	Jensen Conference Room 2	Jamail Conference Room 3	Jamail Ante-Room 4
9:00 am	Green Apple	SpreadSheets	Mac 101	Open
10:00 am	OS X	Apple/Clarisworks	Mac Fundamentals	Open
10:45 am	OS X (contd)	Open	Open	New Member Orientation
11:15 am	Main Presentation	Open	Open	Open
12:15 pm	Business Meeting	Open	Open	Open
12:30 pm	Web Design	Mac Games	Mac OS & Unix	Mac one on one As Needed
1:45 pm	Digital What Ever	Mac Games	Cocoa Programing	Open

### **Main Presentation**

To be announced...

# **Upcoming Meetings**

## LeVitus cancels appearance

The main presentation on Dec. 21 at Rice University is to be announced. Bob LeVitus had to cancel his appearance due to a new commitment to a Saturday radio show (see page 3 for details).

However, a CD of his annual picks for best software will be sold at the meeting with all proceeds to benefit HAAUG.

In January, HAAUG will hold the first Swap Meet of the year at the University of Houston.

# HAAUG Board meets Jan. 7

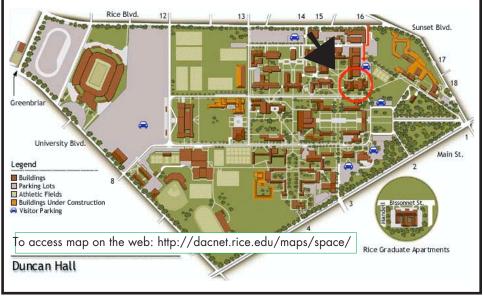
The HAAUG Board of Directors will meet next at 6:30 p.m. Tuesday, Jan. 7, in the offices of HAL-PC, 4543 Post Oak Place. Members are welcome to attend.

# **HAAUG** meets at Rice University

HAAUG meets on the Rice University Campus in Duncan Hall. The meeting space is being donated by Rice, and we're extremely grateful for their generosity. **DIRECTIONS TO THE MEETING**:

**From US 59/the Southwest Freeway**: Exit Greenbriar. Turn South toward the Rice University Campus. Turn East (left) on Rice Blvd. at the light. Look for entrance 16 on the right past Rice Stadium.

From Loop 610/the South Loop: Exit Main Street. Turn North toward the Medical Center. Turn West (left) on Sunset Blvd. Sunset Blvd. and Rice Blvd. split in about 1/2 to 1 block. Bear left on Rice Blvd. Entrance 16 is the first parking lot entrance on the left.



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Apple User Group

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**NEXT GENERAL MEETING...and more** 

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