# Network News

## Modem Access Changes

The Computing Center's Network Services group is taking advantage of the new campus phone system to simplify modem access. Here are the telephone numbers that now provide access to modems:

| Baud Rate | Connection Type | Number |
|---|---|---|
| 1200/300 | Gandalf Switch | 346-4391 or 346-4393 |
| 2400/1200/300 | Gandalf Switch | 346-3565 |
| 9600 and up | UOnet terminal server | 346-2150 |

If you attempt to dial in and get a bad connection, simply hang up and dial again. The new system connects you to a different modem each time you dial.

## cisco™ Terminal Servers Replace 3Coms

Network Services is also replacing many of the old 3Com (formerly, Bridge) terminal servers with new cisco servers. For the most part, you'll notice no significant difference between the two. Both types of server display the UOnet> prompt when they are ready to accept a connection command. However, you should be aware of two important changes:

1. cisco servers require that you type more than one carriage return to "wake them up."

2. To interrupt a session while using a cisco, you'll need to type a letter x after the familiar Ctrl ] you'd use to interrupt a 3Com session, i.e., Ctrl ] x

For more information on using cisco servers, pick up a copy of the free flyer "UOnet Terminal Services" in the Documents Room (205). Online help is also available by typing

$ help uomodem

## Network Services Hotline

If you need prompt assistance with a network problem, dial 6-4395. If you're dialing from a campus touch-tone phone, you may then press the number 1, 2, or 3 to select one of the following services:

1     Non-emergency calls
2     Recorded daily message and network status report
3     Emergency calls

We will do our best to see that you are able to talk to a "real person" rather than a recording when you press 1 or 3 during business hours (Monday through Friday, 8 am to 5pm). Pressing the emergency call number 3 and leaving a message will page a Network Services staff member, regardless of the time or day the message is placed.

If you don't yet have a touch-tone phone, you'll automatically be transferred to the Operations department when you dial 6-4395. You may also dial 6-4412 for daytime non-emergency assistance, and 6-1756 for the message of the day and status report.

# Free Mac Orientations

## 175 Computing Center
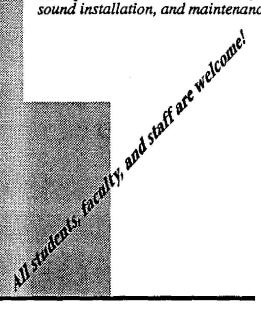
### BEGINNING MACINTOSH

Tuesday, April 16
Tuesday, April 23  } Noon - 2 pm
Tuesday, April 30

*a hands-on introduction to basic Macintosh operations (using the mouse, navigating the desktop, managing windows)*

### ADVANCED MACINTOSH

Thursday, April 18
Thursday, April 25  } 11:30am -1:30pm
Thursday, May 2

*a hands-on look at features such as disk optimization, virus detection, sound installation, and maintenance*

*All students, faculty, and staff are welcome!*

# TIPS

## MICRO

Here are a few tips to make your microcomputing life easier. The Mac pointers are but a sampling of those offered in the Center's Advanced Macintosh Training Workshop (see *Spring Workshops...* article below). Look for more micro tips for both Macintosh and DOS in coming issues of *Computing News*.

## Mac Shortcuts

### Navigating the *OPEN* menu

If you're a Macintosh user, you can save time selecting file titles from the Open... dialog box by using your keyboard instead of your mouse. Here are some techniques for quickly accessing what you want:

- **To move up or down the list of files** - use your up and down arrow keys (↑ and ↓)
- **To move to the top of the list** - type → or ← or press the *delete* key
- **To move to the bottom of the list** - press ~ (the *tilde* key)
- **To select a file alphabetically** - press the key that corresponds to the first letter of the filename (e.g., press **m** to select a file named **moss data** and **b** to select the file **badger traits**.) If you have more than one filename beginning with the same letter, the first filename in the group will be selected (e.g., pressing **m** would select **memos** first, **moss data** second, and **muskrats** last)
- **To move up to the parent folder** - type ⌘ ↑ (Command/up-arrow)

## DOS Tips

❑ Ever have the screen scroll by too fast while using the DIR or TYPE commands? You can freeze your screen long enough to read your directory display by typing **dir/p**. To read a text file one screen at a time, type **type** *filename* |more ( | is the "pipe" symbol, a *Shift/backslash*). When you're ready to view the next screen, just press your *Enter* key.

❑ Did you know you can sort ASCII text files and directories in DOS? Here are some examples:

| | |
|---|---|
| sort<mylist | sorts file line by line, in ascending order |
| sort/r<mylist | sorts file in descending order |
| sort<mylist>sortfile | sorts file and saves the result in a file named SORTFILE |
| DIR C: |sort |more | sorts current directory in C:, and slows scrolling to display one screen at a time |
| DIR C: |sort/+16 |more | sorts by size, showing largest files first |

# *Spring* *Workshops...*

Each term the Computing Center offers a series of free, non-credit workshops to University faculty, staff, and students. As noted below, pre-registration is required for some of the Spring 1991 workshops. Pick up a flyer at either of the Center's reception counters for brief descriptions of the workshops. In addition to the scheduled workshops, departments can arrange for on-site training on computer hardware and software supported by the Computing Center. For more information, call Howard Loewinger at ext. 6-1718.

## DROP-IN WORKSHOPS

- *Introduction to the Macintosh (Noon - 2pm, 175 Computing Ctr)*
    - Tues, April 16    Tues, April 23    Tues, April 30

- *Advanced Macintosh (11:30am - 1:30pm, 175 Computing Ctr)*
    - Thu, April 18    Thu, April 25    Thu, May 2

- *Windows Applications (Vendor presentation)*
    - Tues, May 7  2 - 4:30pm,  245 Comp Ctr
    - Includes demos of Windows, Word for Windows, Excel, PowerPoint, and Project

## WORKSHOPS REQUIRING PRE-REGISTRATION  *(Call 346-1700 to register)*

| | | | |
|---|---|---|---|
| • *Intro to VAX/VMS* | Tues, April 16 | 2 - 4pm | 165 Computing Ctr |
| • *WordPerfect 5.1 (Merging, Sorting, Label-printing)* | Mon, April 29 | 2 - 4pm | 165 Computing Ctr |
| • *Mac - IBM Compatibility* | Wed, May 1 | 3 - 4:30pm | 245 Computing Ctr |

# On the Road...

*the Microcomputer Support Lab presents*

## Pacific Northwest Computer Roadshow

**wednesday      april 24      emu ballroom      11am - 4pm**

- **Product exhibits**

  - **Presentations**          • **Giveaways**

    • **Representatives from**

| | | | |
|---|---|---|---|
| **Apple** | **Claris** | **Aldus** | **Supra Corp.** |
| **IBM** | **NeXT** | **Lotus** | **Microsoft** |
| | | | **and others...** |

*This Roadshow will be touring campuses throughout the Willamette Valley.*

# New Mac Software on CD-ROM

The Computing Center recently updated its Boston Computer Society (BCS) Macintosh public domain software collection with newly-released BCS version 7.0. The new CD includes

- **PD Navigator.** A HyperCard-based software catalog containing descriptions of all programs in the General and StackSet Libraries.

- **General Disk Library.** 130 disks, as of December 1990. Includes MacPaint files and EPS Clip Art, CDevs, desk accessories, antiviral programs, INITs, games, fonts, utilities, and much more.

- **StackSet Library.** 48 disks, as of December 1990. Includes HyperCard stacks and external commands (XCMDs) and functions (XFCNs).

- **Freedom Trail.** A HyperCard guide to Boston's historic tourist attractions.

- **Bonus Tracks.** The latest yearly compilation of fonts, artwork, sounds, HyperCard stacks, demo programs, and other all-new BCS releases.

- **Archives.** Monthly disks numbers 1-96, from May 1984 through December 1990.

Copies of the current BCS catalog are available in the Microcomputer Services Center in Room 207, and in the Documents Room (205). Programs are listed both alphabetically in the index and by category in the main catalog.

You may access the BCS public domain library from any properly configured Mac that's connected to UOnet. Those without other access to UOnet may reserve time on a Mac in the Services Center by calling 346-4412.

# New SYSTAT on the Way

Version 5 of the VMS SYSTAT statistics package will soon be available on OREGON. The new version features SYGRAPH, a powerful new graphics module. Most other features remain unchanged from the current version, SYSTAT 4.2.

A revised SYSTAT write-up will be available in the Documents Room in the coming weeks. Interested SYSTAT users may purchase the full set of Version 5 SYSTAT manuals at the UO Bookstore. Contact Andy Lillich or Cliff Martin in the General Book Department on the second floor for details.

For more information regarding the SYSTAT package, contact Howard Loewinger via phone (ext. 6-1718) or e-mail (username HOWARDL).

# EXSYS Upgrade Installed on OREGON

EXSYS Professional, the latest upgrade of the EXSYS expert system development package, is now available on OREGON. The upgraded package includes a five-part online tutorial, which you can access from VMS by typing

        $ learn_xs

Follow the lessons by responding to the prompts as they appear. You can escape from a lesson at any time before it is completed by typing a CTRL/Y. If you want to program your own expert system after studying the tutorials, you'll need to use EXSYS' rule editor. You start the rule editor by typing

        $ editxsp

If you wish to use an existing expert system, you'll need to use the run-time version of the program. You access and run this version by typing

        $ exsysp

EXSYS prompts you for the name of the expert system you wish to use.

An EXSYS user's guide will soon be available for study or check-out in the Computing Center Documents Room. In the meantime, direct your questions about the new version to Audun Runde (233 Computing Center, ext. 6-1714), or dispatch an e-mail message to username AUDUN.

# STAT CORNER

## Call direct for stat help

Thanks to the University's new telephone system, you may now call statistical consultants directly, without having to be routed through the Computing Center switchboard. Here's a list of current consultants and their new phone numbers:

| | |
|---|---|
| Rich Haller | 346-1716 |
| Howard Loewinger | 346-1718 |
| Audun Runde | 346-1714 |
| Joe St Sauver | 346-1720 |

If the person you're calling is out, you'll be able to leave a recorded message.

## VAX Grammar Checker aids literacy

Writing a term paper, article, or thesis? Are your essays returned to you bleeding red ink? Do you find yourself plagued by split infinitives, run-on sentences, or disagreements of number and tense?

Thanks to the new VAX Grammar Checker program, your days of grammatical shame and humiliation may be virtually over. To run the program, type

$ grammar *filespec*

from VMS, identifying the text file to be checked. Then press your PF4 key and type

grammar document

at the Command: prompt to begin the error-check. After you've made all corrections, you save a copy of the corrected document by typing a Ctrl/Z.

Note that Grammar Checker is designed to work only on *plain* text files. The program cannot deal with word processor documents containing formatting codes for bolding, underlining, etc.

For best results, you might want to study the *VAX Grammar Checker User's Guide* before attempting to use the program. The guide is available for checkout in the Documents Room.

## REDUCE symbolic math package arrives

Users of Maple or Mathematica will be pleased to learn that a new symbolic math package, REDUCE, is now available on OREGON.

Like other symbolic math packages, REDUCE can perform such actions as symbolically integrating and differentiating algebraic expressions, factorizing polynomials, inverting matrices, and finding eigenvalues and eigenvectors, to name a but a few.

A number of REDUCE documents are available online, including a user's guide (REDUCE.DOC) and a synopsis of known program bugs (BUGS33.DOC). If you would like to see a list of available document topics in the RDOC: directory, type

$ dir rdoc:

To print out a copy of any of these documents on plain white, $8^{1/2}$ x 11 paper, type

$ print/form=small  rdoc:*filespec*

## Say Goodbye to SAS 5.18

Beginning Spring Term, the SAS 6.06 statistics package replaces the old 5.18 version. Those who have yet to migrate to 6.06 can wait no longer to make the leap.

If you have further questions about the changeover, contact Joe St Sauver via phone (ext. 6-1720) or e-mail (username JOE) as soon as possible.

## New Features of SAS 6.06

Ever wish you could do interactive output to the terminal screen, or input from the terminal keyboard, while running SAS? Under version 6.06, you can!

If you'd like to see how this works, try creating and running the following sample interactive SAS program:

```
$ eve myio.sas
data _null_;
   length myname $ 20 outstr $ 200;
   myname=termin('What''s your name? ');
   outstr=æ='Welcome to doing interactive I/O, ' ll
     trim(myname) ll '!';
   retcode=termout(outstr);
   run;
<Ctrl/Z>
$ sas myio
```

For more information on the new SAS interactive I/O functions, see the *SAS Companion for the VMS Environment*, version 6, 1st Edition, pp. 312-318.

*- Joe St Sauver*