



# COMPUTING NEWS

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## New Academic Machine Planned

Plans are underway to purchase a mainframe/supermini to replace the DEC 1091. The new machine will also accommodate the current academic workload on the IBM 4341 and will be developed as a networking hub for the campus in the future. A Request for Proposal (RFP) specifying requirements for the new machine has been drafted by the Computing Center staff. After appropriate campus review, we hope to release the RFP to vendors by June.

Acquisition of this new academic machine will provide a major increase in campus CPU capacity, central disk storage, file service capability, access to special devices, information center services, and networking support.

## IBM 4341 NOTES

## BITNET Use Increases

Local use of the BITNET network, which links computers at more than 500 universities and research centers worldwide, is growing. Total messages sent and received averaged 1,476 per month from January through March, up from 758 in December. Over 50 people at the U of O exchanged messages and files with colleagues at more than 90 institutions throughout the U.S., Canada, and Europe during this period.

If you are interested in using BITNET, there are several sources of information to help you get started:

- Type HELP MAIL BITNET and HELP MAIL MENU on CMS.
- Obtain "A BITNET Guidebook", free from the Documents Room (205).
- See the September, 1985, issue of our *DeBug* newsletter.

For more information, contact Rich Haller at x4394 or via BITNET (106 @ oregon1).

## BITNET Guidebook Revised

A new version of "A BITNET Guidebook" is now available free in the Computing Center Documents Room (205). This version covers the NAMES program and sending and receiving files as well as messages.

If page 10 of your current copy of the guidebook says "Reserved for discussion of additional topics...", you may pick up a three-page update covering the new material.

## CMS Batch Hours Limited

The IBM 4341 has been operating at 100% capacity during the day, resulting in poor response time. Since CMS BATCH has been a major contributor to this problem, we have decided to limit its availability during the week.

As of April 21, CMS BATCH is available as follows:

Monday - Friday	Midnight - 10 am 10 pm - Midnight
Sat. & Sun.	Midnight - Midnight

You may still submit CMS BATCH jobs any time. Between 10 am and 10 pm, when CMS BATCH is unavailable, your job will be held. It will execute at night when CMS BATCH becomes available and you can retrieve your results the following morning.

## MICRO SCOPE

## Macintosh Orientations Offered

We are now offering biweekly orientations to introduce basic Apple Macintosh commands and maneuvers. These free, hands-on classes are given primarily for new Macintosh owners, but any U of O faculty, student, or staff member may attend. You must preregister, and priority will be given to Mac owners. Classes start at 10 am, Thursdays, and last about an hour and a half. To register, call x4394.

## U of O MacFest

Monday, May 12

10 am - 4 pm Room 167 EMU

Free Admission for All  
Macintosh Equipment Demos - Purchase Plan Info  
Department Exhibits - Macintosh Art Show  
Free drawing for Macintosh Plus

### Mac 800K Disk Drive Problem

On occasion, the Macintosh 800K (double-sided) drive does not fully eject a diskette. **DO NOT PULL IT OUT!** Pulling out a partially (less than 1/2") ejected disk will almost certainly damage the upper drive assembly.

Instead, re-insert the disk and use the eject or **⬤-shift-1** or **-2** commands to eject the disk. If all else fails, insert a large paper clip in the appropriate hole on the disk drive face to manually eject the disk.

## DEC 1091 NOTES

### UUCP Network Service Upgraded

The UUCP network (also called "usenet") connects thousands of computers running Unix and other operating systems at universities and corporations throughout the world. UUCP stands for Unix-to-Unix Communication Protocol.

Our DEC 1091 connection to the UUCP network has been upgraded to allow direct addressing of over 600 UUCP network nodes. You can send messages to people at UUCP sites using the DEC's MAIL program. Direct addressing of the form "user@node" greatly simplifies identifying the receiver of your MAIL message. However, you do need to know the name of the machine and the log-in id name of the person to whom you want to send MAIL.

For more information on using this network, type **\_HELP UUCP**. Type **\_HELP NODES** for an alphabetical list of directly addressable nodes.

## STAT CORNER

### SAS Bug

A bug involving the use of the BY statement with the Version 5 SAS procedures CANCELL, FACTOR, PRINCOMP, RSQUARE, and VARCLUS was uncovered recently. This bug, which caused incorrect results from these procedures, has been fixed. However, if you used these procedures with a BY statement before April 10, you should rerun your analyses or contact Pat Holleran (x4394) for additional details.

### Please Report Stat Pack Bugs

If you feel you have discovered a bug in one of the statistical packages, please report it to a statistical consultant. Bring printouts of all your program input and output to the Mainframe Consulting Office (207) between 10 and 11 am any weekday.

### BMDP To Stay

Because of uncertainty regarding the nature and timing of a replacement for the DEC 1091, we have decided to keep the BMDP package on the DEC. Contrary to previous announcements, BMDP will NOT be removed this summer. Ample warning will be provided to current users of the package before any future changes are made.

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