

ST. PAUL CAMPUS COMPUTING NEWSLETTER

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27 North Hall
St. Paul Campus
373-0987, 0990

COMPUTING CENTER (North Hall)

1. EXTENSION OF HOURS ON WEEKENDS

A computer operator is now on duty both Saturdays and Sundays. Specific hours of operation for each weekend are posted in room 24 on Thursdays. The Computing Center continues to be open daily, Monday through Friday, from 7:00 a.m. to midnight.

2. INTRODUCTORY AND ORIENTATION SEMINAR

An introductory seminar for new and prospective users of the equipment and services available in the Computing Center is scheduled for Wednesday, February 9, from 2:30 to 4:30 p.m., in room 6A, North Hall. Those wishing to attend this seminar should call or write Mrs. Eva Klein, 27 North Hall (373-0987), providing her with your name, department, and telephone number. The subject matter of the seminar will relate to the following topics:

Equipment

- IBM 360 Model 30
- Univac 1004 terminal
- Teletype Terminal (MIRJE)
- Hewlett Packard programmable calculator
- Unit-record equipment (sorters, reproducers, etc.)
- Keypunch equipment
- Miscellaneous equipment (copier, burster, decollator, etc.)

Services

- Application programming
- Computer programming consulting
- Keypunching
- Unit-record and computer equipment operations
- Software available

Miscellaneous

- Card and paper supplies available
- Magnetic tape, card, and printout storage facilities
- Open-shop operations
- Account numbers and costs of services
- Access to facilities and hours of work
- Tours, demonstrations, and short courses available

3. APPLICATION PROGRAMMING

The center is now in a position to take on additional work in application programming. Programming services are offered on both the IBM 360/30 system and the CYBER 74. Those wishing to utilize these services may contact Jim Colten, 373-0987 or 373-0990.

4. SP37 - LEAST SQUARES PROGRAM

An operational supplement to SP37 has been prepared to assist users with the program setup. The supplement helps clarify the method used in variable assignment and explains problem control card restrictions. Copies are available at the main office.

5. FORTRAN PI COURSE

The center has now replenished its supply of FORTRAN PI (Programmed Instruction) course manuals. These self-taught courses may be loaned out (\$5 deposit required) or purchased from the main office. To obtain these manuals, please contact Mrs. Eva Klein, 27 North Hall (373-0987).

MINNESOTA ANALYSIS & PLANNING SYSTEM (MAPS)

MAPS USERS SEMINAR

The next MAPS Users Seminar will be held on Tuesday, Feb. 8, from 9 a.m. to about noon in Room 401, Coffey Hall.

The presentation includes information on such MAPS data files as the 1970 Census of Population and Housing, the 1974 Agriculture Census, and data files that have been transferred from the Minnesota Departments of Education, Natural Resources, Highway, Public Safety, and Revenue.

Information on MAPS services, facilities, and computer-related activities is also discussed. Other seminar dates include April 12 and June 14. To register, or for additional information, call the MAPS office (376-7003).

LEGISLATIVE DIRECTORY AVAILABLE

A Legislative Directory, containing the name, address, profile, and committee assignments of each Minnesota legislator, will be published this month by the Minnesota Analysis and Planning System.

The directory has information on party affiliation, district number, occupation, and education, along with both the home and capitol office addresses. Maps of the Minnesota legislative and congressional districts are also included.

Informational input for the 1977 directory was obtained from individual members of the legislature, published sources, and legislative offices. Single copies are available free from the MAPS office.

APDU DATA FILE DIRECTORY

The 1976 Association of Public Data Users (APDU) Data File Directory, which contains information on member data files, is available at the MAPS office.

APDU's Data File Directory represents an effort by the national organization to maintain a central directory of each member's public data.

As a APDU member, MAPS makes available a number of public data files and utilizes, as requested by its users, files from other APDU organizations.

The directory has a complete file name and keyword index. APDU is composed of universities, businesses, and public service groups from throughout the U.S. For further information about the Data File Directory, which lists files from such groups as the Bureau of the Census, National Agricultural Library, the Rand Corporation, and the Alan Guttmacher Institute, contact the MAPS office.

BIBLIOGRAPHY AND KEYWORD INDEX SYSTEM

MAPS has recently devised a bibliography and keyword index system that provides an accurate and efficient procedure for creating, updating, and cross-referencing a bibliography.

The system can be used to compile a master bibliography with many subsets, organized by whatever criteria the user desires.

Information is submitted on a bibliography input form specially designed by the staff. A reference number is used for changes or deletions in the material.

Two standard retrievals that have been programmed for the system include (1) a bibliography listing which may be ordered by reference number, alphabetically by author, or by a user defined code and (2) a keyword cross-reference table.

MAPS OPERATIONS LEADER

David Nelson, recently on leave for a year at Boise State University, has returned to his position of operations leader at MAPS effective Jan. 1, 1977.

CLASSROOM OFFICE BUILDING COMPUTING FACILITY

Facilities for computing and consulting are available in Room 125, Classroom Office Building. These include an interactive computing laboratory, a remote job entry to the University's CYBER 74, and consulting services on statistical problems arising in research and on statistical computing.

INTERACTIVE COMPUTING LABORATORY

Room 125E contains the Saint Paul Campus Instructional Time Sharing Laboratory. This is sponsored jointly by University Computer Services and the Department of Applied Statistics. The lab has 12 terminals offering hard-wired and dial-up connections to the MERITSS CYBER 72 computer and the MECC Univac 1110. In addition to several TTY33's, terminals available include an APL/graphics CRT terminal (Tektronix 4013), several 132-character per line printing terminals (Decwriters, TTY38's, and a DI/AN 9030), and two Hazeltine CRT terminals with hard copy capability. The TTY38's are equipped with the APL character set in addition to the standard teletype upper-case ASCII characters.

The lab is open from 8:00 a.m. to 9:00 p.m. on Mondays and Wednesdays, 8:30 a.m. to 9:00 p.m. on Tuesdays and Thursdays, 8:00 a.m. to 6:00 p.m. on Fridays, and 9:00 a.m. to 2:00 p.m. on Saturdays. Undergraduate consultants are on duty for approximately 55 hours per week, including all evening and Saturday hours. Their schedule changes from time to time and is posted in the lab.

The interactive lab may be reserved for instructors for classroom use by calling C. Bingham, 373-0988. Classes will not be scheduled for consecutive hours. Students or faculty members can reserve individual terminals in advance for times when no class is scheduled by signing up in the reservation book in Room 125E.

For after hours use, a key may be signed out overnight or for the weekend in Room 352 before 4:15 p.m. Students will be required to leave their student I.D. card to check out a key plus a \$1.00 deposit.

Note that the laboratory is for instructional use on the MERITSS or the MECC Univac 1110 systems. A limited amount of MERJE computing is tolerated at slack times. However, individuals wanting to use MERITSS or the 1110 have absolute priority at all times. In particular MERJE users should not tie up the Decwriter terminals.

REMOTE ENTRY TO CYBER 74

A Univac 1004 terminal which can communicate with the University's CDC CYBER 74 computer is in Room 125G. Two model 026 keypunches are also available for short time use. Room 125D has been set aside as a workroom for users of this terminal. For consultants, hours, and keys, see the interactive lab above.

STATISTICAL COMPUTING CONSULTANTS

To make possible more effective and productive use of the computing facilities, the Department of Applied Statistics and the University Computer Center provide consulting on statistical computing in Room 125C. The consultants, graduate students in the School of Statistics, provide assistance in the use of most of the standard statistical computer programs available, including SPSS, BMD, OMNITAB, IMSL, UMST, ISIS, and SNAP. In addition, some advice on data management, tape handling, etc. is available. A schedule for winter quarter is below. An up-to-date schedule will be posted on the door to Room 125C.

THE STATISTICAL CLINIC

The Statistical Clinic in Room 125C is supervised and scheduled by the Statistical Center, the consulting arm of the School of Statistics. It is a service available to the University community, especially to graduate students with statistical problems that arise in planning experiments and analyzing research results. The clinic is staffed by statistics graduate students and should be the first place to turn for statistical advice. The scheduled hours for winter quarter are below. An up-to-date schedule will be kept posted on the door to Room 125C. Further information can be obtained from Frank Martin (373-1048), Director of the Statistical Center.

Schedule for Statistical Computing Consulting (SCC) and the Statistical Clinic (SC) (all in 125C):

Monday: Picard 1:00-2:30 p.m. (SCC)
Tuesday: Holschuh 10:30 a.m.-3:30 p.m. (SC); Grambsch 9:00 a.m.-1:00 p.m. (SCC); Picard 12:00 noon-5:00 p.m. (SC)
Wednesday: Mattjik 8:00-10:00 a.m. (SC); Picard 1:00-2:30 p.m. (SC&SCC); Grambsch 8:30-10:30 a.m. (SCC)
Thursday: Holschuh 10:30 a.m.-3:30 p.m. (SC); Sastroewignjo 1:30-3:30 p.m. (SC); Grambsch 8:30 a.m.-1:00 p.m. (SCC); Picard 12:00 noon-4:00 p.m. (SCC)
Friday: Siswadi 8:00-10:00 a.m. (SC); Johnson 11:00 a.m.-1:00 p.m. (SC); Grambsch 8:30-10:30 a.m. (SCC)

BIOLOGICAL SCIENCES COMPUTING FACILITY

A Univac 1004 terminal is located in Room 253 of the Bioscience Center. This room is open 24 hours a day, but the building is locked after 5 p.m. Those people wishing to use the facility after this time should contact Nancy Hartung (room 256) for temporary use of a building key. There is also one keypunch machine at this site that is available for short-term use. Users are asked to furnish their own cards.

GENERAL INFORMATION ABOUT COMPUTING EQUIPMENT BY LOCATION

Equipment Type	Location	Hours of Service	Key Staff Personnel	Telephone
IBM 360/30 computer	22 North Hall	8:00 a.m.—4:30 p.m. (M-F)	Dave Schempp (consultant)	373-0987
		7:00 a.m.—5:30 p.m. (M-F)	Key Punch Supervisors	373-0992
		8:00 a.m.—4:30 p.m. (M-F)	Secretary (Account clerk)	373-0990
		7:45 a.m.—Midnight (M-F)	Operations staff	373-0990
		8:00 a.m.—Noon (Sat)	Operations staff	373-0990
Univac 1004 terminal	24 North Hall	8:00 a.m.—4:30 p.m. (M-F)	Jim Colten (consultant)	373-0987
		7:45 a.m.—Midnight (M-F)	Operations staff	373-0990
		8:00 a.m.—Noon (Sat)	Operations staff	373-0990
MIRJE teletype terminal (for research use only)	24 North Hall	8:00 a.m.—4:30 p.m. (M-F)	Jim Colten (consultant)	373-0987
		7:45 a.m.—Midnight (M-F)	Operations staff	373-0990
		8:00 a.m.—Noon (Sat)	Operations staff	373-0990
Hewlett-Packard 9100B	20 North Hall	By arrangement	Secretary or Operations staff	373-0990
CDC 200 terminal	415 Coffey Hall	7:45 a.m.—4:30 p.m. (M-F)	David M. Nelson	376-7003
		7:45 a.m.—4:30 p.m. (M-F)	Elaine Greenfield (office supervisor)	376-7003
		7:45 a.m.—4:30 p.m. (M-F) (after hours use by arrangement)		
MIRJE teletype terminal (for research use only)	415 Coffey Hall	7:45 a.m.—4:30 p.m. (M-F)	David M. Nelson	376-7003
		7:45 a.m.—4:30 p.m. (M-F)	Elaine Greenfield (office supervisor)	376-7003
		7:45 a.m.—4:30 p.m. (M-F) (after hours use by arrangement)		
Univac 1004 terminal	125G Classroom Office Building	8:00 a.m.—9:00 p.m. (MW)	Consultant	373-0829, 376-3846
		8:30 a.m.—9:00 p.m. (TTTh)	P. Haswell (secretary)	373-1037
		8:00 a.m.—6:00 p.m. (F)	S. Weisberg	373-1068
		9:00 a.m.—2:00 p.m. (Sat)		
Interactive instructional lab	125E Classroom Office Building	8:00 a.m.—9:00 p.m. (MW)	Consultant	373-0829, 376-3846
		8:30 a.m.—5:00 p.m. (TTTh)	P. Haswell (secretary)	373-1037
		8:00 a.m.—6:00 p.m. (F)	S. Weisberg	373-1068
		9:00 a.m.—2:00 p.m. (Sat)		
Univac 1004 terminal	253 Biological Science	9:00 a.m.—3:00 p.m. (M-F)	Nancy Hartung	376-3067

MAILING LIST CHANGES

If you want to make changes on our newsletter mailing list, please check the appropriate box, print your name, address and department, then return this section to Mrs. Eva Klein, 27 North Hall, St. Paul Campus.

- Remove the following name(s) from the mailing list.
- Add the following name(s) to the mailing list.
- Make the following corrections.

Name _____

Name _____

Department _____

Department _____

Campus Address _____

Campus Address _____

Name _____

Name _____

Department _____

Department _____

Campus Address _____

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