

Computers help meet mass needs

by Bill Smitherman
Nebraskan Staff Writer

Computers are quickly pervading all areas of human life, according to Dr. Kenneth Smith, academic director of the University Institute of Computational Sciences.

Smith said that the methods used in large component systems, such as aircraft construction, might have great positive social value in the future.

Today, the needs of society are not coordinated with its educational potential, Smith added. There is overproduction in some categories of educated people and underproduction in others.

THROUGH A COMPUTER system, it might be possible to make the educational output coincide with the needs of society.

He continued that the same system could be used to control food and shelter. Such control would prove an asset for our quickly growing society, Dr. Smith said.

With the computer controlled system, the needs of society could be better matched with the needs of individuals, he added.

Another important aspect of computers is their use in education. "There are three basic aspects of computer use in the educational process," Smith said.

THE FIRST OF these is the "drill and practice" aspect. He said that this approximates traditional homework.

The advantage of a computer system is that a student is not either held down or pushed too quickly by the remainder of the class, he added. Each student may progress according to his capabilities.

Another aspect of the computer in education is the tutorial. The computer, in this case, approximates the role of the classroom teacher, Smith said.

He continued that this also allows a student to progress at his own pace. Unlike a teacher though, the computer requires the student's constant attention, he added.

Smith explained that in this situation a student is presented with an amount of information for as long as he needs it and is then immediately tested. If the student has not understood the material, it can be repeated until mastered.

THE THIRD ASPECT is in its beginning stages, he said. This "dialogue" aspect would allow the student to ask the computer informal questions and have them understood and answered.

He said that computers are currently "in" in science and engineering, but that the other disciplines have not received them so well. There is a great deal that computers can do in almost all areas, he continued.

The influence of computers is bound to grow in years to come, Smith said. Very soon, the use of a central computer and credit card system may eliminate the need for money as we know it.

Computers could be used to read library files from homes and offices through monitors and telephone connections. Even doctors may soon use computers to diagnose illness and control the details of running a hospital, Smith added.

"IN ANYTHING where repetition is involved, a computer can handle it," he said.

Smith commented that he would like to see more interest in computers by non-science majors.

Computer Science 61, 161 and 200, designed expressly for the humanities major, have had a very poor pre-

enrollment, he continued. If the classes do not gain more interest, they may have to be canceled.

"We must get a dialogue going

between the scientist and the humanist," Smith said. "The computer could bridge the gap between the two cultures," he added.



Michael C. Hayman's photo (above) won first place in Human Interest in the Nebraska Union photography contest this week. Grand Prize: Wayne L. Soukup; Graduate Prize: R. Bruhn; Pictorial winner: Carolyn Morgan; Portrait winner: Billy Crosby; Color winner: Bill Origer. The pictures are on display in the Union lobby.

Tokenism answers requests

Continued from page 1

Wednesday's demonstration lasted less than two hours. At its inception, about 55 predominately black students paraded in front of the administration building carrying bricks.

Later their numbers increased to about 80. At one point, a white cardboard replica of a coffin was brought out in front of the building. Inscribed on the sides was "the system." The symbolic coffin was then burned by the students as they chanted, "The system is dead. Burn baby burn."

The demonstrators paraded to the steps of the Nebraska Union, where they dispersed. At the conclusion of the demonstration, Williams indicated that Thursday's demonstration will "be different." He would not divulge what, if anything, had been planned.

THROUGHOUT THE demonstration,

the students were observed by passersby, faculty, administrators and University Police. Capt. Eugene Masters, Masters, who was wearing a business suit as he usually does, said that Lincoln police had not been called. The demonstration was peaceful, not destructive, he said.

Williams, in relating plans for tomorrow's gathering, charged that the administration is trying "to keep black students quiet."

Ross doesn't want an increased black enrollment, he said. Ross feels that the more black students that NU has, the more trouble there will be, Williams said.

The black students have also asked to meet with the Board of Regents, Williams said. The Regents meet Saturday in Omaha.

"We were told that the Regents' agenda is too full, Williams said. They would have no time to listen to us."

"We've been waiting 400 years," Williams said. "We have a right to be impatient."

Tennis match to benefit Biafrans

A benefit international tennis exhibition for the Keep Biafrans Alive Committee and the Malone Community Center will be held at the University Coliseum April 23.

The special exhibition is being sponsored by the Nebraskan African Association, the Afro-American Collegiate Society and the Nebraska Union Special Events Committee.

Participants will include Bill North, Lincoln city singles champion nine times, Jim Porter, Lincoln city singles champion seven times, Roy Colson, Lincoln city doubles champion and Rudolph Nah Roberts, captain of the Liberian Davis Cup tennis team.

You are concerned about quality education, right? Will you help elect Joyce Scholz to the Lincoln Board of Education? Phone Ron Miller (434-0355) or Fred Schrekinger (423-6213) for information.

(Pd. for by J. Scholz for School Bd. Comm., V. Lutz, Treus.)

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Campus Calendar

- THURSDAY, APRIL 16**
(All events in the Nebraska Union unless otherwise indicated.)
- 1 p.m. Emeriti Assn.
 - 2 p.m. Teachers College Centennial Conference
 - 3 p.m. Public Relations-Press Conference
 - Union-Contemporary Arts
 - 3:30 p.m. American Marketing Club
 - People to People
 - YWCA-Juvenile Court
 - Hyde Park
 - 4 p.m. Union-Special Events
 - 4:30 p.m. YWCA-Cabinet
 - SDS
 - 5:30 p.m. Graduate Counseling
 - Fraternity
 - 6 p.m. AUF-Exec
 - Phi Epsilon Kappa
 - Phi Mu Alpha Sinfonia
 - RAM Rehearsal
 - 6:30 p.m.

- Theta Sigma Phi
- Christian Science Org.
- 7 p.m.
- Delta Sigma Delta
- Young Democrats
- Quiz Bowl
- Baptist Student Union
- YWCA-Cultural Crafts
- NIA-International Food
- Buffet
- AUF
- Ivy Day-Daisy & Ivy
- Chain Rehearsal
- U of N Accounting
- Assn.
- Quiz Bowl Isolation
- 7:15 p.m.
- Pi Sigma Alpha
- 7:30 p.m.
- Sigma Alpha Eta
- University Dames
- Math Counselors
- French Club
- Xi Psi Phi
- U of N Flying Club-
- Red Clippers
- Career Scholars Seminar
- 8 p.m.
- S.I.P.
- 9:30 p.m.
- Spring Day



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