

Campus Calendar

WEDNESDAY

UAAD, 12 p.m., Nebraska Union.
PLACEMENT Office Luncheon, 12:30 p.m., Nebraska Union.
 YWCA—Cultural Crafts, 2:30 p.m., Nebraska Union.
 YWCA, 3 p.m., Nebraska Union.
 UNSEA, 3:30 p.m., Nebraska Union.
BUILDERS—Tours, 3:30 p.m., Nebraska Union.
BUILDERS—College Days, 3:30 p.m., Nebraska Union.
BUILDERS—Advertising, 3:30 p.m., Nebraska Union.
 YWCA—Christmas Bazaar, 3:30 p.m., Nebraska Union.
BUILDERS—Special Edition, 3:30 p.m., Nebraska Union.
EAST CAMPUS Recreation, 4 p.m., East Union.
ABEL Hall Rehearsal, 4 p.m., Nebraska Union.
 ASUN—Student Senate, 4 p.m., Nebraska Union.
 JR. PANHELLENIC, 4:30 p.m., Nebraska Union.
THEATRE, 4:30 p.m., Temple Building.
RED CROSS, 4:30 p.m., Nebraska Union.
UNION Special Event, 4:30 p.m., Nebraska Union.
YWCA—Cultural Tours, 4:30 p.m., Nebraska Union.
 AWS Representatives, 4:30 p.m., Nebraska Union.
UNION Public Relations, 4:30 p.m., Nebraska Union.
TEACHERS COLLEGE Dean's Advisory Board, 4:30 p.m., Nebraska Union.
TOASTMASTERS Club, 5:30 p.m., Nebraska Union.
ALPHA LAMBDA DELTA Initiation, 7 p.m., Nebraska Union.
AUF—Lincoln Independent Drive, 7 p.m., Nebraska Union.
SDS, 7 p.m., Nebraska Union.
BUILDERS Board, 7 p.m., Nebraska Union.
GERMAN Play, 7:30 p.m., Love Library.
PI SIGMA ALPHA, 7:30 p.m., Nebraska Union.
COMENIUS Club, 7:30 p.m., Nebraska Union.
ALPHA PHI OMEGA, 7:30 p.m., Nebraska Union.
CIRCLE K, 7:30 p.m., Nebraska Union.
MATH Counselors, 7:30 p.m., Nebraska Union.
FELLOWSHIP Of Christian Athletes, 9:30 p.m., Nebraska Union.

Rights Bill

Cont. From Pg. 1, Col. 7

of rights. We have to either establish that we do or don't have the rights. The bill must serve as a delineating or definitive document." Schulze emphasized.

Schulze said that the main problem faced by the committee has been in re-evaluating its positions and objectives.

"They seem to keep changing" he said. "We first felt our goal was a legal matter. Then we considered the educational ramifications. Finally we discussed the various areas of concern. Now we have reached the present point."

"We have attained a synthesis of all our goals. They have been changing, along with our timetable. The timetable will most likely continue to change until the bill is approved," Schulze concluded.

Union Selects Site At Arapahoe Basin

Arapahoe Basin, Colorado has been announced as the site for the Nebraska Union ski trip, according to Karen Jones, Union Trips and Tours Committee Chairman.

Arapahoe Basin, which is located 66 miles west of Denver, is the highest ski area in the United States. The highest altitude is 12,500, and three-fourths of the ski area is above the timberline.

The longest ski run is three miles from top to bottom and eight ski lifts carry a capacity of 3,550 skiers per hour up the slopes.

Arapahoe Basin is one of the fastest growing ski areas in Colorado, according to Miss Jones. Most accommodations are new, including the three lighted ski slopes for Friday and Saturday night skiing.

The trip, which was formerly to Winter Park, Colo., will be held over semester break, Jan. 26-29.

The exact cost of the trip has not yet been determined, but it is expected to be around \$85, Miss Jones said. The price includes meals, lodging, ski equipment rental, two ski lessons, and train transportation and lift tickets.

This is a slight increase over last year's price because last year ski lift tickets were not included, she said.

Payment for the trip may be made in two parts. The first payment must be made Dec. 2, and the final payment on Jan. 9.

An orientation session will be held in Room 332 of the Nebraska Union on Thursday at 7 p.m. Further information will be available at this meeting, and students may sign up for the trip.

Attending the orientation puts the student under no obligation to attend the trip said to Miss Jones.

Miss Jones also stressed that information on the trip has come out late because the representative from Arapahoe Basin did not contact the Union until the previous weekend.

Last year approximately 110 students went to Winter Park. This year's trip will have room for 100 students as well as sponsors, a doctor and an administrative member.

Rich Scott and David Younkin from the Nebraska Union Program office will be attending, as well as student sponsors Karen Jones and Jo Christensen.

Another advantage of Arapahoe Basin is that an entertainment center is located in the immediate ski area. At Winter Park it was necessary to go three miles into a town for a type of entertainment.

Added Hour Somehow Subtracts Couple-ings

Funniest thing about that two o'clock night last weekend!

Instead of enchanting couples with the ideas of togetherness and pins and rings, it actually lowered the number, as only three pinnings and six engagements were announced.

P.E. Dept. To Furnish Driver Ed

The Department of Physical Education for men is offering driving instruction for University students, staff or their dependents.

The instruction will include ten full hours of driving with personal instruction from a teacher training for drivers' training classes.

Students can select a year hour from 8:30-4:30 on Monday and Wednesday or Tuesday and Thursday for two weekly instruction sessions, according to Gene Gross, assistant professor of physical education.

Gross said the instruction will cost about \$10. He said the instruction is offered because his students need practical experience in driving before they become qualified teachers.

Gross noted that any University-connected person could take the instruction and often students are "wives of instructors".



LASER CHECKED . . . by Dr. Weber, student John Deming and Dr. Tao.

Chemical Engineering Grads Use \$31,000 Laser Research Device

University of Nebraska engineers are using a device which emits light waves too brilliant to look at, too hot to "touch" and powerful enough to burn holes in metal.

The device is a laser—light amplification through stimulated emission and radiation—used in the department's graduate research program. The laser received a grant of \$31,000.

The beam given off is of such high intensity and so concentrated that experimenters have been able to burn holes in metals and even a diamond.

The laser "delivers a very large quantity of energy to a very small area," according to Dr. James A. Weber, chairman of the department. Prof. Weber and Prof. Luh C. Tao supervise the laser research.

Dr. Tao said the beam's temperature is "a million times higher" than solar rays.

The machine is operated under a strict safety measure. Only one person may work with the device at any one time.

Because the beam would blind anyone who looks at it, the researcher must keep his back to the beam when it is on. The door is locked from the inside so no one can enter the room when the device is being operated.

University researchers are currently directing the device's energy to metallic samples, trying to develop relationships to predict how the energy will be dissipated. The beam literally evaporates the metal, Dr. Tao said.

Planned research includes study of the effects of the beam on chemical compounds. This could have practical applications in the making of plastics, with the beam used as the catalytic agent needed to create the reaction between gas and chemicals necessary for the creation of plastics.

The University's laser was made by Korad Corp., a division of Union Carbide. There are many kinds of lasers, Drs. Tao and Weber said, but the University's is a pulse-type, the most powerful there is.

How does it work? The

device has a ruby crystal, surrounded by a flash lamp. When the current is turned on the lamp emits energy which pushes chromium ions in the crystal into a level of high energy. The pulse is formed when this energy is released.

When the ions return to a low level of energy they in turn emit energy—and that's the energy that is beamed through lenses and focused on the object under experimentation.

So intense is the energy that if a single speck of dust is on the device it would be baked into the machine's optics. So University engineers take special precautions to keep the machine hospital-clean.

Two coeds almost gave up hope Monday as they were trapped in their dormitory room for two hours because of a malfunctioning doorknob.

There was nothing in the AWS Rulebook about this kind of campus, so the two residents of Selleck 6900 building started yelling for help.

With no housemen around at 9 p.m., it remained for the student assistant to wield chisel and hammer, removing the latch from the doorway in an effort to unlock the door.

After an hour of pounding and a crowd of 25 fellow residents had gathered, the latch gave way and the two coeds emerged relieved.

"But how will I ever explain this to my date," sighed one of the unprisoned coeds as she rushed to the lobby to greet her patient boyfriend.

Not AWS Campus . . . Door Knob Traps Coeds

University researchers are currently directing the device's energy to metallic

Olson To Address Ohio U. Assembly

The dean of the Graduate College at the University will participate in the annual meeting of the Council for Research Policy and Administration in Washington, D.C. next week.

Dr. Olson will address an assembly at the University of Ohio before going on to Washington.

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Viet War Extended Hours Planned For KK

Cont. From Pg. 1, Col. 2

strengthening it and weakening the opposing infrastructure (e.g., both sides lay great stress on the development of strong recruiting and propaganda teams; both practice selective assassination to destroy key links in the enemies infrastructure).

Infiltration

Furthermore, each infrastructure is said to be heavily infiltrated by agents of the opposing one. Significantly, but not surprisingly, many Vietnamese believe that both Viet Cong and government village infrastructures are now much weaker than the traditional village power structure prior to the coming of colonialism or communism.

To gain its political — and cultural — ends, the elite infrastructure on each side has mobilized substantial portions of the population it controls. Each has developed weapons — technological, psychological, logistical — which are being tested wherever one side can find a weakness in the other.

At the present time, one side has technological and logistical superiority within the contested area, whereas the other appears to enjoy psychological advantage.

This is a struggle for power, and no holds are barred. The skill in highest demand is that of employing the appropriate weapon at the right time, whether it be a mortar or a life.

A late date night for Saturday, the night of the Kosmet Klub Fall Show is planned by the members of Mortar Board.

Coeds' hours will be extended from 1 a.m. to 2 a.m., if their dates pay one cent for each minute after 1 a.m. Dates must leave the women's living units immediately after paying.

Any late minutes after 2 a.m. will warrant an automatic week-end campus, according to AWS.

Proceeds from the late date night will be used to finance proposed Mortar Board projects for hte year including sending educational materials to Ataturk University, donating money to the University Foundation and establishing a Mortar Board scholarship.

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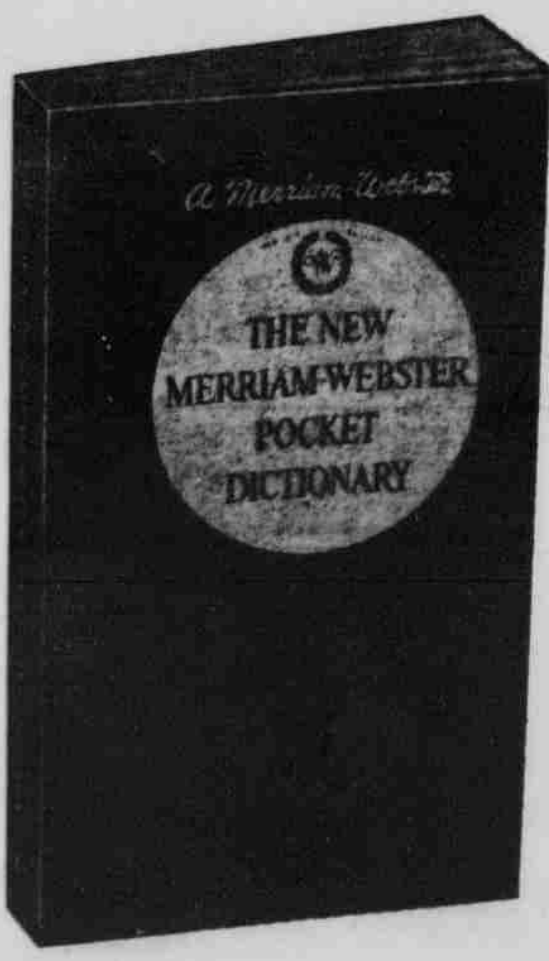
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