

campus notes

New Term Begins

August in Norman is unlike any other time during the year. With summer school closing at the first of the month, the campus is suddenly empty, peaceful, largely deserted. The administrative offices still go at full tilt, preparing for the September avalanche, but the few graduate students and the professors who remain in the city during August do little to disturb the blissful lethargy that descends on the campus after eleven straight months of steady activity. Many are pleased to have a brief respite, a time for relaxing before the whistle blows again. The merchants miss the students dearly, of course, but they use the time to refurbish and re-group, and it's probably good for them, too. But toward the latter part of the month when the native spots the first car with a full

Mark Miller

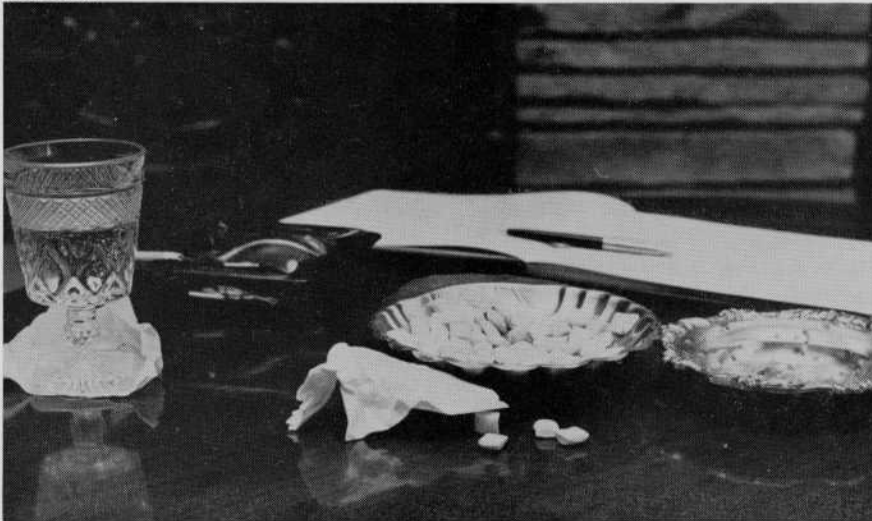
clothes rod hung across the back seat, he knows his days of leisure are almost gone. The football players are first to arrive, and they are not particularly noticeable. Next, however, comes Work Week, and the tempo picks up considerably. With Rush Week, the new school term has practically arrived, and the action begins again.

This year fewer participated in Rush than last year. In 1965, 837 women entered Rush, and 610 pledged sororities. The number of women who went through Rush dropped to 642 this year, with 477 being pledged by the 15 sororities. This year the Panhellenic Council set a quota for each club, arrived at by subtracting the number of active members from 100 with the remainder being the number of pledges the sorority was limited to.

In men's Rush the total went from 768 in 1965 to 661 this year, with 576 of that number being pledged by the 22 fraternities, which were not limited by a quota. One eager club, Sigma Alpha Epsilon, responded with remarkable unrestraint by pledging 75 men, or 13 percent of all those affiliating.

Rush is run a bit differently than in the past, though it is still hectic, tiring, often insensitive, and sometimes emotionally upsetting. Women begin on a Saturday with open houses at each sorority. Preferential parties are held on Monday and Tuesday with bids issued Wednesday morning. Men attend a minimum of four and a maximum of six open houses on Saturday, return to these houses on Monday for more extended "parties" and accept preferential dates on Tuesday with bid house on Wednesday morning. The bacchanalian "victory parties" held at the culmination of Rush by fraternities in earlier days are no more. Rush is still a time of endless cigarette smoking, mints, and small talk (*see photo*), and although everyone concerned is "for" deferred rushing, like the weather, nothing is ever done about it.

After Rush comes enrollment, advertised this year as being "streamlined." It fell far short of that. The new enrollment procedure began last spring when a majority of students who were to return pre-enrolled. This was to save them the trouble of meeting with advisors and sectioning this fall. An unexpected number of late enrollees flooded the streamlined system, however, and many who had pre-enrolled failed to pay their fees by the Aug. 15 deadline and were again thrown into the process. The "streamlined" procedure called for almost everything to occur in the Union, which became so swamped on the first day that the process had to be changed in midstream. It was a mess, and a committee has been appointed to study enrollment and find ways to get rid of the bugs. OU will eventually have a



Residue of Rush

For many, a physically—and sometimes psychologically—punishing week

smooth pre-enrollment and enrollment system, but the first attempt was not much better than the action at a concessions stand in Owen Field during halftime.

Concurrent with enrollment was the second annual Howdy Week, a five-day period of orientation for new students. This year's HW was well planned, and a large hunk of work went into providing activities for the freshmen. Mrs. Jean Hjelle, social director for University housing, and a host of industrious students began laying the groundwork for the more than 30 events last spring. The work paid off, although the attendance could have been better at some of the offerings, and the students who availed themselves of the activities had an entertaining and enlightening introduction to college life at OU.

First on the program was a Wednesday night football scrimmage attended by 7,000 frosh and nonfrosh at Owen Field. On

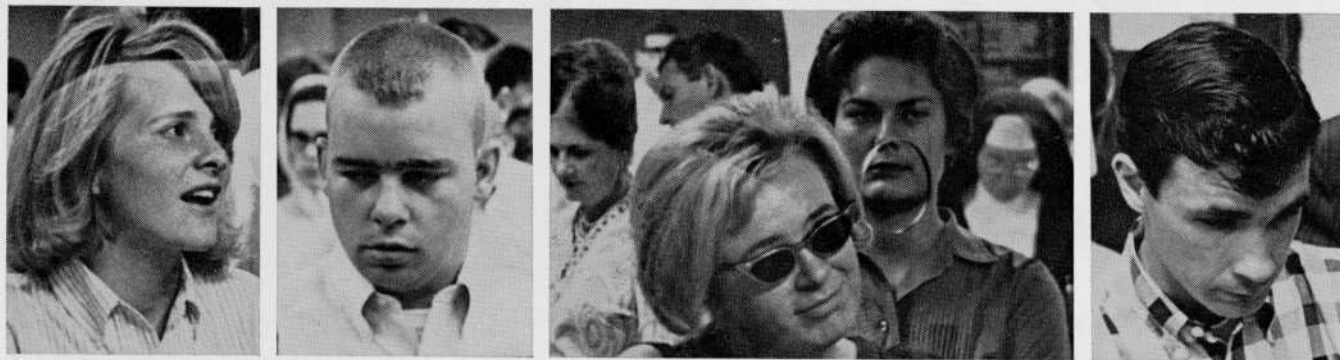
Thursday there was an afternoon fashion show at the Union, and a dance and talent show that evening in the Adams Center (The Towers) parking lot. On Friday Howdy Week featured a debate on Vietnam. The question was "Resolved: That the U.S. should prosecute and expand its military effort in Vietnam." On the pro side were a retired general, a former sergeant in the Green Berets who had been in Vietnam, a Lutheran campus minister, and a graduate assistant in political science.

Arguing the negative (inexplicably outnumbered 4-3) were a philosophy professor, a Roman Catholic priest, and an education professor. Both sides gave their supporters opportunities for applause, but a committed claue of Young Americans for Freedom would have received the "most audible" award, if one were given. The complexity of this maddening war was pointed

up by the presence of two Christian ministers in opposition, one urging our Christian soldiers onward to victory and the other calling for love and an immediate attempt at a peaceful settlement through negotiation.

From 3-5 p.m. there was a tea at the President's Home for out-of-state women students, and that evening at Holmberg a glittering entertainment show was held. Saturday featured a forum to explain campus activities and organizations, and there were receptions on Saturday and Sunday with talks by the gubernatorial candidates, concluding with the annual freshman convocation at the stadium. Throughout the week tours of the campus and the library were offered as well as free swimming in the Field House, movies in Meacham Auditorium, and open houses at campus religious centers.

On Monday, September 12, classes began. A new term is underway.



J. P. Smith

Facing Enrollment

The faces were as long as the lines

Prof. Barnes Dies

Professor Dewey L. Barnes, professor emeritus of accounting, died Aug. 22 in Norman, following a period of ill health. A native of Gadsden, Ala., Prof. Barnes received his bachelor's degree from Texas in 1922 and an MBA in 1928 from Northwestern. Prof. Barnes joined the OU faculty in 1929 and retired in 1964. Said Dr. Cross of his death: "Prof. Barnes taught accounting to University students for 34 years and was a fine teacher, a dedicated worker in his field, and a distinguished citizen of Norman."

Prof. Barnes was secretary of the state Board of Accountancy from 1955-59, and was a CPA since 1934. He was president of the board of the First Christian Church and a member of the Masonic Lodge. He is survived by his wife Velma, and two sons, Richard, San Francisco, and Charles, Portales, N.M., both OU alumni.

A memorial fund for blood research has been established in his memory at the Oklahoma Medical Foundation.

Curtain Going Up

The bill for the 1966-67 season of the School of Drama's University Theatre has been announced. Season tickets are \$6 each and mail reservations are accepted only with a check or money order. A stamped self-addressed envelope must be enclosed for return of tickets. The procedure for reservations is stated on the season ticket. The 1966-67 schedule: October 11-15—*Agamemnon* by Aeschylus; Nov. 14-19—*Carnival*, the

Broadway hit from the movie *Lili*; Feb. 7-11—*The Miracle Worker* by William Gibson, the story of Helen Keller's fight for understanding, love, and acceptance; March 7-11—*Fashion* by Anna Cora Mowett, an actress in 19th-century America satirically needles the fashion of the day; March 16-18—Orchesis Dance Concert; April 26-29—An Evening of Ballet featuring OU's artists-in-residence, Yvonne Choteau and Miguel Terexkhov; May 9-13—*The School for Wives*, a classic comedy by Moliere.

The season ticket also includes a choice of one of four graduate plays to be presented through the year and eight film classics, including Mack Sennett comedies, *The Cabinet of Dr. Caligari*, *Greed*, *Intruder in the Dust*, and *Sadko*.

OU and a Town in France

The townspeople of Manosque, France rolled out the red carpet recently for a group of 24 students participating in OU's Summer Session Abroad program in Grenoble.

The students arrived in France June 8 and returned Aug. 18. They were led by Dr. Seymour Feiler, associate professor of modern languages, and Tom Fullerton, a graduate student. The reception the students received in Manosque provided an insight into the French countryside that even most Parisians never see, Dr. Feiler says. Manosque lies in the foothills of the Alps, and the old Alps, and the old portion of the town is still circular in shape. The OU group arrived on market day and visited the stalls and carts set up in the streets. "It seemed that all the

people of Manosque and the surrounding countryside were out with their net shopping bags and their baskets," says Dr. Feiler. Hosts for the group's two-day stay in Manosque were Jacques Reynaud, an engineer, and his wife, Andrie, a mathematics teacher. "The Reynauds' two college-age sons and Madame Reynaud, their grandmother, joined us for dinner in a large dining hall a little way out of town. The meal was sumptuous."

After dinner some of the townspeople brought a folklore group of some 35 young people ranging from 5 to about 25. Dressed in colorful Provencal costumes, they performed native dances and songs for about three hours. The musicians in the group played the galoubet (a type of fife) with one hand and the tambourin (a drum) with the other. During the intermission they asked the Americans to sing. "One of our group played the guitar," Dr. Feiler relates, "and everyone sang a few American folk songs. When we sang *Michael, Row Your Boat Ashore* and *Susanna*, the French joined in with the French lyrics." After the performance, Dr. Feiler presented an OU mug to the directors of Osco Manosco, the folklore group, and another to the Reynauds. On the second day of the visit the American students provided a picnic lunch and, with the Reynauds, toured the countryside and ate lunch high in the mountains. They visited a hill town, Simiane, and the hilltop village of Montfuron, which was having its yearly festival. The village square was decorated in

red, white, and blue bunting, and the Osco Manosco performed again. The students met the local mayor and the sous-Prefet (lieutenant governor) of the area, learned to play boules, a bowling game popular in the south of France, and danced to an orchestra which alternated between rock-and-roll and the more traditional French java and the Spanish paso doble.

SCIENCE—RESEARCH

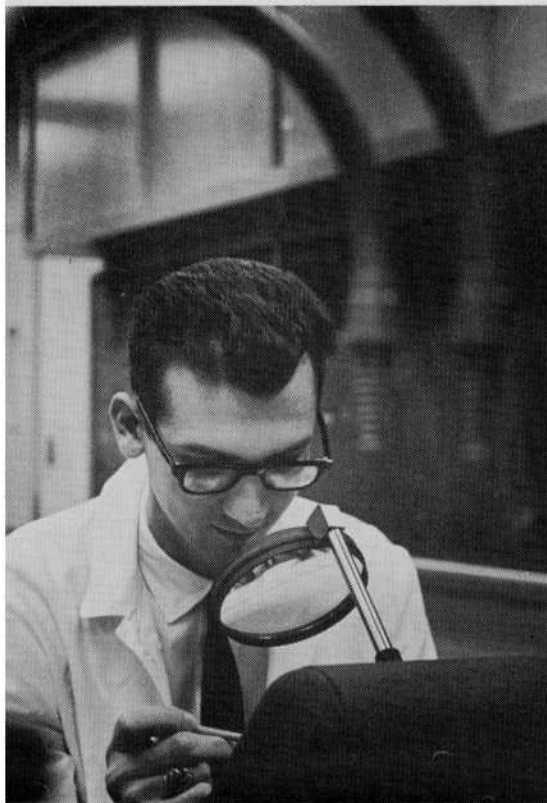
It's Swearingen Park Now

Dr. Lloyd E. Swearingen, who devoted the greater part of his academic career to building research facilities at the University, has been honored by the Board of Regents who have named the University's Research Park for him. This month the Research Park officially becomes Swearingen Park. Swearingen Park is a 900-acre development northwest of Norman adjacent to Max Westheimer field. It was established as a base for governmental and private research facilities as well as for University affiliated laboratories and agencies.

Unlocking Cells

Single cell micro-organisms, such as bacteria, commonly reproduce by cell division. One type, *Escherichia Coli*, also displays behavior quite similar to sexual reproduction of higher animals. Scientists call it conjugation. The chemical reasons for its occurrence are under study by Dr. John H. Lancaster, assistant professor of botany and microbiology. He has received a \$17,130 grant

Robert E. Fields Jr.



DR. LANCASTER

from the Public Health Service of HEW. Conjugation is not reproduction and the *E. Coli* cells cannot be classified as either male or female. Instead they are called donor and recipient cells. Donor cells, through conjugation, contribute part of their genetic material to recipient cells. This genetic mixing keeps a variety of genetic traits in circulation among *E. Coli*, thereby increasing the chances of producing hardier and more adaptable strains. Donor cells contain what Dr. Lancaster calls a "fertility factor." Recipient cells lack this substance. When conjugation occurs between a recipient and a donor cell, it is believed their walls form a bridge at the point of contact, much like a hollow tube. Genetic material from the donor cell passes through the tube and into the genetic structure of the recipient cell. The lost material is subsequently duplicated by the donor cell.

Since the fertility factor is a part of the internal structure of the cell, complimentary surface substances determine conjugal attraction. Chemical identification of these substances form the basis of Dr. Lancaster's research. Dissolved extract of either donor or recipient cells appears to inhibit conjugation when present in excessive quantities in the cell's nutrient solution. Dr. Lancaster will work to discover the amount of inhibition his extracts produce by using mutated strains of *E. Coli*. The mutated strains have special food requirements not needed by normal strains. But when a mutated recipient *E. Coli* cell combines the genetic material received from a mutated donor cell with its own, this mutation factor is lost and the cell again becomes normal. Therefore the number of these hybrid cells in the presence of inhibiting factors will indicate how many of the cells have conjugated, thus indicating the purity of the extract. Then Dr. Lancaster will inject the substance into animals to check antibody formation. The type of antibodies the animals produce to destroy the extract will help indicate their chemical nature. Dr. Lancaster's research may have implications in understanding chemical reactions that take place between tissue cells in higher organisms. Dr. Lancaster's techniques will be a model system for understanding how cells are fastened together and why normal organs and tissues take their characteristic shapes.

Do It Yourself Instrument

A handmade instrument that can sense tiny changes in gravitational attraction has been built by a University geophysicist and given to the OU School of Geology and Geophysics. The device, a gravity gradient variometer, can be used in laboratory model experiments in studying secondary recovery problems in petroleum production, or in structural model studies detecting the effect of mass displacement. Dr. John A. E. Norden, professor of geology and geophysics, fashioned the variometer, worth an estimated \$20,000, out of a humble assortment of materials worth only a few hundred dollars.

The crucial components of the instrument

are an aluminum rod supporting two weights at different heights, a thin fiber from which the rod-weight system is suspended, and lenses and mirrors that enable an observer to gather his data without affecting the measurements. The only commercial device of this kind is made in Germany and sells for \$11,000, Dr. Norden says.

SPORTS

Roundball Recruiting

Coach Bob Stevens has announced the results of his recruiting program. Ten freshmen have enrolled in OU on basketball scholarships. Four of the five Oklahomans made 1965-66 All State teams, and two of the five out-of-state freshmen received All State honors. The ten are Bob Wooten, Lawton; Steve Ayers, Norman; Paul Cloar, Hobart; Frank Mitchell, Inola, and John Sneed, Putnam City. All but Sneed were All State players and Mitchell's Inola team won the state Class B title. The two out-of-state all-stars are Garfield Herd, Hogansville, Ga. and Tom DeMoss, Pikesville, Md. The others are Harry Brown, Pittsburgh; Rickey Gaither, Fort Worth, and Tom Hampson, Valparaiso, Ind., the tallest man at 6-7.

Netters Netted, Grapplers Grabbed

Jerry Keen, coach of OU's Big Eight tennis champions, has recruited the entire semi-final round of the recent Oklahoma prep Class AA singles. Gene Mullins, Lawton, AA champion and ranked sixth in the Missouri Valley area, and Jack Theimer, Muskogee, who lost the finals to Mullins after a three-set battle, have signed inter-conference letters of intent. Bruce Barrett, John Marshall ace, state Jaycee champ in 1965 and ranked eighth in the Valley, has also promised to sign. Mark Moran, Capitol Hill, the other semi-finalist, has been accepted as a University Scholar on the basis of competitive examinations in which 50 entering freshmen were selected from an examination class of 700.

In wrestling, Coach Tommy Evans has named an 18-man list that has signed either Big Eight or national letters of intent. One of them, heavyweight Nick Corallo, transferred from El Camino Junior College of Redondo Beach, Calif., and will become immediately eligible. Of the 17 high schoolers, 12 are from Oklahoma. 123—Stan Keeley, Blackwell, three-time AA state champion; Don Parrish, Hobart, state A runner-up. 130—John Savage, OC John Marshall; James Rowh, Norton Kan., Kansas state champion. 137—Kip Hogan, Ponca City, state AA champion; Gary Miller, Norman, state AA champion. 145—Terry Anders, OC Grant; Blair Fennell, OC John Marshall; Alan Grant, Grants Pass, Ore., Oregon state champion. 152—Steve Eagleston, OC John Marshall; Terry Raulston, OC Grant. 160—Dennis Brand, Perry, state A champion; Dennis Waggoner, OC John Marshall, runner-up state AA. 167—Jim Carnahan, Des Moines, Iowa, Technical high; Gary Rudenick, Mankato, Minn., runner-up Minnesota. 177—Charley Shivers, Tulsa Booker T. Washington, state AA runner-up.