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Nebraska May Need Another University By 1970

Nebraska will need the equivalent of another university by 1970 according to the results of a recent survey conducted by Dr. Lyman A. Glenn of Sacramento, Calif.

Dr. Glenn, associate professor of political science at Sacramento State College, has been appointed by the legislature to study the Nebraska college situation. He said that if the college-going trend continues at the present rate of an 8 per cent increase per year, there will be 15,605 students by 1970.

Eighty Per Cent
"This 80 percent increase for the ten years will be more than twice the present undergraduate enrollment of 6,413 at the University of Nebraska," Dr. Glenn said.

Not all of these students represented by the total increase may come to the University, though. Present indications are that Nebraska's four junior colleges and the University of Omaha will take the largest numbers, Dr. Glenn pointed out.

These other public institutions have shown the most rapid rate of growth in per cent of total enrollments during the past 10 years as compared with the rest of the state.

NU Decrease
The University has decreased, and private institutions have remained the

same, Dr. Glenn explained.

At present, the University and the four state teachers colleges hold 50.5 per cent of the enrollment throughout the state while other public institutions hold 17.3 per cent and the non-public institutions, 32.2 per cent.

Dr. Glenn also revealed that of the 438 full-time and 106 part-time faculty members (excluding professional areas such as law, social work and medicine), about 59 per cent hold doctorate degrees.

This compares with a national average of 48 per cent which has dropped so much that there are not enough faculty members with doctorate degrees to keep up with the present rate of college growth, Dr. Glenn said.

One-Third
Some 34 per cent of the faculty members at the University hold masters degrees, and about 7 per cent hold baccalaureate degrees.

This compares with a 34.5 per cent total throughout the state who hold doctorate

degrees, 55.1 per cent who hold masters degrees and 10.4 per cent with baccalaureate degrees.

Dr. Glenn distributed maps which indicate that institutions of higher learning raise the college-going rate in the immediate county where located, but have little effect on the rate in adjacent counties.

For example, the percentage of high school students attending college from Lancaster County is 47.47 per cent as compared to the state-wide average of 27.45 per cent and neighboring

averages of 17.15 per cent in Seward County, 19.98 per cent in Cass County and 23 per cent in Gage and Saunders Counties.

Rates Lower
Nebraska rates lower than several surrounding states and the country as a whole in the ratio of per centage enrolled in colleges compared to the number of college-age persons, Dr. Glenn said.

"Even a liberal figure of 30 per cent, which includes graduates and those going out of state to school is lower than the 35 per cent na-

tional average, the 41 per cent average for Kansas and the 33 per cent average for Colorado and North Dakota," Dr. Glenn noted.

Dr. Glenn pointed out that only facts, in lieu of recommendations, were being released at this time.

Additional results of the survey will be released "as they are obtained" in a series of meetings during the remainder of the year.

The final report, along with recommendations, expected to be complete sometime in January, Dr. Glenn said.

—Balance of Power— Reorganization Plan Presented to IFC

A proposed IFC reorganization plan, devised by a special committee, was presented Wednesday night. The new plan, if passed, will feature a balance of power between the Board of Control and the IFC in ironing out future problems.

Committee member Bill Connell presented the plan and it was decided to take final action on the plan next week.

The need for a reorganization plan resulted from the newly passed plan for a Judicial Board and the proposed reorganization plan by the Board of Control.

The new plan cuts down the suggested power of the Board of Control in their original plan and "creates a circular flow of legislative with balanced power," according to Connell.

Three Top Powers
The proposed plan will have three top powers, the Policy Steering Committee, the Executive Council and the Board of Review.

The Board of Control will have the power in the Policy Steering Committee with three board members; the chairmen of the House Management and Political Committees (undergraduates) and a representative of student affairs.

The IFC will have complete control in the Exec Council using the present system plus the addition of one alum advisor.

The Board of Review will be divided in power to handle the three of four points of contention between the two groups, according to Connell. Three board members, three undergraduates and one non-partisan legal advisor would compose this committee.

Six Others
Organized under these three committees will be the six IFC committees: social, activities, political, scholarship, finance and house management.

The Board of Control will have veto power in the social and control in the finance and house management committees and the IFC will control the political and scholarship committees.

The Social committee will be made up of five undergraduates, two advisors and one board member with veto power.

Twelve students and one board member having veto

power will make up the activities committee.

The political committee will have six undergraduates and a non-voting advisor and the scholarship committee will have three students and a board member.

Finance Committee
Three undergraduates, two advisors, an auditor and a member of the board will comprise the finance committee and three undergraduates, three advisors and one board member will work on the house management committee.

The committee, who must have the plan ready by Oct. 28, includes Connell, Tom Matthews, Ron Gould, Al Cummins, Dave Goldstein and Bob Hedgecock.

At the conclusion of the meeting Dr. C. Bertrand Schultz, IFC advisor, stated that the meeting contained, "more mature thinking than in several years," in connection with the proposed reorganization plan.

Campaign Rules

A warning is being issued by the Tassels Homecoming chairman that candidates will be disqualified if all rules are not followed in the campaigns.

Campaign rules for the Homecoming Queen campaigns stated posters, signs, and other campaigning could be exercised providing they are in good taste.

The committee feels that block voting and any similar schemes are in bad taste. If this is evident any candidate can be disqualified at any time.

Voting will be held from 8 a.m.-5 p.m. in the ag and city Student Unions.

IFC Elects Samples, Ron Gould

Rush Book Bid Accepted

Elections of two officers and voting on the rush book bids highlighted the IFC meeting Wednesday night.

Jim Samples of Delta Tau Delta was elected to serve as the IFC Secretary and Ron Gould, Theta Xi, was elected as the new public relations director.

Samples will replace Chuck Shery and Gould will fill the place vacated by Steve Gage last week.

The rush book bid was given to the private bid made by Don Ferguson and Gage. The only other bid came from Theta Sigma Phi, women's professional journalism fraternity.

Ferguson announced he and Gage would begin composing a staff to work on the book. Their deadline for the date for the rush book is May 1.

The theme of the book will be "Pillars of Strength" and will include scholarship, intramurals, social life, brotherhood, the fraternity section, Rush Week procedure, photographs, advertising and a new geographic index, according to Ferguson.

Ferguson said that a meeting of house section chairmen will be next Tuesday at 7 p.m. in the Student Union.

Jack Lausterer of Sigma Nu was selected to replace Bill Connell as IFC Health Chairman.

Rush Committee interviews were also held Wednesday and Ben Priebe, IFC Rush Chairman, choose the following men to serve on his committee: Phil Johnson, Steve Joyn and Joel Meier.

Jr. IFC Ball November 19 At Turnpike

November 19 is the date set for the annual Jr. IFC Ball.

The dance, which will include the selection of a Jr. IFC Queen, will be held at the Turnpike Ballroom from 8-12 with Bobby Morrow and his orchestra. Decorations will consist of replicas of the University's fraternity and sorority pledge pins.

No requirements will be made for the number of dance tickets each house must buy.

Dennis Christie of Phi Delta Theta is the newly-elected president of the Junior Interfraternity Council. Other officers are: Vice President Doug Busskehl, Alpha Tau Omega; Secretary Roger Anderson, Sigma Chi; Treasurer Virg Wagner, Alpha Gamma Sigma.

TODAY ON CAMPUS

All-University Square Dance, 8 p.m.
Graduate Club Panel Discussion, 7:30 p.m. 232 So. U St.
Midwest Solid State Conference, Student Union Auditorium.

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Council Doors Close

The Student Council went into executive session Wednesday, at which time it discussed a member's "27 proposals" for improving the Council, according to a reliable source.

Chip Kuklin, sophomore representative from the College of Engineering and Architecture, presented his points behind the closed doors.

Council first vice president

John Hoerner later told The Daily Nebraskan that he was glad the Council went into executive session because the Rag might not have responsibly reported the proceedings of the meeting during the time Kuklin was presenting his ideas.

Hoerner said he was originally against executive session and advised Kuklin to study his proposals further

and present them at a later date. However, Kuklin said he wanted to present them Wednesday, Hoerner added. For this reason, Hoerner said he was glad the Council did meet in secret.

Proposals
Among Kuklin's proposals were the following points as the source gave them to The Daily Nebraskan.

1. A proposal that the

Council pass a resolution on compulsory ROTC taking a stand on the issue.

2. A proposal that the Council discuss and investigate the drinking situation on campus.

3. A proposal that the Council pass a resolution taking a stand on the possibilities of the quarter system at the University.

4. A proposal that the Council investigate and pass a resolution taking a stand on AWS hours. This would include an examination of the hours on other campuses and the sampling of opinion on this campus.

5. A proposal that the Council investigate and pass a resolution taking a stand on the possibility of a five point grade scale.

6. A proposal that the

Council send a representative to sit in on every legislative hearing of the Unicameral that concerns the University.

7. A proposal that the Council receive a report from the Student Tribunal every second week instead of every year.

8. A proposal that the Council receive a report from the student members of the Publications Board following every meeting of the Pub Board.

9. A proposal that the Council take the lead in devising a program to "sell" the University to high school youths of the state.

10. A proposal that the Council have a representative sit in on Interfraternity Board of Control meetings and report back to the Council.

11. A proposal that the Council aid further in campus beautification. Suggested was landscaping into a mall the faculty parking lots between 14th and 12th streets.

12. A proposal that the Council investigate and take a stand on converting some of the University streets into one-way streets.

13. A proposal that the Council set up a publicity committee.

14. A proposal that the Council study the Chancellor's reception and Frosh Hop and report to the Student Union suggestions for revamping these events. This point was brought about by several flaws in this year's operation, Kuklin noted.

15. A proposal that the Council make a full investigation of the work of the Tribunal during its first two years of operation, accompanied by a report and recommendations for improvements.

Alums Write New Song For Old NU

Alumni of the University introduced a new song and presented it to Chancellor Clifford Hardin at a banquet in Beatrice this week.

The song, with words and music composed by William V. Davis, Beatrice insurance man, was termed catchy and well accepted by the group.

Chancellor Hardin said that of the several hundred Alumni dinners he had attended that his was the first original number about the University that had been presented to him. He said that it would receive proper publicity.

The words are:

"There is only one Nebraska,
Only one Nebraska U.
That is the finest place you can hail from
Underneath the skies of blue.
And if anyone should ask ya,
There is something you can do — you can
Say for me, That's the place to be — There is
Only one Nebraska U."

Sink the Buffaloes

A pep rally is scheduled for 12:30 at the Student Union in Boulder Saturday. The University Band will be present to add to the spirit.



HE HAD A VOLKSWAGEN

Nancy Wilson's ride to migration left without her. He just couldn't understand why "she HAS to take all this stuff," but what's migration without a pom-pom, uke and mug! (Nebraskan photo by Doug McCartney)

Atlas Missile Systems To Be 'Foolproof'

By Doug McCartney
Atlas missile launching systems to be placed in Nebraska will be "foolproof," according to Air Force Col. Vern Hastings.

He should know. His present job is the construction, activation and check-out of the Atlas bases being built in the Omaha-Lincoln area.

The former University graduate spoke to the American Society of Mechanical Engineers Wednesday about missile development in Nebraska and its probable consequences.

Rumors that a missile could be launched by a temporarily demented member of the crew just aren't so according to the Colonel. While the actual firing of the missile is done by one button, fueling and preparing it for flight takes the whole crew.

Another problem that may have bothered Nebraskans is the booster rocket which drops off in flight. Hastings said the sites of the bases are located so the boosters will land in unpopulated areas.

"Besides," he smiled, "it's a damn sight better to get hit with four or five tons of metal than with an H-bomb

coming from the other direction."

Silo
The new bases are of the "silo" type in which the missiles will be stored vertically underground. The tops of the bases will be flush with the surface, and Hastings said that an almost direct hit would be needed to knock them out of action.

This type of base does have construction problems, however. For instance, the high water table along the Platte River has given the builders trouble.

The officer pointed out that nationally the missile program is quickly growing. From an original group of 200 people, almost 200,000 are now working on the program. The missile project is "already four times as expensive as developing the atomic bomb," he said.

Blasting the critics who point out the failures of the Atlas program, Hastings explained the "concept of concurrency" under which the missile is being developed. This, he said, is a calculated risk to speed its activation time.

Tried
Parts are designed and built before they can be ac-

tually tried. For example, facilities for firing the Atlas were ready almost a year before a missile itself was completed.

Many changes had to be made once the test firing of the Atlas was begun, he added, but only three of 160 changes were significant ones, although they increased costs about ten per cent.

But, he concluded, as the B-36 bomber took 16 years to put in operation (it was started in 1942), the Atlas took only five (1955-59).

Using a model and slides, the Colonel described in detail the missile and launch pad. The Atlas is a "stage and a half intercontinental ballistic missile." Its five engines are activated on the ground and the booster drops off after take-off.

RPI
The Atlas uses a liquid fuel mixture of oxygen and "RP1," otherwise known as kerosene, which give it 36,000 pounds of thrust.

The loaded weight of the Atlas is 260,000 pounds of which 90 per cent is fuel. The length varies from 83 to 89 feet, depending on the nose pod and body is ten feet wide.

Above the fuel tanks the

body has no structural members (framework), being held rigid only by the .040 in. thick stainless steel skin.

This statement prompted a question from the audience. Couldn't an enemy agent with a 30-30 rifle shoot holes in the Atlas before it could be launched. The Colonel answered that it was physically possible, but that since the missile was raised above ground only seconds before it was launched, the agent would have to know the exact time and place, and be a good shot, too.

Locations
Answering another question if the Russians knew where our bases are, he grinned and replied that since this is a democracy anyone could buy plans of the locations of the bases for fifteen dollars.

But the big deterrent, he added, was that the enemy had to get all our bases all over the world at the same time, and the impossibility of this will make them think twice. Our launching crews will stay in their bases, which will be self-contained for over 30 days.

The exact time to prepare and launch a missile is still classified, said the Colonel,



COL. HASTINGS