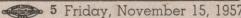


VOL. XXXIII—No. 10

RENO, NEVADA



# **Delores Chambers** Takes Queen Honors

Delores Chambers, 19-yearold sophomore, was crowned Saturday night. She was crowned by Gov. Charles H. Russell.



Delores, representing the Artemisia-Manzanita association, was queen of the Military Ball last also presented with a sabre engraved with her name. The pre-Sibbald, Regimental Commander.

> Rank of honorary colonel of the cadet regiment was bestowed on Delores. She will keep this title during her reign of the 1957-58 school year.

> Highlight of the evening occurred when the five queen candidates were presented to the Governor by being escorted through an arch of sabres.

Her four attendants at this year's dance were Judy Buck, of Delta Delta: Theresa Marianni, of Pi Beta Phi: Deanna Woodliff, of Kappa Alpha Theta; and Loralee Smith, of Gamma

# ROTC FLYING COURSE MAY BE

ROTC students may be offered a course in flying at the University of Nevada if five advanced ROTC students can pass the necessary qualification tests.

# **Nevada** Debaters Will Participate In L. A. Tourney

Five University of Nevada debate teams will take part in a Western Speech Association Forensic tournament.

The meet will be held in Los Angeles at George Pepperdine college on Nov. 25, 26, and 27.

The eleven western states will be represented by some 50 junior and senior colleges. Each school will be permitted to enter ten per-

The team members and the events they will enter will be announced later.

#### Philosophy Club Holds First Meet

A reading on aesthetics was given by Dave Necco, a senior majoring in philosophy, at the first meeting of the Philosophy Club.

Dr. Robert Roelofs and Dr. William Halberstadt, faculty advisors for the club, say that anyone interested in philosophy and serious philosophical discussion may attend the meetings.

The club plans to meet once a month and will hold their next meeting in December. Posters will announce the date, time and place of the net meeting.

The Sixth Army notified the University of Nevada of the opportunity after it had difficulty finding enough students from other schools to fill the demand. Previously, this course has been allowed by the Army to only forty colleges and universities in the country.

Twelve Nevada students expressed interest in the program and will take flight physicals at Stead Air Force base next week.

The course is designed to teach ROTC students enough about flying small planes so that they can qualify for their private pilot's license. Upon entering the service, the student may then decide whether to cotinue training in flying small planes or helicopters.

If offered, the new course will be open to all men taking senior ROTC, having completed summer camp, and to any student who has completed advanced ROTC but who has not yet graduated.

# Two Receive Scholarships for Home Economics

Two home economics majors recently received \$50 scholarships from the Southern Nevada Home Economics association.

Carol McBain and Carol Hardy were the two recipients. The scholarships are given to the two outstanding home economics majors from southern Nevada. Its purpose is to create interest in home economics and to encourage women to continue their studies at the University of Nevada.

## Dean of Nursing School Will Arrive Soon

University of Nevada's newly appointed dean of the Orvis School of Nursing, Mrs. Helen Huberty Gilkey, met with administrative sentation was made by Col. John officials and nursing students here Oct. 21-26.

> Mrs. Gilkey was named dean of the nursing school by the University's board of regents last August. Her appointment is effective in January, 1958, when she will assume the deanship left vacant by the resignation of Dr. Doris Yingling last June.

Established last year to meet Nevada's pressing need for nurses. the School of Nursing enrolled its first freshman class of 12 students this fall.

# Home Ec School **Begins Movement** To New Building

The home economics department began moving this week into its new building, the Sarah Hamilton Fleischmann school of home economics. The home economics department will share part of the building with the school of nurs-

New equipment has been ordered for the foods classes. The kitchen equipment has not arrived yet and the arrival date is not certain. Classes for home economics courses which require equipment will probably not meet in the new building until the beginning of next

The agriculture building will be approximately half empty when all the home economics classrooms are vacated. One half of the upstairs and two rooms downstairs are held at the present time by home economics students.

No immediate plans are in sight for the vacant rooms in the agriculture building.

### Swiss Geological Maps At Mackay Mines School

A set of geophysical maps of Switzerland has been received by the Mackay School of Mines from a former student, John Rykken.

Dr. Richard Larson, chairman of the department of geology-geography, said that they will be used primarily for the course in Structural Geology. The maps with accompanying descriptions show the structural features of Switzer-

Rykken, now studying for an M.A. degree in geology at the University of Lausanne in Switzerland, graduated from the University of Nevada in 1953.

# **Many UN Students** Will Attend Gala Nev. Southern Day

More than 100 University of Nevada students are expected to be in Las Vegas this weekend for the "University Day of Nevada Southern' celebration.

Nevada Southern is a regional division of the University of

Nevada and recently has received status of a four-year college.

Nevada Southern has issued welcomes to students of the University of Nevada and to those from Arizona State (Flagstaff) who will be in Las Vegas for the Nevada-Arizona State football game Saturday afternoon.

#### LIKE HOMECOMING

University Day of Nevada Southern is tomorrow, and a full day of activities, similar to those of homecoming, are scheduled.

The day will begin with a parade down Fremont Street at 9 a.m.

At 11:30 a.m. a jazz concert will be presented in the Las Vegas High School auditorium, Ninth and Clark Streets.

At 12:30 p.m. a luncheon for officers of the three universities will be held at the Royal Nevada Hotel on the Las Vegas Strip.

Winding up the activities of the day will be a dance which begins at 8 p.m. at the Hacienda Hotel, also on the Strip. Admission President Minard Stout explained. to the dance is one dollar a couple.

# **NEVADA FACULTY HIGHEST** PAID OF WESTERN SCHOOLS

University of Nevada faculty members are receiving the highest average salaries paid by any of the 21 western state universities and land-grant colleges which participated in the 1956-57 Idaho Study.

President Minard Stout said the Idaho Study shows that

# **Brushfire Still Seeking More**

Regents Accept

**Nearly Million** 

**Dollars** in Gifts

from Jan. 1 to Nov. 2, 1957.

University of Nevada's board of

regents have accepted cash gifts to

the University amounting to \$988,-

290.39 during the past ten months,

The gifts included donations to

individual University departments

and schools; bequests; establish-

ment of new scholarships and

awarding of funds for scholarships

which are endowed each year; pay-

ments on existing scholarships and

loan funds; grants; donations for

research; funds for new buildings;

and miscellaneous gifts. University

New-comers to the Brushfire staff, the University of Nevada's campus literary magazine, listened to selections suitable for publication by the magazine at a recent meeting.

at the home of Barney Mergen, poetry editor, was to give the new staff members ideas of the type of material wanted by the Brushfire. The next issue will appear in April.

George Mross, co-editor, read one of his short stories, and Barney Mergen read a poem of his. Other selections were read by the staff and their guests. Marion Burleson, business manager, reported on the advertisements for the magazine.

Dave Lowe, co-editor, said that it is hoped that students who are interested in writing, or would like to help on the staff by typing or aiding in the lay-out of the magazine, will attend the meetings.

The members of the staff are: Mross and Lowe, co-editors; Burleson, business manager; Mergen, poetry editor; Ron Moroni, art editor, and Anita Taylor and John Regnell who are on the editorial Nevada's instructors, assistant, associate and full professors average the top wage in each of these academic ranks, compared to the other institutions.

Employed on the nine to ten months contract, Nevada instructors receive \$5200, assistant professors \$6121, associate professors \$7007, and professors \$8861. The institution which came closest to Nevada salaries paid \$4494, \$5360, \$6913, and \$8675, according to the various ranks.

University of Nevada salaries were also higher for individuals The purpose of the meeting, held hired on a 12-month basis, with wages ranging from \$5680 to \$9800, as against the next highest institution's \$5600 to \$9774 salary range.

> Academic deans at the University are the third highest paid among 20 of the land-grant and state institutions. Average wage for Nevada deans is \$11,762, while the highest dean salary in the study averaged \$12,500.

Land-grant institutions participating in the Idaho Study were the Universities of Arizona, Idaho, Nevada, and Wyoming; and the Colorado A & M, Kansas State, Montana State, Oregon State, Texas A & M, and Washington State colleges, and New Mexico College of A & M, South Dakota College of A & M, North Dakota Agriculture College, and Utah State Agriculture College.

State universities surveyed included the Universities of Colorado, Montana, New Mexico, North Dakota, Oregon, South Dakota, and Utah.

#### Marine Corps Offer College Training

ested in the United States Marine (aviation) are available to fresh-Corps "in college" training pro- men, sophomores and juniors. The grams will be interviewed November 19 and 20 in the YWCA room require no drills or military classes in the basement of Stewart hall. A team of Marine officers from San Francisco will conduct the in-

Positions in Platoon Leaders dents.

635 North Sierra Street

University of Nevada men inter- | class and Platoon Leaders class programs are draft deferable and during the year.

Officers candidate class and aviation officers candidate class are open to seniors and graduate stu-

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# Pack Plays Arizona State In Final Football Game

football team will travel to Las against the Arizona State College at Flagstaff Lumberjacks. The Nevada Wolf Pack will enof underdog.

The Wolf Pack, which is now one step from the Far Western Conference cellar, will be taking

MASON'S BARBER SHOP Complete Barber Service for the Family

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Conference in Arizona State, which strength. Left halfback Gary Lund-Vegas for a Saturday game won three games and lost none in league contests.

The Lumberjacks have an overall record of seven wins and one deter the game in its usual role feat. Their only loss came at the State. hands of Long Beach State which pushed over a touchdown in the final minutes of play to win a 7 to 6 thriller.

Arizona State runs from the slot-T, wing-T, and spread, and is led by fullback Cruz Salas who has scored 44 points in eight games while averaging nine yards per carry and 76 yards per game.

**FULL STRENGTH** The Nevada squad will go into

The University of Nevada on the champion of the Frontier the final game at nearly full gren, quarterback Don Hudson, and center Howdy Davis should all be back in action after missing last week's game with Humboldt

> Wolf Pack defensive drills for the week were designed to stop the powerful ground game of Arizona State, which has averaged 230 yards per game rushing.

> Offensive drills stressed individual blocking skills which have failed the Nevadans numerous times in clutch situations during the sea-

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# SAE, Sigma Nu Leading In

Sigma Alpha Epsilon and Sigma Nu are leading the intramural basketball competition with two wins each and no losses.

The results of the games which have been played are as follows:

Sigma Nu over Civil Eng. S.A.E. over Theta Chi Ind. over A.T.O. Lambda Chi over Theta Chi S.A.E. over Civil Eng. A.T.O. over Theta Chi Sigma Nu over Ind.

The scores for each game are not in the records of the Director of Intramural Sports and are not normally recorded.

# Star Addresses

Gordon Wren, former Olympic star and Olympic coach, explained the junior ski program at the first meeting of the University of Nevada Ski club recently.

Also on the agenda was a fashion show sponsored by a Reno sporting goods store. Cathy Zimmerman was in charge of the arrangements for the fashion show.

Halfback Ron Marone leads the Wolf Pack in net yards gained rushing with 188 yards

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#### **Attend Convention**

Four University of Nevada students attended conventions in Southern Nevada this weekend.

Two members of the Student National Education Association went to Boulder City for the Classroom Teachers Association convention. Gail Wooster and Winona Bromely attended.

#### SNEA Sponsors Film On 'Cosmic Rays'

A film entitled "Cosmic Rays" will be shown at the University of Nevada next week.

The hour-long picture is open to the public and will be shown at 7 o'clock, November 19, in the Education auditorium of the Education Building.

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Dill Pickle Mayonnaise

Salt and Pepper Served in a Basket and Covered with Giant Idaho French Fried Potatoes

# UP Correspondent To Address Clubs

A University of Nevada journalism graduate who is now a United Press foreign and war correspondent, Robert C. Miller, will be the guest speaker at a joint meeting of the University of Nevada Press club and the undergraduate chapter of Sigma Delta Chi.

The meeting will be held on November 20 at 7:30 p.m. at the Sigma Alpha Epsilon house, 835 Evans Avenue.

Miller, who has just returned from a year and a half in the South Pacific, will tell prospective journalists about the journalistic and political situations in the South Pacific.

One of the fifteen American newspapermen invited to Red China by Chou En Lai, the Red Chinese foreign minister, Miller has had to decline the invitation as the U. S. State department will not issue visas to American newspapermen to go into Red China.

Presiding at the meeting will be Karen Knudson, president of the Press club, and Robert Mount, president of the undergraduate chapter of Sigma Delta Chi.. Sigma Delta Chi is a national professional journalistic organization.

Journalism majors interested in belonging to the Press club may attend the meeting, as well as present members of the Press club and Sigma Delta Chi

My own house is not so shatterproof as to permit me to cast the first stone.

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# Kellogg's Krispies

In defiance of superstition, Sundowners are having their annual Gobbler's Ball tonight, just 13 days before Thanksgiving. Only it will be guzzle, guzzle, guzle instead of gobble, gobble, gobble tonight. Thanks be given to these socially elite men.

Louie Porta, ex-president of Sundowners and a graduate of last year, is back on leave from his six-month stay with the Marines in Southern Cal. He's been getting in shape for the dance for a week now, and it will probably take months for him to get back in shape for his D. I.

Formals and costume dances are now underway with Theta Chis and Sigma Nus on this week-end's costume dance agenda.

SAE's had their notorious Indian dance last week. Letting out war-whoops were Bob Backie and Vangie Smith . . . Alan Ross and Pat Dun . . . Dean Kapsalis and Carra Rainey . . . Norm Scoggins and Deanna Woodliff . . . Bruce Rossman and Loralee Smith . . . Don Bernard and Carolyn McGowan . . . Tim Chegrew and Nancy Brummage . . . Ed Curnow and Karen Rietjens . . . Ted Evans and Judy Stammer.

Smoke that peace pipe and bury that hatchet: Bill Adams and Joanne Rogero . . . Don Hudson and Cynthia Heth . . . Chet Wood and Nancy Samuels . . . Speedy Alvare and Myrna Howard . . . Steve Dollinger and Charlotte Sheldon . . . Connie Houx and Rita Miolini . . . Bill Campbell and Jill Stratton . . . Bob Clements and Sharon Wendt . . . Ron Broderdorf and Diane Hayes.

Pi Phi Tish Sawle is now wearing Frank Kendrick's Sigma Nu pin again. It seems that the pin was very definitely misplaced for approximately a week.

The formal dance season opened last Saturday with the 29th annual Military Ball. Congratulations to Independent Delores Chambers who was awarded the sabre . . . condolences to those who got the shaft.

Seen amid the military uniforms were Del Rice and Sally Holmes . . . Tom Harris and Marlene Belli . . . Roger Bremner and Kay Gadda . . . Bobbie Ferrari and Marie McDonough . . . Bob McGeehee and Lynn Brown . . Dale Fraser and Janene Assuras . . . Jim Corrica and Marilyn Ferrari . . . John Sibbald and Gail Fuhrman . . . Eleanor Harp and Tom Luichinger . . . Bill Welsh and Patsy Lewis . . . Bob Morrill and Barbara Howard . . . Gary Andreas and Alex Anastassatos . . . Bill Witt and Theresa Mariani . . . Mark Nicklanovich and Joanne Todd . . . Tom Frost and Sharon Sorenson . . . Bill Cantlon and Susan Hale . . . Dick Bryan and Dianne Coate.

If anyone sa wa hit-and-run at the corner of University Terrace and N. Sierra recently . . . followed by a woman-beating offense . . . keep it silent to protect the names of the innocent.

Editor's Note:-

The writer of this column Nora Kellogg, recently joined the ranks of the pinned ones. She is the proud wearer of the Snake pin of George Mross, Brushfire co-editor. (Too modest to write this herself!)

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pleted, six were intercepted, and 816 net yards gained.

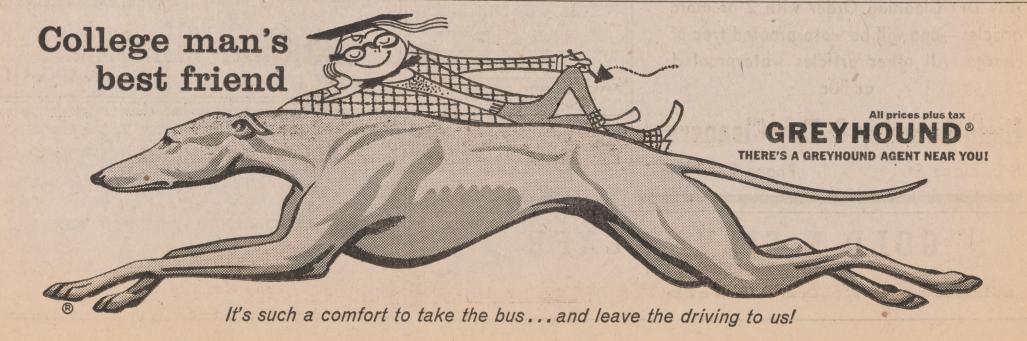
D O N 'S BARBER SHOP

Nevada quarterback Ken Fu-

jii has attempted 142 passes

this season. Seventy were com-

358 N. Virginia
One Door N. of the Sportsman



# Editorial

# Student Promotion of the **University of Nevada**

ASUN President Don Travis and Blue Key Fraternity President Don Rasmussen recently launched a drive for promotion of the University of Nevada by students.

Points of their program called not only for University agencies to promote the University, but also the students—by talking with high school friends, associates and acquaintances, andmost important to keep Nevada high school graduates in Ne-

A tremendous number of high school graduates are attending out-of-state colleges and universities, not so much because all other schools have more to offer than Nevada, but because the high school seniors and graduates know little or nothing about the University of Nevada.

There are two main sites of the University of Nevadain Reno and Las Vegas. Besides these, there are regional divisions in the central part of the state.

With all these sites, there should be many more Nevada high school graduates attending colleges in this state than are

now represented. If the high school graduate is exposed to the advantages of attending school in the state, the state will benefit in many important ways, the most important of which is that the educated Nevadan will probably remain in Nevada, instead of perhaps taking residence in another state because he attended college in the foreign state.

Nevada high school students will listen more readily to a friend or a University of Nevada student than to a stranger

The University of Nevada student who promotes this University to his friends will be doing his University, his state and himself a great favor.

Travis and Rasmussen have launched a program which has in sight great gains for the University of Nevada if success-

Others now should take up the program of personally promoting this University.

# **BROWN KNOWS**

By BILL BROWN

Special for Month of November

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articles—one will be waterproofed free of charge. All other articles waterproofed

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It was interesting to see in print for that he wanted to assure a for the first time the so called wide readership of his comments. "other" side of the current University presidential problem. In in the Nevada papers contained excerpts of an interview granted a great deal of material that would by our president to a mid western seem to indicate that this was not reporter we are clearly able to see a carefully thought out interview his views on such matters as aca- but one given with some heat. demic freedom, tenure and the board of regents.

The president, who has never enjoyed what might be called "good" relations with a great deal of the state's press, chose to make public his views to a reporter of the Minneapolis Trib-

This action seems to imply that President Stout has little faith in Nevada newspapers and reporters,

The excerpts that were reported

The president of any University by his position alone is news worthy but when an interview such as the one in question is given it contains enough controversy to make any editor anxious to print it. Thus in essence, what the president has done is present his views in such a manner that makes it impossible for those he has attacked to defend themselves. The large

#### UN Business Research Bureau Makes History

versity of Nevada's bureau of busi- Plumley, Sidney Claunch, William ness and economic research to gain Houwink, and Dr. Gordon Barnfull membership in the National Organization of Business and Economic Research Bureaus.

This is the first time in the history of the organization that it has awarded full membership to a bureau as young as Ne-

Nevada's new bureau was organized in July, 1956, at the same time as the College of Business Administration. Dean Robert Weems is the director and has Dr. Ben Wofford as his associate director.

mid-western readership of the Tribune has received only one side of the story and it is very unlikely that they will ever have a chance to hear the other side.

In the article President Stout listed his accomplishments during his term as president of this University. These accomplishments in themselves were very impressive but it was not stated that these accomplishments were made with the help of the very groups that he attacked within the article. In letting the record stand for itself President Stout is taking all the credit and giving none to those people who helped him achieve this fine record of progress at the Uni-

With all due respect to President Stout I feel that he has done the University a great injustice in granting the interview that resulted in a great many people acquiring only one side of the story. It is to the people of the State of Nevada that he is responsible, and it is to these people that his views should have been directed, and the people of Nevada should not have found it necessary to read the Minneapolis Tribune to find out how the president of the state university felt about conditions within the state.

The history of journalism within the state of Nevada has been a proud one. There is no reason to suppose that any unfairness would have resulted in publishing the president's views within the state.

# The UofN Sagebrush



Issued Weekly during the school year by the Asso-ciated Students of University tion periods and the first two weeks of each school

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Subscription Rate \$1.10 per Semester

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# Clay Darrow Named Player of Week

Clay Darrow, guard on the University of Nevada football team, has been named player of the week for outstanding play in last week's game against Humboldt State.

Darrow suffered a pre-game warm-up injury, his eyebrow was cut and four stitches were needed to close the cut.

"Yet," stated assistant coach Dick Dankworth, "he played an outstanding game. During the game he blocked a Humboldt State punt."

Darrow is a senior at the University, and in three years at Nevada he has played tackle, end, and this year is a left guard on the Wolfpack team.

He is a 6-2, 207-pound business administration major.

drive for subsidization of the football players.

# Young People At Song Festival

Young people of all denominations were invited to attend a song festival sponsored by the Reno-Sparks United Christian Youth Council, a part of the United Christian Youth Movement.

Eight local churches participated in the festival, held on November 10, at the First Christian

At a meeting of the council on October 21, 23 representatives of the churches met at St. John's church to organize the song festival and other activities for the coming year.

The eight participating churches are the Federated church, Trinity Episcopal, First Baptist, New Hope Baptist, First Methodist, First Christian, St. John's, and the Stead Air Force Chapel.

Moderators of the council meeting were Mr. and Mrs. Alan Cabsbeek. The next meeting will be on November 18, at 7:30 p.m. It will be held at the Trinity Episcopal

Poor Queen Elizabeth, she has such a sad lot . . . handsome hus-Darrow is now spearheading the band, who doesn't seem to be a bore, two healthy children . . . and money.

#### NEW RELEASE LP HIGHLIGHTS . . .

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## **Tighten Campus Traffic Rules**

The University patrol is conducting a crack-down on student parking violations on a day and night basis through the office of the University Engineer.

The formerly relaxed policy toward parking in red zones at night, due to the manpower shortage on the patrol, is now one of strict enforcement.

Beginning Tuesday night, all violators received a citation from the patrol. The fine for a first violation is one dollar, and progresses a dollar for each reoccurrence. Patrolman Leonard Bonk handed out "about 25" citations Tuesday night.

Absolutely no parking by anyone will be allowed on the north and west sides of the new Engineering building, day or night. This includes visitors, students and facthuman was a state of the state

# FIRST MEETING OF ALUMNI INTER-FRAT COUNCIL HELD

Problems of fraternity life were discussed at the first meeting of Affairs, termed the first meeting the Alumni Inter-Fraternity Coun- successful. cil held at the Holiday Hotel.

#### Youth Council to **Elect Officers**

Elections of officers will be held Christian Youth Council. The counsocial and service projects for the Reno-Sparks area.

The council will meet on Nov. 18 at 7:30 p.m. at Trinity Episcopal church. To date, eight churches have indicated they will send representatives. Any other church youth groups interested, however, are invited to send representatives.

Samuel Basta, Dean of Student

Alumni of various ages as well as the President of the University of Nevada Inter-fraternity council, Bob Lewis, and Director of Alumni, John Sala, attended the dinner and discussion.

The alumni represented each at the next meeting of the United fraternity on campus. This plan of alumni representation seems to cil, a part of the United Christian be working well with the prob-Youth Movement, will also discuss lems of the active fraternity man, according to Dean Basta.

Problems discussed at the meeting were pledging, rushing, finances, social behavior, board and room and how the Alumni IFC could assist the fraternities with these problems.

The group will be working as a cooperative venture between the alumni IFC, the office of Student Affairs, and the fraternities on the University of Nevada

Bob Lewis and John Sala gave talks about their respective positions on campus.

The group is now in the process of drawing up its constitution, membership, and by-laws.

# Science, Math Teachers in **Great Demand**

Sputnik, and then what?

In view of the world situation today, the College of Education is making a special appeal to all students who are qualified to consider teaching science and mathematics in high school and college.

Dr. Garold Holstein, dean of the College of Education at the University of Nevada, says that industry is hiring so many qualified scientists that there is a shortage of science teachers.

The college's enrollment is up more than 20 per cent over last year, he says, but 3000 requests for teachers are received annually through Nevada's teacher placement bureau.

Science, mathematics, music, and art teachers are desperately needed, according to Dean Holstein.

#### Wolf Pack Opponent Wins Football Title

Arizona State College at Flagstaff defeated New Mexico Western 44-12 last week to win undisputed claim to the Frontier Conference.

The Lumberjacks of Arizona scored at least once in each quarter, capitalizing on a good pass attack to score four touchdowns. They also picked up three touchdowns on the ground-two short plunges by Cruz Salas and a 64yard run by Rudy Cabera.

The University of Nevada Wolf Pack will close its current football season against Arizona State (Flagstaff) on Nov. 16. The game will be played at Las Vegas.

#### ◆ THE REPORT OF THE PROPERTY Ross-Burke Co.

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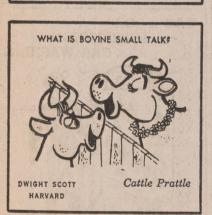














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PENN. STATE

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#### Copies of Career Opportunities on Sale

Men on campus-if you are interested in the many careers open for men today, Blue Key has ordered a comprehensive book titled: "Careers: For College Men."

Copies will be on sale Monday under the direction of the service organization in room 208 of the educational building. Members of Blue Key, under the direction of Don Rasmussen, will be on hand the entire day to discuss the careers of interested men.

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#### Plan Summer Sessions

Plans are being made for University of Nevada summer school programs, special features, and faculty personnel for the 1958 summer school sessions.

The sessions will be held on both the Reno and Las Vegas campuses from June 9 to August 15.

Plans are also being developed for special workshop and conference sessions to be held at the university 4-H club facilities at Lake Tahoe from June 9 to July 12.

Geometry teaches there is a shape for every need.

PHONE

FA 3-0397

RENO, NEVADA

# 40 STUDENTS SERVING AS 'GUINEA PIGS' EXPERIMENT FOR ENGLISH LEARNING

About 40 students in two sections of Freshman English are serving as guinea pigs to test what is believed to be a more effective method of teaching English.

of English here, devised the plan. a week, a weekly group confer-

It has been found more effective ence made up of three or four in a recent test conducted at the University of Oregon.

One Class Meeting

Dr. Laird's plan calls for only Dr. Charlton G. Laird, professor one class meeting of each section





"Glowing wafer" of light (electroluminescence) sheds illumination on the faces of three Westinghouse scientists who helped to develop it. Left to right: Dr. Willi Lehmann (University of Brunswick, Germany); Dr. Henry F. Ivey (University of Georgia, Massachusetts Institute of Technology); and R. W. Wollentin (Rutgers University).

# The Light With no Third Dimension

A new source of light is nearing practicality. Called electroluminescence, it comes from a flat surface. By the twist of a knob, you can change the brightness, or even the color, of a room.

Since electric lighting first became practical, only three basically different light sources have achieved widespread use-incandescent, fluorescent, and gas-discharge lamps. Now a fourth basic type electroluminescence-is nearing practicality. With fewer theoretical limitations than any of its predecessors. it promises to revolutionize lighting

and become a practical light source of the future.

In an incandescent lamp, light comes from a single point. In a fluorescent lamp (form of gasdischarge), light comes from a straight line. In electroluminescence, light comes from an area or flat surface. Electroluminescence is light emission from phosphor powders embedded in an insulator, excited by an a-c field.

Westinghouse engineers gave the first practical demonstration of this new light source. They lighted an entire room with flat electroluminescent panels on the ceiling and three walls. These panels were onefoot-square flat glass plates about as thick as a window pane and coated with a plastic containing the phosphor. They were topped off by an aluminum conducting coating. Hooked up to a source of power, these plates had a brightness of 100 foot lamberts in their present stage of development.

Since some phosphors have more than one emission band, the color and brightness of electroluminescent lighting can be changed by varying the frequency. It is possible to control the color of a room, and brightness too, simply by twisting a knob. Besides supplying ordinary light, this new light source has other fascinating possibilities. Just one is "picture framing" television. An electroluminescent cell might replace the conventional cathode-ray tube in such a set.

Westinghouse engineers, under the supervision of E. G. F. Arnott (Princeton '28), developed electro-

Changing Colors in Electroluminescence Multicolored panel of one type is made by stacking red (R), yellow (Y), green (G), and blue (B) phosphors. Inductors are used to tune each layer.

luminescent lighting under the name of "Rayescent" lighting. Westinghouse approached the problem, not as a commercial venture, but as a pure research project. Much work remains to be done in this field. It is typical of the pioneering developments undertaken by Westinghouse.

Challenging opportunities for the graduate engineer exist in many fields ... including:

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# Westinghouse

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Please send me more information on Rayescent lighting Job opportunities at Westinghouse Mail to Mr. J. H. Savage, Westinghouse Electric Corp., P.O. Box 2278, Pittsburgh 30, Pa.

than traditional teaching methods students without an instructor, and a weekly fifteen minute conference of the group with an in-

> This system, Dr. Laird believes, will reduce the number of faculty needed to teach beginning English, will increase the number of students an instructor can teach, and may eventually reduce the length of time students must spend in beginning English.

The advantages Dr. Laird claims for his plan include fewer late papers, less plagiarism, better use of instructor's time, and less tension between students and teachers.

However, admits Dr. Laird, the absence of an instructor at the weekly group meeting may result in inadequate criticism of papers.

This plan was tested last year at the University of Oregon along with two other methods, the large lecture section, and the controlled class. Dr. Laird's plan was rated the most effective.

The large lecture section is made up of several sections holding class at the same time and the controlled class holds regular meetings with about twenty-five students in the ordinary way.

Selected Students

Dr. Laird hopes that it will be possible to experiment here with groups of selected students instead of those chosen at random. Students would be classified on the basis of a first theme.

Dr. Laird believes that "students can learn with much less instruction than they are offered, if they want to" and that "highly skilled teachers might be reserved for highly skilld purposes"; instead of spending much time in correcting of spelling and punc-

Dr. Laird outlined his plan in the December, 1956, issue of "College English."

550 Registered In Correspondence School

University of Nevada's Correspondence Study Division has the highest enrollment in its history this fall with 550 students taking courses, the division's director, J. Patrick Kelly, has announced.

Most of the correspondence students are Nevadans, although 12 other states are represented. Students include teachers seeking certification, persons continuing study for a college degree, and regular University of Nevada students who occasionally use correspondence

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