

Vol. XLV, No. 25

State College Station, Raleigh, N. C., Thursday, Nov. 10, 1960

Statistical Institute Is Recipient of Grant

from the National Institutes of Health to be used for developing a new program in biomathe-

The announcement of the grant was made today by Prof. Jackson A. Rigney, head of the Institute of Statistics at State College.

Professor Rigney commented that the grant will become effec-tive January 1, 1961, and that the total amount will be distributed to the Institute of Statis-tics during a period of five vears.

Dr. John T. Caldwell, chan-Dr. John T. Caldweil, chan-cellor of State College, said, "This grant will enable us to break new ground at the high-est levels of education in the field of statistics."

The grant will be used to

N. C. State Is Host For Two Day Meet **On EE And Textiles**

A conference on electrical, equipment for the textile in-dustry will be held today (Thursday) at North Carolina State College with representa-tives from the electrical engi-neering field and the textile industry from throughout the Southeastern states attending.

Topics of discussion during the two-day event will cover technical areas and problems common to both groups. Registration will begin at 10 a.m. Thursday in the lobby of of Riddick Engineering Labora-topics Building and will continue

tories Building and will continue until 1:30 p.m. when the first session of the conference is cheduled.

Jointly sponsored by the Textile Industry Subcommittee and the North Carolina Section of the American Institute of Electrical Engineers and the Department of Electrical Engineering and the School of Textiles at North Carolina State College, the conference will be officially

opened with an address of wel-come by Dr. J. H. Lampe, dean of the School of Engineering. Special remarks will be made by Prof. Henry A. Rutherford, head of the Textile Chemistry Department and director of emical Research at the School of Textiles.

Nine technical speakers are scheduled for Thursday and Frischeduled for Thursday and Fri-day. Presiding at the sessions will be John L. Ponser, Carolina Power and Light Company, Ra-leigh; E. R. Davis; E. I. Du-Pont de Nemours Company, En-gineering Department, Wilming-ton, Del.; and Dr. George B. Hoadley, head of the college's Department of Electrical Engi-neering.

Department of Electrical Engr neering. Edward K. Kraybill, chairman of the North Carolina Section of the AIEE, will preside at a Iuncheon session Friday in the College Union. A member of the State College coaching staff will show movies and discuss "Foot: ball as Seen by the Coaches." The Committee also has some new tapes. They are: Dave Brubeck, "Time Out"; games and delightful company Dizzy Gillespie, "Have Trumpet, untervention Inter-State College coaching staff will show movies and discuss "Foot: ball as Seen by the Coaches." The Committee also has some new tapes. They are: Dave Brubeck, "Time Out"; games and delightful company Dizzy Gillespie, "Have Trumpet, at the College Union Inter-be held at 2:30 p.m. Sunday eral artists, "Jazz Omnibus"; Student Union Cabin. (See Crier, page 8)

RALEIGH, N. C., Nov. 11— train students at the graduate The Institute of Statistics at and post graduate levels, to par-North Carolina State College ticipate in research, and to hand has received a grant of \$392,848 mathematical tools to biologists. The ultimate aim of the work

Complete (UPI) Wire Service

made possible by the grant will be to bridge the gap between biology and mathematics.

When the gap has been elimi-nated, the biologists will be able to be explicit in their descrip-tions of complex reactions and processes, Professor Rigney said

The complexity is due to the fact that biological organisms have the capacity to perform essentially the same process over a wide range of environ-

WASHINGTON, UPI-Presi- men who will work with Cabi- packed finish which saw a rec-dent-elect John F. Kennedy net members and other high gov- ord number of Americans line moved swiftly Wednesday to ernment officials during the up at the polls. provide for a Republican-to- transition period. The president-Democrat transfer of the gov- elect expected to appoint his nedy 23 states with 337 electoral ernment on the heels of his representatives Thursday. photo-finish victory over Rich-As this government business He was leading in two more ard M. Diven

year-old winner began arranging for conferences with the Eisenhower administration preparatory to taking over the reins Nelson A. Rockefeller. of government Jan. 20. At the same time, t President Eisenhower invited cratic and GOP nation

Kennedy by telegram to name

photo-finish victory over Rich-ard M. Nixon. Shortly after Nixon fully con-ceded defeat in the cliff-hanging wake of the GOP's election de-presidential election, the 43- feat. Arrayed against each other were conservative backers of Barry M. Goldwater and porters of New York Gov. supporters

tion outcome.

At Hyannis Port, Mass., where he waited out the elec-Mass., where he waited out the elec-tion returns, Kennedy received congratulatory telegrams from Nixon and Eisenhower. He then called on all Americans to close ranks in a supreme effort to meet the "difficult and challeng-ing years" ahead. Was Still Smiling Nixon still similing in defect

Was Still Smiling Nixon, still similing in defeat, wired Kennedy congratulations from Los Angeles before head-ing back to Washington to assist in the changeover of the govern-

ment from Republican to Democratic hands. Kennedy's victory made him

As Republican Fight Starts WASHINGTON, UPI-Presi- men who will work with Cabi- packed finish which saw a rec- ried by President Eisenhowe

Kennedy Begins Preparation

Offices in 1911 Building

Votes—os more than he needed. He was leading in two more states—New Mexico and Alaska —with a total of 7 electoral votes. In Mississippi, which has 8 electoral votes, a group of un-pledged electors was declared

the winner. Nixon won 24 states with 185

supporters of New York Gov. Nixon won 24 states with 185 Nelson A. Rockefeller. At the same time, the Demo-cratic and GOP national chair-3,029,203 popular votes and men split over whether Ken-Nixon 32,725,435. The Demo-nedy's showing in the four TV crat's share was only 50.23 per lebates or Republican losses in cent of the two-party total for the big "Negro vote" areas had a percentage margin of 0.46— the greatest effect on the elec-the smallest since Democrat Group Claveland heat James G. Grover Cleveland beat James G. Blaine by less than 0.3 per cent. Indicative of the closeness of

the race in some states was the fact that at one point Kennedy led Nixon in Alaska by only 10 votes out of a total of 45,000 votes. **Offered** No Excuse

Offered No Excuses Nixon's campaign manager, Robert Finch, said the vice pres-ident might still capture the popular vote despite losing the payoff electoral vote. He pinned his hopes on rural votes in scat-tered states and absorbe bel tered states and absentee ballots

Nixon's aides offered no cuses for their defeat. But GOP National Chairman Thruston B. Morton said Nixon took only 10 the youngest man and the first National Chairman Thruston B. Catholic to be elected to the Morton said Nixon took only 10 White House. He walked off or 12 per cent of the Negro vote with the prize in a suspense- as against the 26 per cent car-

He also cited the religious is-sue as a "very important" fac-Latest UPI returns gave Ken- tor, declaring that "on balance, nedy 23 states with 337 electoral I think it was against us." He votes—68 more than he needed, said the GOP picked up some He was leading in two more extra Protestant votes in the states—New Mexico and Alaska South but not enough to offset the Catholic vote in big indus-

trial cities. Morton's version was disputed by Democratic Chairman Henry N. Jackson. He said the election was won by votes from all types —Protestants, Catholics, Jews and Negroes—who were "in the and Negroes—who were "in the right state at the right time,"

The partisan sparring was accompanied by an intra-party GOP row over Rockefeller and his role in the party now.

Sen. Goldwater, already with an eye on 1964, said the gover-nor had proved he was no leader when New York fell to the Dem-ocrats. The Arizona senator served notice he and his conservatives expected to have a major voice in party affairs.

Wants Committee Established Sen. Kenneth B. Keaton, R. N. Y., fired back that Rocke A. 1., fired back that Kocke-feller "emerges as one of the great leaders of the Republican party." He said the governor's "progressive" policies were the only kind that could win for the COP GOP.

Keating proposed th at the Re Keating proposed that the me-publicans set up a GOP commit-tee representing all shades of political belief to prevent "bloodletting" within party ranks.

As throughout his campaign, • appealed to the people for help in carrying out his foreign and domestic programs. And he told Nixon he knew they could main-tain "their long standing cordial relations in the ahead."

In conceding defeat, Nixon assured Kennedy that "you have the united support of all Ameri-cans as you lead this nation in the cause of peace and freed during the next four years." the caus lom

Carolina Writer To Talk At CU On **Historical Novel**

Manly Wade Wellman, Manly Wate Water, teemed North Carolina writer, will speak at the College Union, Wednesday (November 9), at teemed

will speak at the College Union, Wednesday (November 9), at 8 p.m. in the CU Theatre. Wellman is a professional writer of history and fiction. He is the author of more than 500 chort stories and articles pubshort stories and articles pu lished in national magazin and of thirty published boo dealing. most of them dealing w aspects of Southern history. His most recent novel

His most recent novel is CANDLE OF THE WICKED, published in September, as story based on violent occurrences in

based on violent occurrences in the history of the Kansas fron-tier during the 1870's. Manly Wade Wellman lives in Chapel Hill, but has lived in many parts of the United States. He was born in Portuguese West Africa of Colonial descent Wellman will speak on "Writ-ing about the American Past"

Jap Navy Commander Lauds Kennedy Again TOKYO-Kohei Hanami, cap- through the 1960's." tain of a Japanese Navy de-stroyer which rammed and sank LOS ANGELES-Vice-Presi-Navy Lt. John F. Kennedy's torpedo boat in World War II,

News Quotes

dent Richard M. Nixon, in a telegram to Sen. John F. Kennedy, conceding defeat in the on Kennedy's election as presi-

on Kennedy's election as presi-dent: "For the second time I take "I know that you have the my hat off before that brave united support of all Americans fellow." ing the next four years.'

HYANNIS PORT, Mass. — President-elect John F. Kennedy, President-elect Jonn F. Kennedy, in his victory statement: "To all Americans I say that Vatican official, on the religious the next four years are going issue in the election of Roman the heat difficult and challenging Catholic John F. Kennedy as the next four years are going to be difficult and challenging years for us all. The election

president: "What is really important is may have been a close one, but I think there is general agree-ment by all of our citizens that not so much the fact that the president of the United States is a Catholic but that a Catholic a supreme national effort will a Catholic but that a Catholic be needed in the years ahead could become the president of to move this country safely the United States."

- Campus Crier -

the CU Theatre.

Among the films to be pre-sented will be "The Future of One Million Africans," an ap-praisal of the situation existing praisal of the situation existing in three British protectorates, and an intimate view into the national life of their inhabit-ants. Another of the films is "Freecos in Danish Churches," a verbal and pictorial descrip-tion of the medieval paintings done on the wet plaster wells done on the wet plaster walls of the old Danish parish churches. All students are urged to attend both the film showing and the coffee hour which will follow.

The College Union Inter-Girls from several colleges national Committee is present-have been invited to participate ing a film program that should and it promises to be a really prove to be a stimulating ex-pleasant affair. There will be perience for all State College delicious food, stimulating students. The program will be games, soothing music, and held November 11 at 8 p.m. in above all, fine fellowship. The cul Theatre

Tickets are available at the College Union main desk until noon, November 12.

The College Union Inter-national Committee extends its sincere congratulations to the Students from Iran with the arrival of their crown prince.

The College Union Music has re-recorded several of their old tapes. They are:

"Rapsody in Blue," "Grand Canyon Suite," "Swan Lake Ballet Suite," and "William Tell Overture."

State Men's Glee Club Announces Concert Plans RALEIGH, N. C., Nov. 12- Turner, publicity manager. Ac North Carolina State Colege's companists and G. B. Purcell

Men's Glee Club, 85-voices- and Ames Christopher, The con-strong, is tuning up for a full ductor of the group is J. Perry Glee program of concerts and tours.

The group, the largest men's glee club in the state, will begin its season's activities December 9 with a Christmas program in the State College Union followed by a television show on Chan-nel 4, December 13 at 8:30 p.m. Other events on the glee club's other events on the give club s forthcoming agenda include pro-grams at the Institute of Reli-gion in January; Saint Mary's School and Junior College; Rox-boro and North Wilkesboro on April 19; and Kernersville and the Wamar's College of the

the Woman's College of the University of North Carolina on April 20.

The State College Glee Club The State College Gree Cluo, this year is not only the largest of its kind in the State, but it is also the biggest by number in the history of the college. Membership in the glee club is made up of volunteers who are required an of students at

regularly enrolled students at the college. The glee clubbers receive no college credit for participation in the group. Officers for the 1960-61 school year are Herbert Little, president: Hour Board

school year are herbert little, president; Hoyt Beard, vice president; Pete Lesslie, secre-tary; Ernest Freeland, treasur-er-business manager; and James

Watson, assistant dire music at State College. director of

Edwards Speaks To Wake Alumni

A talk by Head Football Coach Earle Edwards and elec-tion of new officers will be the principal feature of a dinner meeting of the Wake County State College Club to be held in the west side of the college cafe-teries toricht (Thursder No. teria tonight (Thursday, No vember 10) at 7 o'clock.

James F. Kelly of Raleigh, James F. Kelly of Kaleigh, club president, will preside. Club officers, in addition to Kelly, are J. McCree Smith of Route 1, Cary, first vice presi-dent; J. Finley Boney of Ral-eigh, second vice president; Robert N. Wood of Raleigh, Robert N. Wood of Raleigh,

secretary-treasurer; and Ru-dolph Pate, also of Raleigh, reporter. There are about 2,000 State

College alumni residing in Wake County.

Dinner reservations may be made by calling the State Col-lege alumni office or various class chairmen.

THE TECHNICIAN November 10, 1960

Comments From The Editor Stuffed Boxes

Last week, Dr. Holtzman's politicial science classes at State College conducted a straw vote poll for the administration, faculty, and student body to see how the school felt about the elections that were held this past Tuesday. The students voted in favor of the Republican nominee for President, Vice-President Richard M. Nixon. The faculty voted in favor of Senator John F. Kennedy, the Democratic candidate. As most of you know, Senator Kennedy was elected President Tuesday.

We feel that there were students at State in favor of both parties that stuffed the ballot boxes. The poll was not conducted under the best circumstances. It was easy for any student to vote for either party that he favored more than once since all he had to do was secure more than one Technician.

The Technician did not conduct the poll as was believed by some students. We simply ran the ballot in the paper so that all the students would have to do was clip it out, vote, and drop it in the ballot box. We are sorry that it happened, but it is just one of those things that could not be helped. JB

Kennedy Wins

Senator John F. Kennedy became the first Catholic ever to be elected President of the United States Tuesday. Many people raised the religious issue throughout the campaign as to whether Kennedy's religion would hinder or help him win the election. He stated through out his campaign that it would not hinder him . . . and he was absolutely correct.

The defeat was a bitter one for Vice-President Nixon to absorb. The election proved to be one of the closest ones in the history of the United States. Kennedy had a large majority of the electoral votes, but the popular vote was very close. It was felt by many people that the popular vote would not exceed one per cent in either

direction. Vice-President Nixon pledged his full support to the victor and asked all of his supporters to do the same. This election was probably one of the most important a critical entry of the same and the same set such a critical

elections of our time since it comes at such a critical period in as far as the world is concerned. We feel that there was little difference between either candidate, and the popular vote in the country bore this fact out. We feel that Senator Kennedy will make the United

States an excellent first man, and we hope that during his tenure the religious question will not be raised too many times. Kennedy's victory also marked the young-est man ever elected to the White House. The next four years will be very interesting, and Senator Kennedy appears to be ready to react to the task. _IR

The Technician

November 10, 1960

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HER ROOMMATE --- (LITTLE MAN GIANNAS) HERSELF

Noted Yale Psychologist Speaks On Schizophrenia

he time has come to extend envisions studying not only perthe study of mental illness be-yond hospital walls," said Dr. yond hospital walls," said Dr. August B. Hollingshead, noted Yale professor, in a talk last night (Wednesday, November 9) at North Carolina State Col-

Dr. Hollingshead, professor, author, and lecturer, spoke at a seminar sponsored by the De-partments of Sociology and An-thropology and Rural Sociology at N. C. State. The gathering was held in the main lounge of the Alumni Memorial Building on the college compus on the college campus.

His subject was "Some Issues in the Epidemiology of Schizo-phrenia."

The speaker said that if psy-chiatrists are to discover the cause of schizophrenia, they had better conduct their search outside the hospital and enlist the help of social scientists. enlist

Psychiatrists, he pointed out, disagree among themselves on the cause of schizophrenia, the most prevalent form of mental disease, and it is time for socio-logists to make "systematic studies of the life and ways of individuals and groups."

As a first step in determining the origin of schizophrenia, Professor Hollingshead urged Professor that psychiatrists establish cri-teria to differentiate a schizo phrenic from a non-schizophren-ic person. At present, "psychia-try does not have a standard test to diagnose any of the function-al mental diseases," he explained.

Dr. Hollingshead continued 'When well-defined and accurate tests are available, trained re-searchers can begin the systematic investigation of a sample of persons living 'in their natural habitat'-their homes and communities."

"We cannot continue to base studies on treated cases only since evidence is mounting that only a portion of individuals suf-fering from schizophrenia are treated by psychiatric hospitals, clinics, and practitioners. The others are cared for by their families, non-psychiatric physi-cians, ministers, druggists, friends and neighbors, or through their own efforts," the speaker said.

One of the chief aims of Pro-fessor Hollingshead's proposals questions

sons afflicted with schizophrenia but also those persons, in the same environment, who have no mental illness. He proposes further that psychiatric social workers and social scientists move into people's homes to "study their families and friendther ship groups, at work and at play."

By this method, the field in vestigators, Professor Hollings-head is convinced, will gain new knowledge "about motivations, aspirations, frustrations, con-flicts, joys, and sorrows."

The results of the Puerto Ric an study have been so encourag-ing that Professor Hollingshead now recommends the adoption of similar plan on a large scale a similar plan in this country.

Veteran's Corner By Wade Radford

By Wade Radford It has been four years since I have had cause to be as proud of an organization as I was of the Veteran's Association last Friday night. The last time was in Mannheim, Germany. An em-ployee of our signal depot had been hit, and killed, by an Army truck. My company, through in-dividual donations, raised enough money to pay all the debts of the surviving family, with eough left to carry them which cough left to carry them through their time of grief. The heart of a GI is as big as the world. Did someone die Friday night? No, but the Association formed a car pool to carry peo-ple to the polls this election day. This is a tremendous example of the ability and desire of the Veterans Association to meet its responsibilities on this campus and in this community.

Hey out there! All you wives! Want a chance to spend 90 minutes with that book-bound husband of yours? Then have him bring you to the next Veterans Association meeting on erans Association meeting on November 18, 1960 at 7:30, in the CU. Yes, it is LADIES NIGHT. Come on girls, let's see you there in force.

The program for LADIES NIGHT will be "Bring Forth Every Living Thing." Mr. Fred Gilliam of the Genetics Section will present a film of this tile. Mr. Gilliam will give a brief talk on the film and answer

Fraternity Flashes

By Ed Puckhaber

By Ed Puckhaber It has crossed my mind that it may be a good idea to start thinking seriously about second semester rush. The total number of fraternity men on campus has of fraternity men on campus has not shown such a tremendous increase as was hoped for in order to build up individual house membership. I guess this is mainly due to the fact that there is still a large cloud hidthere is still a large cloud hid-ing the construction and com-pletion dates for the twelve houses to be built across West-ern Boulevard. No house wants to increase membership to a point which would overcrowd present facilities. Therefore, there has been no all out at-terment to bring the membership tempt to bring the membership, even of the twelve fraternities who plan to move on the row. because they have no definite date in the future when they will have the facilities for a

larger membership. Keeping the fact in mind that most houses do not need or de-sire a large second semester rush, I hesitate to even suggest that the IFC look into the orthat the IFC look into the or-ganization of any type of second rush. One of the semester rush other than what going to have to we have been used to in past of changing th years. However, one year from into something this coming February, it will lar nature. We again be time for second semes-ing ideas now.

ter rush. At that time it may be essential to have a good rush in order for some houses to build up their membership. It seems that an organized rush during the early weeks of this coming February would be of advantage to all fraternities. Because it to all fraternities. Because it receives the organization and backing unaccustomed in the past does not mean that a large number of men have to be pledged as a result. It could serve a much better purpose. It could give the houses and the IFC some indication as to the kind of problems involved, and what to look forward to the fol-

what to look forward to the fol-lowing February. These statements in no way mean that I prefer "defered" rush or that I object to the open type of second semester rush. It just seems that improvements could be made in publicity to the prospective rushes. I am sure that there are other im-provements which would stir up more interest. In other words, there seems to be something there seems to be something rather ordinary about our pres-ent system for second semester rush. One of these days we are going to have to find a ways of changing this routine event into something of the spectacu-lar nature. We could start try-

pany was formed. The P. R.'s have also agreed to perform in the Salisbury Christmas parade on November 30th.

Plans were announced for the

selection of the national sponsor for PERSHING RIFLES. Com-

pany L-4 agreed to pick a spon-sor and enter her in the national

Pershing Rifles Hold First Monthly Meeting

Company L-4 of the National Christmas parade on November Society of PERSHING RIFLES 28th. Company L-4 has appear-held their regular monthly meet-ed in this annual event since ing on November 8, 1960. This 1953 which was when the comwas the first business meeting which the newly received pledges were allowed to attend. The M. S. I classroom in the Coliseum was filled as ninety brothers and pledges discuss plans for the coming year.

Final plans were announced for the party to be held Novem-ber 11 at the Tar Heel Club. A barbecue supper will be served at 7:30 with an informal party to follow. This party is a pre-lude to the Cadet Hop to be held barbecue supper will be served at 7:30 with an informal party The meeting was ended by to follow. This party is a pre-having each of the officers tell lude to the Cadet Hop to be held the pledges a little about his Saturday night. particular job. The officers were Events for the coming month introduced by Captain Jim were also announced. The P. R.'s Jones, who presided over the will appear in the Raleigh meeting.

Department Heads Named In Ag School

contest.

Dr. Francis J. Hassie. Henry W. Garren have been appartments in the School of Ag-riculture at North Carolina riculture State College.

The announcement of the ap-(Monday, November 7) by Dr. John T. Caldwell, chancellor of State College. Dr. Hassler will head the De-

partment of Agricultural Engineering succeeding Prof. George W. Giles, who resigned to accept an assignment with the Ford Foundation in India. Dr. Hassler will assume his new duties on January 1.

Named to direct the Department of Poultry Science was Dr. Garren, who replaces Dr. H. W. Glazener, now director of in-struction for the School of Agriculture. Dr. Garren takes over his new post immediately. Approval of the appointments

was given Monday morning by the Executive Committee of the Consolidated University of North Carolina Board of Trus-

tees. Beta Pi, In commenting on the ap- Pi Epsilo pointments, Dr. H. Brooks ty of A James, dean of the college's the Am School of Agriculture declared: the Adv "Drs. Hassler and Garren are Society both outstanding young scien- Epsilon, tists and will, in my judgment, Delta,

Dr. Francis J. Hassler and Dr. provide excellent leadership for lenry W. Garren have been ap- our Departments of Agricultural ointed new heads of two de- Engineering and Poultry Science. They will strengthen our teaching and research programs

in the years ahead." Dr. Hassler, a native of Mis-souri, is presently a professor in the college's agricultural en-gineering department where he is engaged in research activities and directs its graduate study and directs its graduate study work. He has been a member of the State College faculty since 1950

The new head of the Department of Agricultural Engineer-ing has received national ac-claim for his research work in claim for his research work in tobacco curing. He was head of the federal-state research team that developed bulk curing of tobacco, possibly the most im-portant technological advance in tobacco production in 100

Dr. Hassler received his B. S. Dr. Hassler received his B. S. degree from the University of Missouri and his M. S. and Ph D. from Michigan State Univer sity. He is a member of Ta Beta Pi, Sigma Pi Sigma, Sigm Pi Epsilon, the American Socie ty of Agricultural Engineer the American Association f the Advancement of Scient Society of Sigma Xi, Pi l and Gamma Sig

Student Reviews Conference On 'Climate Of Learning'

Now that I can view our con-ference on the Climate of Learnference on the Climate of Learn-ing in restrospect, a pattern begins to emerge from the many and diverse ideas which were expressed. In this essay I will attempt to express my interpre-tation of the ideas in the most coherent manner possible. I am indebted to Dr. Caldwell, Dr. King, and the student members of my small discussion group for many concepts which I have adopted wholly or in part.

I recognize three areas of con-I recognize three areas of con-cern under the general topic of Climate of Learning. These are: (1) What is a climate of learn-ing, (2) what are the desirable qualities of such a climate, and (3) what are the strengths and weaknesses of the climate of learning at State College and what can we do to make it more effective. I will discuss these three areas in order with the hope that my ideas—far from hope that my ideas—far from complete—will stimulate the reader to farther inquiry and thought.

Climate of learning is a nebulous concept. In his volume "The Purposes of High Educa-Huston Smith compares it tion" to "a mist in the sense that one cannot put one's finger on it, but no one should be able to stay in it long without becoming thoroughly soaked." I think it might well be described as a campus—localized version of campus—localized version of what the social scientists term a climate of opinion—a summa-tion from zero to infinity of all the small details and large con-cepts which effect the way a person thinks and acts.

An ideal climate of learning would be one which offered a very real opportunity for per-sonal fulfillment to both faculty and students. Such a climate would have to present an intel-

political activities beyond the scope of a purely academic com-munity in order to make us aware of our responsibilities and privileges in our society.

Because State is a land grant college, we tend to make the prior assumption that its acaprior assumption that its aca-demic climate will be deficient. This is simply not true. We should be forever conscious of the high democratic ideals on which such schools were founded. Colleges like State consti-tute the backbone of Progress in America, and we have every reason to take pride in our as-sociation with such an institu-tion. This area should be em-

phasized during freshmen orientation.

In certain areas of the State College community a definite sense of pride does exist. Here we find students and faculty we find students and faculty working together toward a defi-nite goal—not fancying them-selves in "opposite corners of an academic boxing ring." This is, of course, a desirable atti-tude. The difficulty is that these groups do not present a unified front insofar as the en-tire College is concerned This tire College is concerned. This to some extent due to a lack of communication among the various branches of the college.

Here is an area in which we can take immediate positive ac-tion. An inter-education pro-gram should be started to in-form the students of activities and achievements in all branches of the college. A first step might be increased emphasis on such information in our school publications. Some noteworthy increases in campus unity should result.

Another advantage which State College enjoys is its large en-rollment of foreign students. The scope of our education can be greatly broadened by conwould have to present an intel- be greatly broadened by con-lectual challenge to students on tacts with persons of other cul-all levels of achievement, and tures and faiths. At present we provide the faculty with oppor- do not take full advantage of tunities for creative work both this opportunity, and programs in and out of the classroom. It involving more personal con-would have to encourage parti-tacts with our foreign students cipation in cultural, social, and need to be established.

We are fortunate to have a wide variety of co-curricular activities available for our students. Student Government, publications, professional society, College Union, Y M C A, and school council groups are train-ing grounds for leadership and cipation in these activities increase.

In our honor system we have a tool of utmost importance for the development of a desirable academic climate. Maturity and self-respect can develop proper-ly only in a community founded on the principle of personal in-ter-dependence, and this is just the type of community which the honor system strives to make of State College. We need only see that all students and faculty are fully aware of their re-sponsibilities and privileges under the system. Effective use of the small group freshman orien- be seeking to le tation program will insure this. a 2.0 average.

Our admission standards have been debated pro and con for many years, but I do not believe that we can greatly raise our that we can greatly raise our standards in keeping with the tradition of a land grant institution. The solution seems to lie in graduating the class work for students on different levels of attainment. This would in-volve varied outside work for the advanced student-not simply more problems. Incidentally, this procedure would eliminate the necessity of creating separate sections for the honors group and thus give the average stuate dent more opportunities to en-joy the mental stimulation that results from contacts with keen intelligence

K-33 Turntable Kit

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Only two areas in which State's academic climate is "all black and no white" stand out in my mind. The first of these is the lack of a stimulating dis cussion-type course on the fresh-man level. Many of our entering students are first generation college, and they find themselves ing grounds for leadership and students are first generation maturity. Student participation college, and they find themselves in such groups is a direct meas-overawed by the collection of ure of the level of our academic MS's and Ph D's which sur-climate. As the climate im-rounds them on campus. A proves, so should student parti-sound freshman-oriented discussion course—perhaps something on the order of contemporary civilization-is needed to instill in them a sense of argumen-tiveness and a desire to seriously

question their old beliefs and attitudes. Second is the overpowering emphasis on grades. Under the present system the desire to make a grade—by any means— has replaced the desire to learn in many students. A 2.0 average In many students. A 2.0 average is a poor substitute for a col-lege education; and if we are to have a climate of learning worthy of the name we must be seeking to learn, not to attain

I do not believe that a solu-tion to this problem can be at tained by gradual changes within the framework of the present grading system. Such innova-tions tend to worsen rather than aid the situation when they are viewed within the context of the present system. The only alternative is outright revocation of any grades other than pass or fail.

Do you think that some of my ideas are completely off base my ideas are completely on base or that some of them have pos-sibilities? Whichever is the case, I hope that you will get out and do something to sup-port your views. If you don't, chances are that no one will.

THE TECHNICIAN November 10, 1960 **Vital Service Performed**

By Publicity Committee Like all committees in the College Union, the Publicity Com-mittee has a definite and im-portant place in the life of the Union. All of the committees are important, but it is upon the vitality of the Publicity Comvitality of the Publicity Com-mittee that all committees de-pend. Few of the programs sponsored by the various com, mittees could survive without proper publicity. Therefore, one of the main objectives and func-tions of the Publicity Commit-tee is to publicity. tions of the Publicity Commit-tee is to publicize, through various sources, the many pro-grams carried on by all the committees of the College Union. Probably the most important Publicity Committee objective, which ties in with all that the committee does, is the teaching of good writing habits to stuof good writing habits to stu-dents by giving them experience in writing news and feature articles. From this experience in writing, there may arise a future columnist or newspaper reporter.

One of the most important sources of publicity for the Colsources of publicity for the Col-lege Union programs is the campus newspaper, The Tech-nician. The Publicity Commit-tee puts into The Technician announcements of weekly series type programs and writes fea-ture articles on the larger, more important College Union pro-grams. The committee also grams. The committee also writes articles (after receiving information from the committees) which obtain coverage in the Raleigh city newspapers for College Union events. Occasionally over the years, publicity coverage of programs in the coverage of programs in the College Union has reached state and nationwide newspapers. For instance, the gallery show, "Good Design, '59" received na-tionwide acclaim.

Another source of publicity for the Publicity Committee is the publicizing of Union events through the use of the bulletin boards and showcases in the building. Each individual committee is responsible for its own display. This form of publicity is important because many peo-ple come into the College Union each day and can learn much about events in the building through visual aids.

In addition to the writing of In addition to the writing on news articles and getting out the various kinds of publicity, the Publicity Committee has several projects which it carries through each year.

One very important project. sponsored by the Publicity Committee is the College Union Calendar which is received by every student and faculty mem-ber on campus. The calendar is also sent to other colleges and to national publicity outlets such as the National Broadcasting Company, as well as the regional Research Triangle. The calendar lists all events going on in the College Union for an en-tire academic year. It also includes events sponsored by other organizations on campus, as well as programs presented at well as programs presented as other universities such as Duke and Carolina. As the calendar is compiled in the spring for the on-coming year, all other com-mittees must therefore plan their programs well in advance of their presentations. Here the Publicity Committee becomes a co-ordinating unit, for it must organize and co-ordinate the in-formation as it is received.

One of the most interesting and unusual projects of the Publicity Committee is the making of a College Union Scrapbook. There have been scrapbooks made for each year since the College Union has been in existence. In the scrapbook are kept all posters featuring programs held in the College Union building during a year; all write-ups appearing in *The Technician* concerning the College Union programs, and any College programs, and any College Union articles appearing in the Raleigh newspapers. Anyone looking through the scrapbook Raleigh has before him information on all programs held in the Union during any one year. For any-one who has never seen a College Union scrapbook, it is in-deed an interesting experience.

As can be readily seen, the Publicity Committee of the North Carolina State College Union is a busy group. But the work is interesting and reward-ing for those who like to write and to take an active part in the College Union.

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REK-O-KUT

This Weekend **CU To Present Play, Show**

TEA lege days. TEA AND SYMPATHY is the story of a sensitive, shy teen-ager in a boarding school who is falsely accused of a crime. The schoolmaster's wife is the only person who under-stands and appreciates the ter-rible agony that the young boy experience

Also, the sixth chapter of the exciting serial, "Flying Disc-men From Mars", will be shown.

Through a last minute ar-rangement, the College Union Theatre Committee has been able to get the Petite Drama-tique group from UNC to come to State College and put on the comedy, "The Solid Gold Cadi-lac". The play will be this Sunlac". The play will be this Sun-day night, November 13, at 8:00 P.M. in the College Union Ball-room. A little old lady, stock-holder in General Products Corp. -makers of everything from paperclips to bulldozers-creates havoc at the stockholders

STATELINE EARL MITCHELLE

Wolfpack Reaches For A Record

When the Wolfpack takes the field in Tempe, Arizona, Saturday night. Earle Edwards will be seeking his seventh win of the 1960 campaign. If the Pack wins the Arizona State clash it will tie the most number of victories that an Edwards-coached team has had at State. The last time the Pack won seven games was back in 1957 when they took the Atlantic Coast Conference title and were unable to go to the Orange Bowl because of the NCAA probation. That year the Pack won seven games, while losing to William and Mary on homecoming day.

This year the Pack are back in the same boat they were in three years ago. They are knocking on the door of the ACC championship room and they are experiencing one of their best seasons in school history. Added to this successful season, State also has a player that is on his way to becoming an All-American this year. Stacked on top of all of this is the appearance of State's name on some post season bowl game lists.

No one deserves a winning season anymore than does Coach Edwards. Last year Edwards suffered through a season that would have made any coach hang himself in effigy. Time after time last year, the Wolfpack was edged by only a few points. But this year is a different year in all phases of State football and Edwards is having great success in winning games.

There are a few interesting sidelights on the ASU-NCS game on tap for Saturday night. It will be meeting of pupil and coach. Frank Kush was a player under Edwards when Edwards was end coach at Michigan State in 1953 before coming to State, Kush, the Sun Devil coach, played on the Michigan State team from 1950 to 1953.

The nickname of the Arizona State University does not fit the ASU eleven at all. The Devils play nine of their ten games this year at night making them Moon Devils, or something like that anyway.

Practice Round

Practice for winter sports has been in full swing for nearly two weeks. Coach Everette Case and Assistant Coach Lee Terrill have been working the varsity basketball team into shape for the coming season, which gets underway in just three short weeks from today. The Pack dribblers have not been given any national rank in the pre-season basketball polls, but I think a lot of people are going to be surprised.

George Pickett, freshmen cage coach, has been working with the freshmen team for the past couple of weeks also. This year Pickett will have three scholarship boys to build his team around. The rest of the team is made up of non-scholarship players.

State swimming coach, Willis Casey, has been sending his charges through drills in preparation for their first meet of the season on December 3. This year's tank team is going to be a top contender for the ACC crown along with Maryland and Carolina.

Wrestling also got into full swing last week. Coach Al Crawford got drills started on Monday of last week in preparation for the team's first match in December.

We're Free

Sunday marks the end of the NCAA probation that the Wolfpack has been under for the last four years. For four long years Wolfpack athletic teams have not been able to appear in bowl games or NCAA tournaments.

This Sunday, November 13, marks the end of a four year period of suffering for championship teams at State. During the four years of probation, the Wolfpack missed going to the NCAA basketball tournament and the Orange Bowl in addition to many other major tournaments, matches, and meets.

In this issue of the TECHNICIAN, former sports editor Jay Brame discusses the probation period and the future for State College athletics after the NCAA ban is lifted Sunday.

TECHNICIAN Pack Meets New Foe In Arizona State; Seeks Best Season Since 1957

By Earl Mitchelle Sports Editor

Sports Editor Sun Devils took the loop title North Carolina State takes to with 'a perfect 5-0 mark. the road again this week in Sun Devil coach Frank Kush, football when they journey out a former pupil of State's head to Tempe, Arizona, to take on mentor, is head coach for the Arizona State University. The Arizona State team. Kush play-Arizona State team is, in mathe-ed at Michigan State when matical terms, an unknown as Earle Edwards was end coach far as the Wolfpack is concern-for the Big Ten school. Kush head campatible and the second the second team of team of

This meeting marks the first clashed on the gridiron. As a result, the only way that the Pack can prepare for the inter-sectional battle is through films and scouting reports. So far this season both teams have won six games while suffering two set-backs. Last week both teams hit in the win column with State form beating Wake Forest by a 14-12 tions.

they won ten games and suffered year and will probably cause the and John McFalls. Dornel Nel-only one defeat which came at Wolfpack a great deal of trou- son, a non-letterman, will also

for three seasons and has compile very impressive 23-6 d a mark.

mark. The kickoff for the inter-sectional clash is set for 8:00 p.m. MST which is 10:00 p.m. Raleigh time. Not only is this the first grid contest between the two schools, but it is the first athletic contest on any form between the two institu-tions

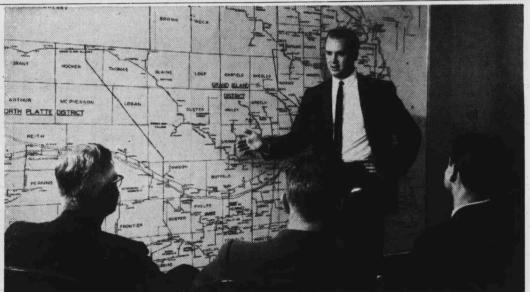
Tim Lee, Bob Rembert, and Phil Atkerson. The tackle positions will be completely dominated by lettermen. Heading the list are Jesse Bradford, Bill Faust, Mike Cupchak, George Flint, and Charles Krofick. Dick Locke, Mikke Barthlowmew, Fred Yuss, and Larry Reaves. Fred Rhoades and John Vucichevich will handle the centering job.

Joe Zuger and Ron Cosner are the number one and number two quarterbacks for the Sun ing Texas Western and 24-0 heavily on the running of half- Devils and they will be directing back Nolan Jones to lead the the multiple offense of the Sun Arizona State, a member of Sun Devils' potent multiple of- Devils Saturday night. In addithe Border Conference, had a fense. Jones was the second tion to Nolan at halfback, Kush very good mark in 1959 when leading scorer in the nation last has lettermen Ossie McCarty they won tengames and suffered year and will probably cause the and John McFalle. Devid

the hands of San Jose State. The Sun Devils took the loop title with a perfect 5-0 mark. Sun Devil coach Frank Kush, a former pupil of State's head mentor, is head coach for the Azizona State team. Kush play-ed at Michigan State when Earle Edwards was end coach for the Big Ten school. Kush has been on the ASU campus for three seasons and has com-the teast of the season and has com-the So far this season Moore has caught four passes for 31 yards and a touchdown. Moore has caught four of four aerials thrown to him. The Pack tackle is eligible for a pass in the tackle-eligible play installed by Edwards this year.

Tiny Reynolds, Graham Sin-gleton, and Bert Wilder are all top candidates for the other post. Nick Maravich, place kick-ing specialist, will also see a great deal of action at the tackle slot. Maravich kicked the two slot. Maravich kicked the two points that beat Wake Forest last weekend.

Joe Bushofsky and Alex Gille-(See Pack, page 5)



JACK SAVED HIS COMPANY \$10,000 **ON HIS FIRST ASSIGNMENT**

While Jack Trabert was in college he had some definite career ideas. He knew what he wanted-a job with a payoff for good judgment and hard work.

With a B.S. in Business Administration from the University of Nebraska, Jack knew he could look in many directions. And he did. He talked to 20 companies. And then in August, 1957, joined Northwestern Bell, in Omaha, Nebraska.

His chance to show what he could do was not long in coming. On his first assignment Jack came up with answers that made it possible to handle long distance calls made at night in the Omaha area with less force and equipment than was needed under the old system. This resulted in a \$10,000 annual saving.

Next, Jack worked on a training and devel-

opment program for "mark sensing"-a new method for mechanized processing of long distance charges.

Today, Jack has an important role in planning and developing telephone facilities to keep pace with Omaha's ever-increasing need for long distance services.

Jack puts it this way-"If a guy can keep his average up, there are places to go in this outfit. A man doesn't have to wait around for opportunity to knock-he has all he can handle right from the start."

If you want a job in which you're given a chance to show your stuff, and held strictly accountable for your decisions, right from the start-then you'll want to visit your Placement Office for literature and additional information.



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> FREDERICK R. KAPPEL, President American Telephone & Telegraph Co.



BELL TELEPHONE COMPANIES

Wolfpack Probation Ends Sunda State College. Moreland enrolled sored by the say that

Crystal Ball Corner

Brame

Navy Miss.

Auburn Ga. Tech LSU

LSU Pitt Iowa Wisconsin Minn. N'western

Texas UCLA Baylor Wash.

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State Maryland Duke Clemson

(Sports Brame, present Editor of The Technician and last year's sports editor and last discusses which sports editor, discusses the fine state of Kentucky over me NCAA probation which has facts that State College pre-hampered the athletic program sented to the NCAA board. at North Carolina State College Jackie Moreland, a name that for the past four years.) By JAY BRAME will be long remembered by the athletic friends of State College,

Four years ago... November 13, 1956 to be exact... we were in the William Neal Reynolds Coliseum when we received the news that North Carolina State College had been slapped by the NCAA for illegal recruiting practices in basketball. We had been off probation for only six months when the NCAA an-nounced our second violation.

What did the probation mean? It meant that none of our teams could compete in NCAA tournaments, bowl games, swimming meets, or any events that were sanctioned by the NCAA.

we feel that the NCAA took the word of one coach in the

was the key figure in the inci-dent. Moreland was sought after by many schools in the country

. including the University of Kentucky. The person that pre-sented this case to the NCAA board claimed that State College had offered Moreland's girl friend a scholarship to Duke

sanctioned by the NCAA. was on probation for the next Why were we slapped in the four years. The NCAA decided face with the most severe that Moreland could attend penalty that had ever been hand- school at State College (which ed out to any member of the was very considerate of them) NCAA? There have been many but he could not play basket-words and stories written about ball. With this announcement this probation, but to make a came Moreland's departure from

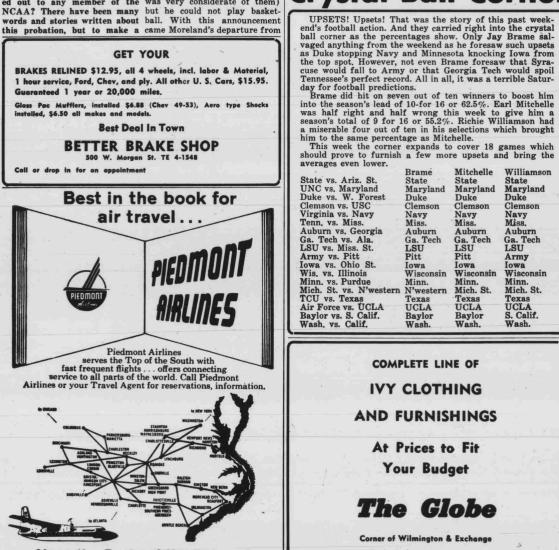
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Along the Route of the Pacemakers



at Louisiana Tech and became swimmers were of the All-the star of the basketball team. American caliber, but how could This year, he is playing ball they get any recognition when for the Detroit Pistons in the they could not be seen compet-National Basketball Associa-ing in national competition? tion.

It left us out in the cold as ulous halfback duo of All-far as recruiting was concern- American Dick Christy and ed. What young man with a Dick Hunter. There was at ed. What young man with a Dick Hunter. There were other great future in any sport would stars on this team, but these want to enroll at a school where were the main cogs in the he would be unable to get any championship machine. How national recognition? They had many can forget the great dem-nothing to look forward to if onstrations Christy performed the team captured a champion. In the 14.14 the well

ACC Champions

Recruiting Hampered Then came the 1957 Atlantic So much for Moreland. Where Coast Conference championship did this leave State College? football team featuring the fab-It left us out in the cold as ulous halfback duo of Allfriend a scholarship to Duke nothing to look lorward with the latter with Duke and University so that they would the team captured a champion-in the 14-14 tie with Duke and the 29-26 victory over South were both from Louisiana. So the probation was on. For Carolina in which he scored all Whether this was true or not, the next four years we were to 29 points. Hunter performed suffer and suffer we did. Many admirably all season, and he was The NCAA took the word of of our swimming stars, such as the star in the North Carolina this person and State College Dick Fadgen, could not compete game. This team should have

Mitchelle

State Maryland Duke Clemson

Navy Miss.

Pitt

Auburn Ga. Tech LSU

Pitt Iowa Wisconsin Minn. Mich. St. Texas UCLA Baylor

Baylor Wash.

Williamson

State Maryland Duke Clemson

Navy Miss.

Auburn Ga. Tech LSU

Army Iowa Wisconsin Minn. Mich. St.

Texas UCLA S. Calif. Wash.

but there the NCAA stood ... Last year, Coaches Earle blacking our way again. So the Edwards and Case had a poor runner-up ... Duke ... repre- year to say the least. Edwards' sented the ACC in the Orange football team had a 1-9 won-Bowl against Oklahoma ... and lost record. However, five of they were stomped. While the football team suf-

while the football team suf-fered over this loss ... a trip to Miami to represent the ACC ... so did other sports in State College athletic program. It was definitely hard to recruit boys to our school, and the records proved this.

However, it must be said that none of the coaches ever griped about the situation. They took the material they had and tried to build chempionship tempe to build championship teams ... and Coach Everett Case, the grand old master of basketball coaching did just that.

Number One Team Four young men by the names of Lou Pucillo, John Richter, George Stepanovich, and Bob MacGillivray plus an unknown person to the basketball fans

... Dan Englehardt ... led the 1959 basketball team to the Atlantic Coast Conference cham-pionship. At one time during the season they were rated the number one team in the nation. They went on to finish fifth in the nation for the season. This the nation for the season. This team was one that could be described by one word . . . de-termination. They never gave up. During the season they defeated the top teams in the nation . . . among them being Cincinnati, Michigan State, Kanthem.

So the Atlantic Coast Conference had sent the runner-up to a bowl game and the NCAA basketball tournament only to see both these schools repre the conference very POORLY. results.

Gabriel Leads Potent Offense

(Continued from page 4) skie are the top choices for the skie are the top choices for the Press International. Flanking starting guard positions, while him at the halfback posts will Harry Puckett and Skip Mat-robably be John Stanton and thews will be backing up this Al Taylor, one of the ACC's top number one team of guards. rushers. Either Roger Moore or Jack Shaffer, who missed the Sam Raneri will start at full-Wake Forest game last week back with Jim D'Antonio also due to an arm injury, is a doubt-ful participant in Saturday's game. At center will be either Bill Hill or defensive ace Jim Fitzgerald. At guarterback for the Pack

At quarterback for the Pack will be Roman Gabriel, who will be Roman Gabriel, who continues to pile up the honors this season. This week he was named the "Back of the Week" the ACC by the Associated Press and he was also named to the "Backfield of the Week"

Charge It — Nothing Down Terms to Fit Your Budget

WM. DANIEL'S

in national circles by the United Press International. Flanking

the Wolfpack will feature Tom Dellinger, Claude Gibson, and John Stanton or Randy Harrell.

This game will be a non-conference game for both teams. State and ASU will be seeking their seventh win of the season and should State win it would give Edwards one of his best seasons since coming to State. The other top notch season that the Pack had was back in 1957 when they won the ACC title and had a season mark of 7-1-2.

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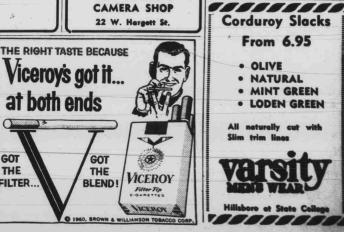
LODEN GREEN

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Earl these defeats came in the last quarter . . . and the "Ole Grey Fox" . . . Coach Case suffered Fox"... Coach Case suffered his first losing season in forty-one years of coaching ... a record in itself. The material was not present for a champion-ship team and the record bore this out . . . 11-15.

Strong Bid

Coach Vic Sorrell's baseball Coach Vic Sorren's but for a team put in a strong bid for a team put in a strong bid for a championship last spring and barely lost out. During the pro-bation period, there has been one player that we recall from Coach Sorrell's nine of being of All-American caliber . . . that being Bob Kennel, a catcher. Kennel made the All-Confer-ence team and was a standout at the nlate

at the plate.

So the probation period So the productor period has had its toll on all sports at State College. It has been a long four years, and many a State College fan has cussed the NCAA more than once when our teams had to remain at home.

However... this coming Sun-day is November 13, 1960. State College fans throughout the state and country will rejoice ... as will the coaches, administration, players, faculty, and students

The athletic program's future Cincinnati, Michigan State, Kan-sas, and UNC to name a few. looks bright. The freshman foot-But the same old bugaboo . . . ball team just finished the sea-probation . . . kept them from son undefeated . . . the first going to a tournament. Carolina yearling team to do so since represented the ACC, and the before World War II. Also, All-N a v a l Academy slaughtered American Roman Gabriel re-turns nort year. This year's American Roman Gabriel re-turns next year. This year's football team still has a chance for the ACC championship and a bowl bid. So the football fans at State College can look for ent the future years to bring good

THE TECHNICIAN November 10, 1960

The CU Scene

By Am Smith The students who were to go the overnight camping trip to Spruce Pines this past week and met at the College Union at m. There was a delay in de-parting because we were wait-ing for a student and his date. We found out, however, that instead of going on our outing. The it flifs am. for the camp site at 11:15 am. for the samp site at 11:15 am. for the camp site at 11:15 am. for the camp site at 11:15 am. for the samp site at 11:15 am. for the samp

We found the chaperones order to get wood for the fire. We as a marion. The late sleepers were routed in where they said they would be. The old rule was applied—no it was raining a little, but no work, no food. The wood pile whether or not it would be rain-ing where we were going. The the was so cold the provide the state of the solution of the so whether or not it would be rain-ing whete or not it would be rain-ing where we were going. The that when the water was poured chaperones were a little upset into the coffee pot, it went about our being late to meet tinkle-tinkle. When the eggs them; they had been waiting were broken and dumped into beside the road for about three the pan, not one of the yolks hours. We were almost to the camp hit the pan. The temperature

when the lead car had another was estimated to be about 18 flat. This time there was not degrees. another good tire in the party After eating breakfast, every-that would fit, so we borrowed thing was repacked and the one that didn't fit. We went up camp site was cleaned up. It was the mountain sitting at an angle noticed that the third rule post-

the tire was a little too big. ed at the site said that there

Saddle Club **Revamps** Slate **This Semester**

The N. C. State Saddle Club is re-vamping its program this semester and is setting up a program which will be of inprogram which will be of in-terest to beginners and experi-enced horsemen alike. A special meeting has been planned for Tuesday, November 15, 1960, at meeting has been planned for Tuesday, November 15, 1960, at 7:00 pm in the College Union Theater. A short film about steeplechasers, The Jumping Horse, will be shown, followed by a speech on "The Principles of Good Horsemanship". During the meeting, a riding schedule will be presented for the ap-proval of the members. This schedule will include lessons for beginners, ring rides, trail rides, and moonlight rides. If you are planning to participate in any of the scheduled rides, you will especially want to attend this meeting. The N. C. State Saddle Club is in the planning stage at this time, so if you have any ideas about items which should be included in the program, please plan to attend this meet-ing. ing.

Education Majors Form Chapter Here

A group of Education Majors et on November 7 and unanimously voted to petition for a charter for the establishment of State College Chapter of Student National Education Association

Nominations were opened for the various club officers and will remain open until the next meet-ing. The following people were nominated for the positions in-dicated: President — Frances Goodwin, Charles Jones, Curtis Phillips; Vice-President—James Phillips; Vice-President—James Dixon, Leroy Murphy, Chester Hunnicut; Secretary—Frankie Gurganus, Sam Parker, Paul Wells; and Treasurer—Henry Lophing Lophing Spacebox and Treasurer—Henry John Speight, Joe Jenkins, Trodgen. The c

Trodgen. The officers and a faculty sponsor will be elected at the next meeting. It is hoped that all Education Majors who de-sire to join in the organization of the chapter will be present at the next meeting which is scheduled for 7:30 P.M., Nov-ember 15 in the auditorium of ember 15, in the auditorium of Williams Hall.



If the powerful hiss of steam search at the University, but first sulphur mine of this con-greets your ears as you pass was called on by the Puerto tinent outside the United States. Riddick Engineering Labora- Rico Water Resources Authority tories Building at North Caro- to discuss problems concerning of 1,100 people in this major lina State College, you may be the design and construction of undertaking, but continued his sure you're in the vicinity of steam electric power stations on Dr. James Woodburn's ultrason- the island. Dr. Barentin Dr. Barentin Dr. Woodburn's Ultrason the Variant Dr. Woodburn's Ultrasonresearch domain. ic

chanical engineering professor and a keen researcher, is a pioneer in an area of research which may have great impact on the new technologies of today.

"The velocity of sound measurements in gases or steam in the region of high pressures and temperatures remains virtually unexplored," explained Dr. Woodburn

He said that results of this research at State College may be of vast importance both for theoretical reasons and for in-dustrial application in regard to steam and gas turbine design.

Dr. Woodburn designed, built, and installed all the major comnents of the apparatus utilized in the basic research project sponsored by the Office of Naval Research through the college's Engineering Research Department.

The equipment includes small high pressure boiler, used to generate the high pressure steam, and an acoustic inter-ferometer, used in the measurements of sound.

Internationally-known for his work on the properties of steam, he conducted the first acoustic measurements in this country or abroad on steam by ultra

Just recently he returned from the University of Puerto Rico where he delivered a series of lectures on ultrasonics. Not only was he asked to activate a program of engineering re-

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Recently Dr. Woodburn re-Currently in the midst of ex- ceived an invitation to partici-citing investigations of sound pate in an international confer-in steam, Dr. Woodburn, me- ence in Germany next summer. pate in an international conter-ence in Germany next summer. Three years ago Dr. Wood-burn joined the State College School of Engineering's staff as a member of its mechanical ena memory of its mechanical en-gineering graduate faculty. Among his many duties in both education and research is the direction of research activities of graduate students.

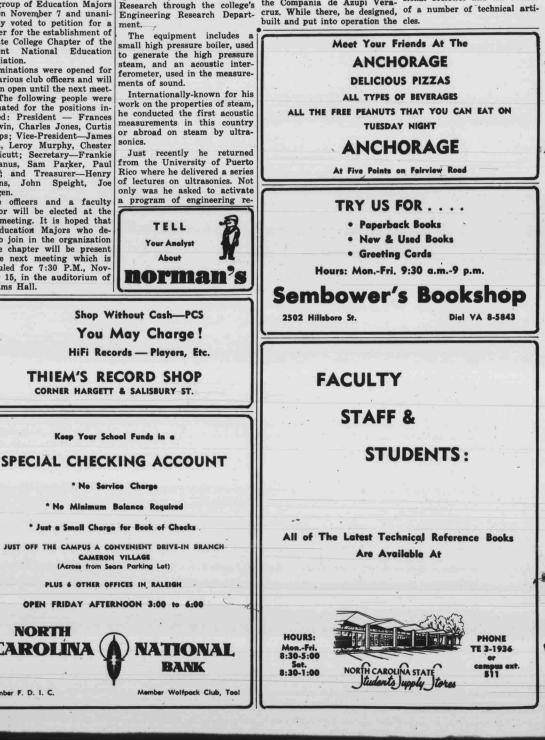
tor and researcher was for seven years chairman of the Mechanical Engineering Department at D. C. Rice Institute in Houston, Texas. An

During this period he also con-ducted research for government projects and was consultant for try and in Mexico.

of 1,100 people in this major undertaking, but continued his interest in education by partici-pating in a series of lectures at the National University of Mex-Recently Dr. Woodburn re- the National University of Mex-ceived an invitation to partici- ico. With the arrival of the new pate in an international confer-mining industry in that coun-ence in Germany next summer. try, the Mexican Government Three years ago Dr. Wood- called upon Dr. Woodburn for burn joined the State College consultation on the nature of the Frasch sulphur mining process and its control and regulation. Because of his broad experi-

ence in his field, Dr. Woodburn, who speaks Spanish fluently, was appointed mechanical and mining consultant last year with The widely-experienced educa- the International Cooperation Administration in Washington,

An Englishman by birth, Dr. Woodburn received his bachelor's degree in mechanical enmining companies in this coun- gineering from Purdue University and his doctorate in engi-Prior to his coming to North neering from Johns Hopkins Carolina State College, Dr. University. He is a member of Woodburn was in Mexico City several honorary and profes-as assistant vice president of the Compania de Azupi Vera-eruz While there he desimed of a number of technical arti-





A Section of the upper Linville Falls (Elevation 3.000 feet)

We got to the camp about was to be no camping in the 8 p.m. It was pitch dark and a pienic area. We were wondering few drops of rain were falling, why a red jeep had come by the We piled out of the cars and night before just as soon as we few drops We piled

We piled out of the cars and night before just as soon as we found that it was as cold as it had gotten the fire going good. was dark. By using flashlights, It was decided by the group we unloaded the cars and tried that we should visit Linville to set up camp. We had a Falls and the Linville Caverns. lantern with us; but no matter We loaded up and proceeded to how much we tried, we couldn't the falls. After running up and get it to work. After fighting a down the mountain side for battle with the wind and rain, quite a while, we worked up an we built a fire. Trying to set up a tent without light is hopeless after noon, we went to the -we found out the hard way. We tried to get the fire large enough to warm our dinner, but the wind was not cooperating. a 45 minute tour in the damp



Education Seniors Start Teaching industrial arts; James Carroll Edmundson of dustrial arts

State College's School of Edu-cation this fall has 88 seniors sign ed as student teachers in hools located in 19 North Carolina counties.

The announcement was made today by J. Bryant Kirkland, dean of the college's School of Education. The student teachers are en-

rolled in the agricultural, math-ematics, industrial arts and science education curricula at State College.

The off-campus student teach-



program will last for 10 Waynesville, A list of the student teachers.

A list of the student teachers, their home towns, the curricu-lum in which they are majoring, and high schools in which they are doing their teaching follows:

Mrs. Ann Louise Bellis of Black Mountain, mathematics; James Henry Brakebill, III, of Fort Monroe, Va., mathematics; Joe Eric Davis of Charlotte, mathematics; Bobby Odell Heath of Wade, mathematics; Percy William Wright of Brevard, mathematics; and Edward L. Madre of Hertford, industrial arts-Needham Broughton High

School, Raleigh. James Richard Frazier of James Floyd Watkins of Ral-Charlotte, mathematics; Joyce eigh, agricultural education; Hatch of Mt. Olive, mathe- and Carl Morris McLaurin of matics; Robert Bruce Teasley of Rockingham, agricultural edu-Knoxville, Tenn., science; cation — Wakelon High School, Arthur G. Phifer of Shelby, in- Zebulon. dustrial arts; and David R. Larry Escar Brady of States-Wilder of Chadbourn, industrial ville, mathematics; Ray Caudle

arts — Hugh Morson Junior High School, Raleigh. Mrs. Sara Catherine Chick of Raleigh, mathematics; Deryl Burdon Holliday of Southern Pines mathematics: William Pines, mathematics; William Louis McElory of Lake Junalus-William ka. mathematics: Julian Cooper Wingfield, Jr., of Eustis, Fla., science; Lowell T. Hudson of

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and William R. Middleton, Jr., Pikesville, agricultural educa-of Raleigh, industrial arts — tion; and Rex Tillman Hatch of Daniels Junior High Josephus School, Raleigh.

Harold Lloyd Mask of Marion atics; Mrs. Muriel Weathers of Raleigh, mathematics: Moore Moore Weathers of Raleigh, science; James Franklin Wilder of Spring Hope, agricultural education; and Winston Earle Frazier of Rolesville, agricultural education - Cary High School.

Gurney Ellerbe Bracey, Jr., of Pembroke, mathematics — Garner High School.

Larry Escar Brady of States-ville, mathematics; Ray Caudle Shaw of Rockingham, mathe-Shaw of Rockingham, mathe-matics; Charles Wade Edwards of Ramseur, agricultural edu-cation; and Aubrey Leonard Gay of Zebulon, agricultural education — Fuquay Springs High School.

Mrs. Frankie Brown Gur-ganus of Williamston, mathe-matics; Billy Franklin Payne of Walnut Cove, mathematics; and Murray F. Massey of

Coy Edwin McClintock of Pleasant Garden, mathematics;

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Thomas Watkins Carrington, Chocowinity. r., of Oxford, mathematics; Joseph Lester Early of Oak Jr., of Oxford, mathematics; and William Morrison Crockford of Charlotte, mathematics —Seima High School. William Herbert Clemmer of

High Point, mathematics; and well. Clarence 'Fowler Shipp, Jr., of Charles Clinton, mathematics — Smith- Jamesville,

Hig

mathematics - Henderson High School.

matics; Charles Wade Edwards of Ramseur, agricultural edu-cation; and Aubrey Leonard Gay of Zebulon, agricultural education — Fuquay Springs Mrs. Frankie Brown Gur-ganus of Williamston, mathe-matics; Billy Franklin Payen of Murray F. Massey of Greensboro, industrial arts; and Donald C. Leroy Martin Junior High School. Mrs. Eranklin Reiter State of Walnut Cove, mathematics; John C. Dalton of Asheboro, Murray F. Massey of School, Raleigh. Mrs. Charles Mathematics; Mathematics Mrs. Frankin Payen of Murray F. Massey of School, Raleigh. Mrs. Charles Mathematics; Mathematics; Mathematics Mrs. Frankin Payen of Marshville, agricul-trial arts. Coy Edwin McClintock of Pleasant Garden, agricul-trial arts. Mrs. Frankin Payen of Maynard F. Adams of Ral-School, Raleigh. Mrs. Mathematics; Mathematics; Mathematics; Mathematics Maynard F. Adams of Ral-School, Raleigh. Mrs. Frankin McClintock of School, Raleigh. Mrs. Mathematics; Mathemat man R. Fisher of Conover, in- Pembroke. dustrial arts — School, Durham. - Southern High

Donald G. Bassett of Greensboro, industrial arts Kiser Junior High School, Greensboro. educati Arthur K. Beck of Salisbury, School.

ANNOUNCING THE OPENING OF THE

- Asheboro High

James Pikesville, agricultural tion; and Rex Tillman Hatch of Mt. Olive, agricultural educa-tion—Wendell High School. Julian Brooks Snipes, Jr., of Pittsboro, mathematics — Ernest Harding Cutler of Knightdale High School. Frederick Rom Ange of Wil-cation; and Nicholas Larus Paul tion—Chocowinity High School, Construction—Chocowinity High School, Chocowinity High School, Chocowi

Joseph Lester Early of Oak City, agricultural education and Curtis Tapp Shivar of Seven Springs, agricultural education —Creswell High School, Cres-

Charles Edwin Russell of Jamesville, agricultural edu-cation; and Roger Lee Mozingo Clinton, mathematics — Smith- Jamesville, agricultural edu-field High School. Marshall Yates Duncan of of Snow Hill, agricultural edu-Clayton, mathematics — Cleve- cation—Jamesville High School. land High School. Ronald Holland English of Marshall Yates Duncan of of Snow Hill, agricultural edu-clayton, mathematics — Cleve- cation—Jamesville High School. and High School. william Isaac Fort of Hender-on, mathematics—Wake Forest and Billy Joe Boles of King, agricultural education — South John Paul Jones of Hender-Edgecombe High School, Pine-

John Kelly Baldwin of

Edwin Poe Elkins, Jr., of Clarkton, agricultural educa-tion; and Walter Allan Ed-wards of Marshville, agricul-tural education — Fair Bluff High School. Proctor Lock

Kenneth Ray Futreal of Rocky Point, agricultural edu-cation and William Garland Parham of Oxford, agricultural education - Tabor City High

industrial arts; and Jimmie R. Harold Luther Atkins of Wilson of Hendersonville, in- Kernersville, agricultural eduof

cation; and Ronald Dean Moss of Glenville, agricultural edu-cation-Angier High School.

Harold Alton Stegall of Warrenton, agricultural education; and Thomas Bert Bailey of Greensboro, agricultural educa-tion--Coats High School.

Thomas Jackson Emerson of Siler City, agricultural educa-tion; and John H. Wells, Jr., of Morganton, agriculture edu-cation — Pittsboro High School.

John Ray Davis of Vass, agri-cultural education; and Richard Terry Liles of Zebulon, agricul-tural education — Dunn High tural education — Dunn School, Dunn.

Robert Lynn Nethercutt of Robert Lynn Nethercutt of Snow Hill, agricultural educa-tion, and George Donald O'Quinn of Mamers, agricultural edu-cation—Lillington High School. David Scott Coble of Garland, agricultural education; Ronald Wilson Shearon of Rolesville, agricultural education; and Worth Wingate Collier of Wade, agricultural education—Midway agricultural education-Midway

High School, Dunn. Wayland Thomas Davis of Albertson, agricultural educa-tion; and Robert Shelton Grady of Albertson, agricultural edu-cation—Pikesville High School. William Raymond Peele of Clayton, agricultural education; and Benjamin Graham Potter of New Bern, agricultural education-Princeton High School. The supervising teachers are

as follows: Needham Broughton High School — Edward Blakeway, William Sheeley, Larry Royster, Miss Lessie Cogdell, Richard E. Cutler, and Frank A. Crawford Hugh Morson Junior High chool — Mrs. Lucy Guthrie, rs. Esther Shepherd, Mrs. School Mrs. Esther Shepherd, Mrs. Irma Holland, Ralph L. Rigdon, and Paul Waldrop. Josephus Daniels Junior High

- Mrs. Crystal Potter, Mary B. Cannon, Bobby School Miss Mary B. Cannon, Bobby Wilder, Mrs. Lydia Lowie, and Darrell Spencer. Cary High School —

- Robert Raybon, Mrs. Linda Conners, and R. S. Dunham. Garner High School-C. A.

Cockrane. Wakelon High School-Mrs. Ann Strickland and C. V. Tart.

Fuquay Springs High School (See SENIORS, page 8)

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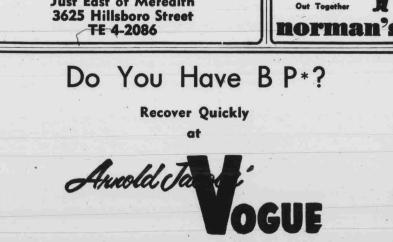
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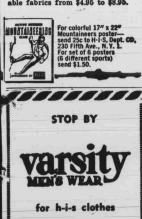
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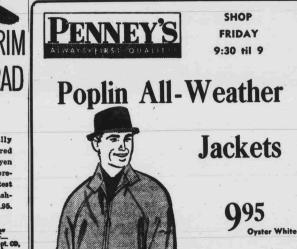


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rts-Needham Broughton High chool, Raleigh. Stanley Spencer Givetz of Winston - Salem, mathematics; James Richard Frazier of James Floyd Watkins of Ral-

THE TECHNICIAN November 10, 1960

HISTORY PROF. WRITES BOOK

T. William J. Block, asso- and the Extension Service. Poli-tesis which was expanded by research and re-writing in to of History and Political The recently published book is 1958-59. Dr. Block explained mee at North Carolina State generally concerned with an ef-that he was aided in obtaining the was published in Septem- a public educational agency, Ag-that he additional material through the was published in Septem a public educational agency, Ag. the additional material through by the University of Illinois ricultural Extension Service, a grant from the Faculty Rethe University of Illinois ricultural Extension Service, a grant from an organized clientele Block's book is titled "The group, the County Farm Bureau search and ation of the Farm Bureau According to the author, the ment Fund.

SENIORS START TEACHING Clinton High School - Seth

Continued from page 7) —Miss Anna Privott, Mrs. Doris Ellington, F. L. Hunt, and W. Manley. Leroy Martin Junior High lebool.—Mrs. Marion Hall, Mrs. Mrs. Gaskill.

chool—Mrs. Marion Hall, Mrs. dna Forrest, and Wilben Bass. Wendell High School — Lin-ood Murphy and C. T. Horton. Knightdale High School — ance Tibbens.

Wilson High School — Miss Clyde Hunter. Selma High

Selma High School — Mrs. Flora Jones and Dillon Holt. Smithfield High School — Mrs. Andrea Boyette and J. L.

Creech. J Cleveland High School — Ed-gar T. Boyette. M Wake Forest High School — Mrs. Sue M. Auchumty. B Henderson High School—Miss Elizabeth Ellen Lavender and — Robert B. Harrison. fu

(Continued from page 1) from Peter Gunn"; Terry Sny-der and the All Stars, "Persua-sive Percussion."

ATTENTION STUDENT WIVES

WIVES The Forum Committee of the N. C. State College Union has, planned a program just for you! This is the second in our series and will consist of a tape on "Brainwashing." This tape was used by the BSU on campus and proved to be very interest-ing.

ing. The program will be on Tues-day (November 15) at 8:15 p.m. in the CU Theatre. Please feel free to bring your children have been arrangements have been

ID cards—students who had ID photos taken at registration or later and have not picked up or later and have not picked up their ID cards may do so at the information desk, Admissions and Registration Office, Holla-day Hall.

The military Ball Association ints the annual cadet hop,

Gaskill. Clayton High School—Melvin Woodard and Winfred A. Sor-rell. Millbrook High School—W. C. Stephenson. Southern High School — Grav

Millbrook High School Stephenson. Southern High School — Gray. Arthur N. McKneely. Kiser Junior High School — Phillips and V. E. Hamilton. William S. Scarborough. Asheboro High School—B. E. Johnston. Dunn High School — J. E.

Scott. Alexander Graham Junior High School—Milton Bass and John K. Lancaster. Chocowinity High School — J. L. Patrick. Creswell High School—J. D.

Midway High School — O. O. Manning and C. G. Dawson. Pikeville High School—H. G. Princeton High School—C. I. Jones and W. R. Huff.

Melton. Jamesville High School — V. B. Hairr.

South Edgecombe High School -J. T. Abrams and W. E. Fulford.

Campus Crier

19 November, in the College Union Ballroom from 8-12 p.m. Music will be furnished by the Dave Bloom Orchestra.

There will be a meeting of the Student National Education Association Tuesday, November 15, at 7:30 p.m. in the audi-torium of William's Hall. All members and those interested in the NEA are encouraged to attend.

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ATANNIS POILT, Mass., UPI —A veteran secret service agent stood ankle deep in a Cape Cod sand dune Tuesday and looking down at the sparkling sea he said softly, "Boy, there's a lot of 'em."

book was originally his doctoral

search and Professor Develop-

Bladenboro High School — A. R. Davis and W. L. Bryant. Fair Bluff High School —

owning. Lillington High School — J.

Du Pont

H. Blackmon

What produced this remark was an amazing vista of activity:

-The next president of the United States, John F. Kennedy, was playing football catch with Carroll Rosenbloom, owner of the pro football Baltimore Colts. -Charlie, a brown Welsh terrier, was dashing across the lawn with another football in

his mouth.

-Jacqueline Kennedy, the next first lady of the United States, was trudging down the beach, getting in daily exercise



HYANNIS PORT, Mass., UPI preparatory to the birth of her second child next month. —A host of Kennedy brothers, sisters, in-laws and cousins scuttled across lawns, in and out front and back doors, as mem-

> Robert Kennedy's sunporch, anthan 20 teleswering more phones. Joseph P. Kennedy, father of the new president, sped out sponsibility. of the house for his morning Much of the morning and the canter along a beach-side bridle path

This was victory day at "the by K Compound," the local name for nent.

by three graceful white cottages belonging to the elder Kennedy and his sons, Jack and Bobby.

The compound rang with the happy laughter of a big family bers of the Kennedy campaign thoroughly enjoying a festive oc staff hopped around brother casion; the joy of emotional re casion; the joy of emotional re-lease after months of tensions; a pleasant interlude of jocular freedom before the dark hours of terrifying presidential re-

early afternoon was devoted to waiting for a formal concession by Kennedy's Republican oppo-



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CHEMISTS

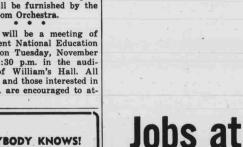
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