

RUNWAY CLEARED FOR "OPERATION SPIRIT"

the Technician

Vol. XXXIII, No. 9 State College Station, Raleigh, N. C., Dec. 5, 1952 137-139 1911 Building

Campus Stores Committee To Review Complaints

The Campus Stores Committee, authorized by the Board of Trustees in May, 1952, met on Tuesday in Chancellor Harrelson's office for the first time. All six members of the committee were present—three faculty members, C. M. Asbill, Jr., H. B. Briggs, and Howard M. Nahikian in addition to three student members, Bob Horn, Jas. C. Bryan and Max Brittain.

The committee met in compliance with Paragraph 8 of the Merchandizing Policies and Practices regulations which stipulates that:

At each of the three institutions of the Consolidated University there shall be a Campus Stores Committee to be advisory to the Assistant Controller-Business Manager. This committee shall consist of three students appointed each year by the President of the Student Body and three Faculty Members appointed each year by the Chancellor. The Campus Stores Committee shall meet at least once each month with the Assistant Controller-Business Manager and

the Campus Stores Manager, in order that the stores management and the administration may have the benefit of all student and faculty complaints, criticisms and suggestions.

Chancellor Harrelson called the meeting and presided over the first portion until Professor Nahikian was elected chairman of the committee. Later Max Brittain was elected secretary. J. G. Vann, assistant controller was unable to attend the meeting because of out-of-town commitments.

The committeemen generally agreed that they could not begin to function effectively until their existence was fully publicized. Then the members hope to act as a screening and reviewing board which will hear complaints about the Student Supply Store and its operation. Suggestions for improvements will also be welcomed when the board meets on the first Tuesday of every month at 1:00 p.m. in Chancellor Harrelson's office.

ENROLLMENT BROKEN DOWN

A total of 45 states in the United States, 40 foreign countries, three United States possessions, and all 100 counties in North Carolina are represented in the student body of North Carolina State College.

A breakdown of the institution's enrollment, as compiled by the college's Office of Registration, shows that there are 3,016 students from North Carolina, 738 from other states, 172 foreign students, and seven from United States possessions.

The total enrollment this term stands at 3,933 students.

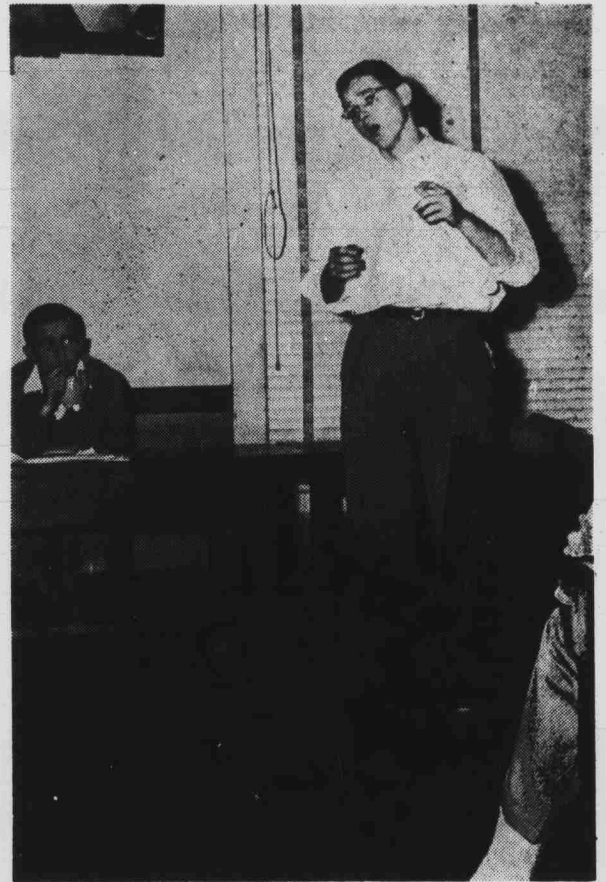
Wake County, with 339 students, leads the other North Carolina counties. Other Tar Heel counties having more than 100 students at State College include Mecklenburg, with 148; Guilford, with 129; and Forsyth, with 115.

New York, with 176 student representatives, leads the other states in the number of students at State College. Virginia is second with 114, and Pennsylvania is third with 65.

Leading the foreign countries in

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C.G. Promotions Committee Endorses Pep Movement



Tommy Ward is shown driving home a point in the discussion which he moderated at the "Operation Spirit" meeting. Floyd Sweat was captured in a similar pose later in the evening.

Variety Show Wows 'Em

GOLD DORM

Not since Hedy Lamarr scampered through a cornfield in "Ecstasy" has an audience been as responsive as that which attended the annual College Union Variety Show held on Friday night, November 21, in Pullen Hall.



Gold Dormitory's entry, "Latin America Fantasy" really wowed the audience, and won for the participants the first prize for the dormitory competition. Here's how they did it.

(Photo by Aubrey Pope)

A sizable audience cheered, applauded and sang as fraternal and dormitory groups presented eight different skits and acts. The playbill read as follows:

1. Bagwell Dormitory — "Bagwell Balladeers"
2. Sigma Chi—Three Blackouts
3. Welch Dormitory—Jake Joyner—Harmonica
4. Owen Dormitory—"What Evil Lurks in the Minds of N. C. State Men?"

INTERMISSION

5. Sigma Nu — Jimmie Wrape — Impersonations of Johnny Ray and Frankie Laine
6. Sigma Phi Epsilon—"The Saga of the Spiked Spitoon"
7. Gold Dormitory—"Latin America Fantasy"

One act, representing Turlington Dormitory, was added to the first portion of the program. The late entry consisted of a piano player and his stooge bringing out the talents of the "key" man who tickled the ivories in the classical vein.

First prize for the fraternity entries went to the SPE's, second place to Sigma Nu. Trophies were awarded also to Gold Dormitory for its winning entry, and to Owen for the next best. Judges were Linsay Whichard, Prof. Harte and Dean Shirley.

The show was so well received that the idea of holding it quarterly has already been advanced and has met with favorable comment. Union movie committeeman, Jim Milam has been considering the

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By BOB HORN

Shortly before the Thanksgiving holiday an assembly of student leaders representing all phases of campus life and activities started the ball rolling on an undertaking which is so ambitious and far-reaching that it will eventually engulf the entire campus, perhaps the entire state. "Operation Spirit" was conceived in the mind of Tommy Ward, vice-president of Campus Government, as he became aware of a situation which few people realized could exist at State College—namely the lack of enthusiasm and spirit which has been demonstrated at the State College basketball games.

The members of the basketball team in particular are concerned, because their attitudes and brand of ball are very often reflected in the attitudes of the people who come to watch the play in the Coliseum. "Operation Spirit" is aimed at correcting this situation, but the movement will not stop with basketball.

Under the auspices of the Campus Government Promotions Committee, "Operation" will first attempt to effect a cure at basketball games and will then branch out into the football and baseball fields. It's a gigantic undertaking. The help of every student, faculty member and alumnus will be coveted in order to make certain that the project will be an unqualified success.

Plans to organize cheers, half-time entertainment and a card section, are already underway. Every bag of tricks will be emptied into the laps of the steering committee which has been set up. Everyone on campus is urged to promote this project. Ideas, notions, long-time ambitions will be solicited by members of the committee from this day forward. It's a project designed to include everybody.

The Campus Government mail box is ready to receive all suggestions which will help to put this project over the top. Send yours today.

"Y" Close To Hearts

By RUDOLPH PATE

The State College YMCA, which has been "a home away from home" for students through the years, is close to the hearts of thousands of the college's alumni.

As the veteran "Y" General Secretary Edward S. King once said, the College YMCA has become "the students' servant, friend, and moral guide."

"Letters received from alumni scattered far and wide over the

world," Secretary King observed, "indicate that a chain of influence has been started that will last as long as time endures."

Established in 1889, the "Y" has been a powerful force in the life of the college for more than half a century and has brought scores of activities to the campus. Among events which the "Y" introduced to State College was basketball, which has since become a major sport. The

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Co-Education Or Not



Meet Miss Em, Coed Emily Brown, a senior in Civil Engineering. Here she is out on a field trip shown, not pledging allegiance to the flag, but signaling to one of her surveying party.

By JIM ALLEN

During the past fifteen years, there has been a definite trend toward co-education in the colleges of the United States. This trend has not been affected by the deficiencies in the education offered a man at an entirely male college, but more to offset the insufficiencies that have begun to manifest themselves on campuses devoted entirely to the education of women. It has become increasingly evident that something is lacking in the education given a woman at an entirely female institution and the trend toward co-education is a result of this factor. Though unimportant at first, the nation as a whole has watched this movement toward co-education bludgeon its way to the forefront of American education.

The trend toward co-education has definitely been due to the greatly increasing value that the adult population of the United States places on marriage. Statistics show that a greater part of the adult populace of the United States is getting married now than ever be-

fore. This increase, occurring over the last generation, has greatly enhanced the prestige of co-education. In addition to an ever increasing value placed on marriage by the adult population of the United States, there is a general feeling among the inhabitants of this country that the American husband has far more respect for his wife's mind now than ever before. This attitude, which has changed greatly in the last half-century, has placed more emphasis on co-educational schools where the man and woman face the everyday problems of life together.

Campuses on which the young man and woman work and play together from day to day, without the artificial aspects of dating and party clothes seem to be the places for the formation of acquaintances which would be profitable for both parties concerned. These campuses with both men and women present promote the development of common interests which augment the formation of friendships that lead to a happy and lasting marriage.

Separate colleges for men and

women cut down the chances for contact between them to social events and to chance dates, and this reduction tends to lessen the chance for a happy marriage. This axiom, proved by a recent survey which shows that men's colleges produce 10 per cent more bachelors than do co-educational schools, is an important factor in college life. It goes to show that the chances of becoming acquainted with a suitable companion if he or she dwells on a separate campus is less than it would be if the two were merged together on one campus.

The above axiom would hold true here on the North Carolina State College campus where there are sixty-one coeds surrounded by a male student body of almost four thousand. Think of the great change that would occur in surroundings and companionship here on this, our own campus, if there were six hundred or more coeds instead of only sixty-one. The sixty-one women who are now attending State are spread throughout the different schools and curriculums of the college. The great experience that

could be gained by a man and woman working together toward a common goal is alone a strong point in favor of co-education at any all male school. The thought of classes divided evenly between the male and female sex lends great pleasure to the mind of many an undergraduate at an all male school. As the theme of marriage is the harmonious cooperation and companionship between man and woman, what greater experience could be gained than that of working together toward a common goal in an effort to obtain a higher education.

At the present time there are not any women's dormitories on the State College campus. This is also the case at many other all male schools where there is a small percentage of females and undergraduates. With this lack of facilities, women students tend to shy away from our college. If some facilities could be provided for those women who have chosen to finish their education at State College or at any other college which has a predominantly male student body, many additional coeds would be attracted to the campus. For example, the problem faced by female undergraduates attending N. C. State College is the fact that they are forced to live off campus and have to bring books and equipment to classes in the morning without a place to put them for the remainder of the day. If proper facilities were provided, it would make college life easier for these coeds and their attitude on the whole toward the school would change for the better. It stands to reason, therefore, that co-education at State College,

or at any predominantly male college, would produce many changes for the better. It would give the men and women who attend school here the opportunity of facing the problems of life together during their college careers. This fact alone would provide a definite strong point in favor of both male and female undergraduates on the same campus. The experience gained before marriage by the couple involved aids in the formation of a happy and lasting marriage. Another very favorable aspect of co-education is the fact that there would be a decrease in the number of bachelors being produced by the wholly men's schools. That 10 per cent difference in the number of bachelors produced by a man's college and a coeducation one would be completely eradicated.

So remember, if someone comes around speaking of co-education, do not rebuff him as a crazy man, but listen attentively to him—after all, he may know what he is talking about.

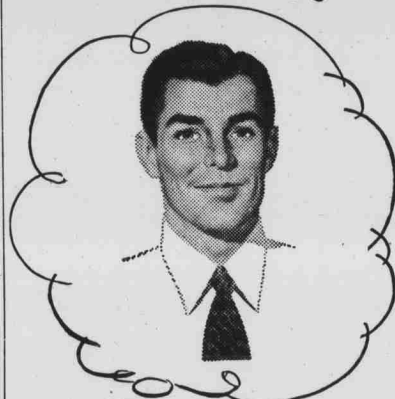
Found—A Ronson cigarette lighter behind Tucker dorm. Owner may claim article at 301 Ricks by identifying the initials on it.

REPRESENTED—

(Continued from Page 1)
student representatives at the college is Colombia, with 21. Canada is second with 19, and Brazil is third with 11. Close behind in fourth place is Turkey, with 10 students.

United States possessions having student representatives at State College and the number from each:

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of her dreams
is the
neat-est man!*



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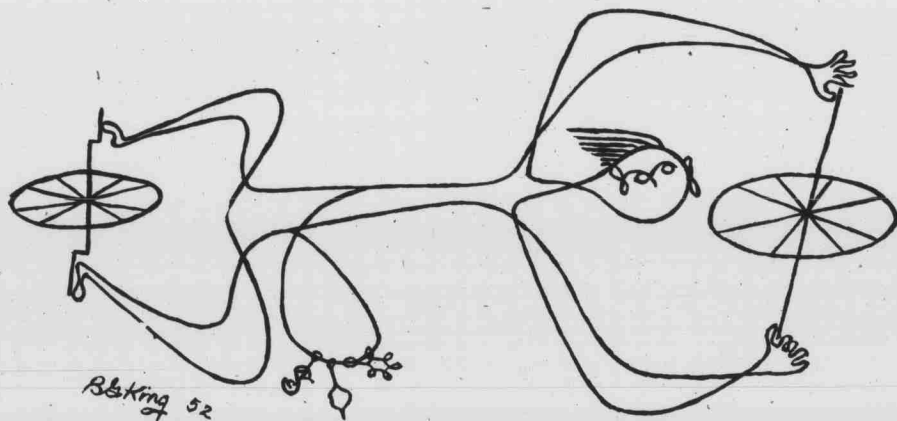
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THE DAMMED DON'T CRY



Pictured—A campus wheel, always in a hurry, always moving towards greater achievements at a highly accelerated rate. His chain of keys flapping in the breeze, The Wheel often stirs up considerable dust along his route. If he is a particular brand of Wheel, he may stir up a little dirt.

It became apparent after Campus Government's meeting of Tuesday, November 25, that the facts in the Student Legislature case would have to be set straight.

While the meeting was in progress, a News and Observer reporter, without the knowledge of those assembled was taking notes of, and in effect covering the meeting. The local newspaper which this reporter represented had been contacted by none other than publicity-mad Howard Wells.

The next issue of the News and Observer carried a story which reflects badly upon that organization's motto, and which because of its totally inaccurate headline, was automatically invalidated. The headline read: "State College Trio Rebuked for Assailing Two Trustees." This simply is not so. The trio (Wells, Willis and Davis) was rebuked for violating the confidence of their fellow legislators, for stating to the press that there had been hints of intimidation on the part of the State College administration, for behaving very badly while in the Capitol, and for acting irresponsibly while presenting themselves as representatives of State College at the Student Legislature.

The remaining members of the Legislature group have all flatly stated that the administration made no signs whatsoever of intimidating them when they were called to Holiday Hall to discuss the merits of presenting a bill to oust the Clark brothers from the Board of Trustees. Even before meeting with Chancellor Harrelson, a majority of the members (Wells, Willis and Davis excepted), had agreed not to present the bill. A substitute was prepared in place of the controversial bill; however, when the second bill was presented, all of the arguments which were to have backed the first effort, were used to insure the passage of the second. This was done in violation of the agreement made among the members prior to the time the bill was presented in the chamber.

While the argument for the bill was being bandied about on the House floor, Howard Wells was called, he says, from the chamber and asked for an interview by a News and Observer reporter. Wells, it seems, has an affinity for reporters and the subsequent publicity.

Last spring, some Technician readers may recall, Wells, acting as Giles Willis campaign manager when the latter sought the Campus Government presidency, initiated one of the most ridiculous election campaigns ever witnessed at State College. It was such an insult to the intelligence of the average student, that Willis was unanimously rejected as C. G. material. In the final days of the campaign, in an effort to win by any means, Wells initiated a smear campaign against Vincent Outland who also sought the top C. G. post. Fortunately the smear attempted was cauterized in its early stages and Outland went on to win in a landslide.

Later this same Howard Wells, in a manner most unorthodox, went to Washington and persuaded the Ambassador of Indonesia to visit State College in order to promote a WSSF drive. This singular action on Wells' part necessitated his going over the heads of University officials to accomplish the mission. Naturally this caused repercussions and Gordon Gray remained justifiably indignant for some time.

During the course of the Campus Government meeting on Nov. 25, someone suggested that the whole affair downtown was intended as a mock legislature and as such should be considered as a joke, and that Willis's ouster from the senate chamber should also be taken humorously. For a second time though, the means to the end backfired and for a second time the joke was on

the Messrs. Wells and Willis. Since when is the serious business of government been reclassified as a joking matter?

Later in the evening of the day on which he had been rebuked, Wells encountered C. G. President Vincent Outland and took the opportunity to smuggly pass a remark which indicated that he (Wells) had gone C. G. one better by having the meeting publicized in the local newspaper.

The irresponsible actions of Wells with his insatiable thirst for publicity and those of his naive dupe, Willis, have irritated, hurt and embarrassed many of the organizations to which these men belong. It is conceivable that several or all of these organizations might wish to take action to censure the members in question further. Should they choose to do so, they would be entirely justified. When a member takes liberties with the honor and integrity of an organization which has been built up over the years, he detracts from the worth of that organization in a manner which cannot be tolerated.

Another discouraging feature of this whole student legislature episode is that many people have come to regard Wells as a plucky, courageous little fellow who is to be admired for "standing up to the brothers Clark." Nothing could be further from the truth. Wells is regarded by those who know him by his deeds as a pompous, presumptuous, bold, egomaniac who is unrivaled for the position of the campus's No. 1 Rabble-rouser. Willis doesn't even come close, but the two together are something to behold, and something to be on guard against.

It is anticipated that with the publication of this newspaper, that Wells will make himself even more ridiculous by issuing another press release in which he will blast the Clarks. Ho-hum.

"Dog's Life"? No Thanks

The dog is no longer leading a "dog's life," thanks to advances made in various fields of medicine and nutrition.

One of these is a highly effective vaccine against distemper, most serious common disease in dogdom. Regardless of how well you treat your pooch, or how purebred he is, he is still susceptible to this virus-caused disease unless properly protected. There was a time when distemper killed more dogs than many other diseases combined, but thanks to this new immunizing vaccine the picture is changing.

Rabies, the one-time horror of dogdom, need no longer cause fear and trembling. A new vaccine developed here and announced little over a year ago gives solid, lasting immunity against rabies. It is a modified live virus vaccine which does not cause post-vaccinal paralysis, a reaction often as terrible as the disease.

The "wonder-drugs" developed for use in human diseases are also playing an important role in elevating the dog's health standards. The sulfa drugs, penicillin, and aureomycin are used for external and internal infections. Another drug developed for combating filariasis, a serious tropical disease which infects hundreds of millions of people, is being used by the veterinarian to combat heart worms and large roundworms in dogs.

Surprising developments have occurred in the animal hospital field. There are about 2,500 animal hospitals today equipped to take care of 10 or more animals. The latest official listing reveals that there are about 13,000 licensed veterinarians in this country.

A visit to one of these animal hospitals will startle the average layman. Many of them are better equipped than human hospitals, and since the standards of the veterinary profession are so high, many dog doctors are as well trained as human doctors. A sick dog today may get a thorough examination, including X-rays, blood test, heart test, diet test, and, in fact, almost every test a human would get. At the first sign of pneumonia or other respiratory infections, many vets will prescribe the antibiotic "wonder drug" aureomycin for your dog.

All this fine care for dogs may seem silly to some people, but there is this to consider: with proper care, you may have the companionship of your dog a few years longer than was possible in the past. Children who grow up with a friendly dog can really appreciate this.

GI Insurance Policies Lapsing

More than \$10 billion in lapsed GI term life insurance will be lost forever under present laws unless the 1,200,000 veterans who have permitted their policies to lapse reinstate them before the terms expire during the next 14 months.

Veterans Administration, in releasing this statement, said the policies involved are lapsed term National Service Life Insurance (NSLI) that were issued to two groups of World War II and post-World War II veterans.

The two groups are:

1. The 1,100,000 World War II veterans who took out term NSLI policies while they were in service during the last two months of 1944 and all of 1945; and,
2. The 100,000 World War II and post-World War II veterans who took out term NSLI policies while they were in service during the last two months of 1947 and all of 1948.

The first group of 1,100,000 veterans have 8-year term policies and the second group of 100,000 veterans have 5-year term policies.

What, Them Too?

"Football is a brutal sport for participants," says the New York University Heights Daily News, "but at several universities the most excruciating pain is felt by spectators. NYU, for example."

"Then the paper went over the team's record of the last three years: "Seniors who were gridiron enthusiasts have seen their team win five games, lose 13 and tie once."

"That's a poor record, but for the sake of journalistic integrity we must report that once again the record is deceiving. NYU football was actually worse than that."

In three years, continues the editorial, NYU opponents have scored 663 points, "twice as many points as our teams have been able to amass; NYU has lost exactly one-half of its contests by more than four touchdowns. . . ."

Carefully understating the problem, the paper points out that "our football program needs a re-evaluation."

"We want neither hired nor hapless help playing for NYU. What we would like is some reaffirmed goal at which University football can be directed. NYU must either be equal to its present schedule or prepared to drop its level. It can no longer afford to be the graveyard of both coaches and school spirit."

Both terms expire sometime during the last two months of this year or during next year, depending on the anniversary date of each policy.

If veterans in either group do not wish to lose this coverage altogether, they must reinstate their policies before the terms expire. Otherwise, they will not be eligible for further GI life insurance coverage under Public Law 23, 82nd Congress.

Reinstatement of lapsed term policies may be accomplished by applying to VA. A physical examination is required after 3 months of lapse and the payment of two monthly premiums also is required. One of these two premiums covers the premium for the month of grace coverage after lapse and the other is for the premium month in which the application is submitted to VA.

Veterans are advised by the Veterans Administration when writing to VA about benefits or claims to address their letters not to the VA Central Office in Washington but to the Regional Office which serves their state or a nearby local office.

The VA Regional Office which serves North Carolina veterans is at 310 West 4th Street, Winston-Salem. The Regional Office for Virginia veterans is at 211 West Campbell Avenue, Roanoke. The Regional Office for most West Virginia veterans is at 824 Fifth Avenue, Huntington.

Most veterans' files are maintained in the Regional Office serving (Continued on Page 16)

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BOY INTO MAN

(Continued from Two Weeks Ago)

We presented ourselves at the school office, looking like one of those family group snapshots which turn up in the back pages of old photograph albums, where a very possessed "older boy" with a nameplate pinned to his lapel, took us in charge and led us to Goggle's room. It was impossible to tell how Goggle felt. He had retreated to some ultimate corner of his being, and on the surface he displayed a nonchalance of manner so advanced that I doubted if he could lift his feet up the stairs. In his room we found ourselves unpacking all the things we had just packed. My wife made the bed, asking him to help, and I asked him to watch where I was putting his things away in the bureau drawers.

Goggle heard neither of us. He stood at the window with his hands in his pockets and watched the boys arrive.

"I am putting your handkerchiefs and socks in the top drawer," I said, "and your shirts in the second drawer. Are you listening to me?"

"There's Jim Halliday!" Goggle said at the window, and his voice was like the bugle the cavalry used to sound when they came over the hill to save the beleaguered fortress. Goggle's mother and I looked at each other. Our stiff faces cracked into smiles, and we breathed deeply for the first time that day. We were saved.

Goggle never did know until later into what drawers I had put what things. He ran downstairs while we finished the chores, and then we went down to find him. He was standing with Jim Halliday, both of them, hands in trousers pockets, so nonchalant that I felt they ought to be propped against each other to stand. "Hi," they said.

We refrained from overwhelming Jim Halliday with the blessings we felt for him. We didn't know him very well, and none of us knew he would be there, and he would never know how happy we were to see him. We were nonchalant, too.

There was still an hour to go before the boys had to be checked in. Would Goggle like to ride down to the village for a soda? He walked away with us, but halfway to the car he stopped. "I'd better not," he said. "I might miss something. I'd better stay. Goodbye," he said, just like that.

We kissed him on the cheek, lightly. We tried not to touch him with our hands. We smiled. We said "good-by," and he walked away from us. We stood and watched him, the boy's back that was beginning to be a man's back, the ears that almost looked as if they might belong to his head someday, the feet that he wasn't quite used to yet. We got into the car and drove away in silence. Back to the dark house, the desolate tire chains, the bicycle in the basement. We didn't look at each other, and we didn't speak.

It was more than six long weeks until Parents' Day, and every day we went to the post office. During the second week there was one letter. It read as if it had been written at sword's point. "School," Goggle wrote, "is, well, okay. Wheh!" (We never did find out what that alarming word indicated.) "I guess it will improve in time," he went on, "and since there is nothing else to say I will stop." This, our one letter, was not conducive to long, restful nights in the interim, so we were most anxious for Parents' Day, even if it did present its special problems.

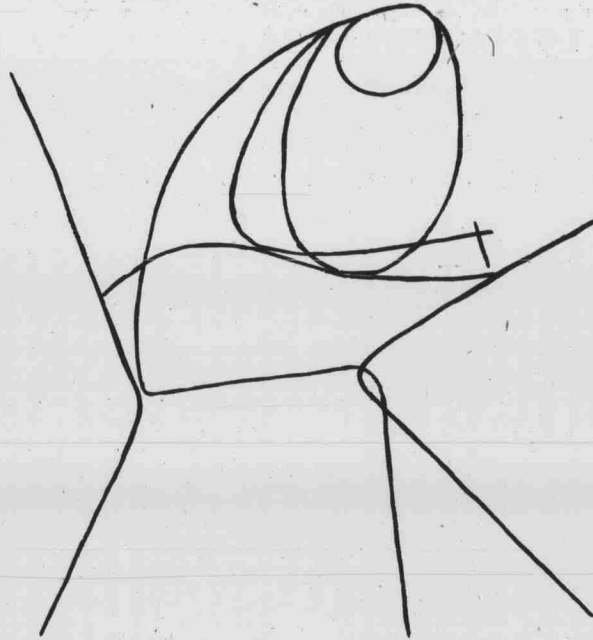
My wife, for example, had nothing at all to wear. She had had nothing new at all for years, as she pointed out; she didn't even know what women were wearing now, but everything she owned was either too city, too country, or too in-between. She was in despair. She would just have to go into town and see what she could do.

I had a problem myself, as I pointed out. Because of my unfortunate tendency to find too much pleasure in serious things, I might embarrass Goggle. "I can't go around grinning at everybody," I said. "They wouldn't understand." So I commissioned my wife to go to Brooks and buy me a Proper Tie. "Not a Sincere Tie," I explained. "A Solemn Tie. A tie that will say to me when I look in a mirror: you are a father, a pillar of the community, a staunch patriot, and a voter of the straight ticket."

My wife protested that this was asking a lot of a tie, but I waved her objections aside. "Brooks will understand," I said loftily. "Just explain you want a tie for a father to wear to visit his son in boarding school. They have cross-references for that sort of thing."

My wife left for town before dawn and came back at five completely exhausted but still in despair. She had not found a thing. She was carrying a box and it had a dress in it, but she was going to send it back in the morning. "I just brought it home to show you the kind of thing I had to put up with," she explained, taking her shoes off to rub her feet.

I made commiserating noises for her, and thought commiserating thoughts for the sales people, and then I asked about the tie. She had it and it was perfect. It was dark brown and green in regimental stripes. It looked like the sort of tie you couldn't possibly buy. You just had it, like those hats that are said to be worn by Boston matrons. My satisfaction cheered my wife



What is in thy mind my man?

enough to go upstairs and try on all her clothes again. She finally decided to wear her oldest suit, on the grounds that anything new would make her feel uncomfortable anyway.

Thus attired we set out, late in the afternoon on the day before Parents' Day. In our concern to do justice to Goggle we were even later than we had intended (my shaving lotion was far too fragrant, I decided, after I was completely dressed, and my wife tried on all of her earrings before she decided to wear none at all, and so we didn't arrive in time for the junior football game. Goggle, we were informed when we arrived, was in the dressing room. He would meet us in the Hall (called just "Hall" without the article) for tea.

We went to Hall, where I immediately made a search for a mirror to look at my tie, the idea of meeting my son for tea already breaking down all of my resolutions to be a solemn, proper parent. Tea turned out to be cocoa in paper cuts, which made me feel I might get through it after all without disgracing myself, and while we stood in front of the fireplace and sipped it, Goggle appeared.

It was an occasion which a certain beer company should immortalize under its heading of Great Moments in the Lives of American Families. There was Goggle, scrubbed and shining, his socks straight; wearing flannel trousers, a jacket, a button-down shirt, and a bow tie in regimental stripes.

We stared at each other across the room, and then, with an expression which I will never forget—Goggle looked up at us and down to see if we were properly dressed!

We moved toward each other, too oppressively and breathlessly nonchalant to say anything but, "Hi." We smiled at each other shyly.

"New tie?" Goggle asked. "Yes," I said, looking with awe at his own. "Did you tie it yourself?" I whispered.

"Of course," Goggle said casually. I looked around. The room was filling up. As far as the eye could see, we were surrounded by young men, all wearing bow ties in regimental stripes which they had tied themselves. Brooks had not failed me. I was in.

"Won't you sit down, Mother?" Goggle said.

Goggle's mother sat down. Cocoa choked in her throat and trembled in the cup in her hand, and I said something loudly, quickly, jokingly, seeing with alarm the sudden moist brightness of her eyes.

We stayed the night at the Inn (restored as of January 1, 1776, with plumbing laid on) and the next day passed as in a pleasant dream. I had The Tie, which I fingered surreptitiously at dangerous moments, and I got through all of it safely. There was the anxious gravity of the everlasting football game with the school's traditional rival, which we won; there was chicken à la king in Hall; and interspersed with all, the manly talks with the young masters, all of whom wore tweeds, smoked pipes, and had either two, or one and a half children.

Goggle's mother had baked a cake, and we had that with cokes in Goggle's room, while other boys wandered in and out, speaking the incomprehensible shorthand of boarding school jargon.

It was almost dusk before Goggle made us go home. We found we were laughing this time as we got into the car and drove away. We felt young again and happy, and we held hands.

"Let's stop and have dinner at a very nice place," my wife said. "With a cocktail first."

"Or maybe two cocktails," I said. We didn't try to put it into words then, but a wonderful, miraculous hope had begun to blossom in our hearts. I thought of all those endless talks we had had about boarding school; the sleepless nights of indecision. But Goggle had looked at us when he talked. He had listened when we spoke to him. It was even possible that, in time, he might come to see us as human beings, separate from himself.

Goggle was going to be free. As a note of special interest to fathers who may soon be in a position similar to that of "Goggle's" father, there is now hope of saving the confusion of such a predicament. Calvin S. Sifferd, supervisor of counseling for men's residence halls at the University of Illinois, has written a 107-page book, "College and You," which is designed

Jr. Press Confab Broadcast On TV

The many "experts" who have charged the younger generation with being passive and unquestioning are getting their answer every Sunday morning when "Junior Press Conference" hits the TV screens.

Originating out of Philadelphia and filmed for viewers in other cities, the show consists of a panel of college students who do the asking, and a prominent adult who does the answering. Last week's show featured Senator Estes Kefauver.

The program is now being sponsored by the American Broadcasting Company and is being shown all the way from New York to Chicago. Mrs. Ruth Geri Hagy, Philadelphia newspaper woman, is producer and moderator.

"The entire show is unhearsd," says Mrs. Hagy. "Our young people must be given fullest opportunity to present themselves to the public."

She adds, "To insist on particular questions, to restrict students in expressing their views, is to undermine the contributions which these young people can and must make to democracy."

Prominent citizens scheduled to appear on future "Junior Press Conferences" include: General Omar Bradley, John Foster Dulles, Senator Joseph McCarthy

Library Display Don't Myth This

A series of posters and other materials on Greek and Roman Mythology is now on display in the D. H. Hill Library at North Carolina State College.

The exhibition is open to the public without charge. The library is open from 2 until 10 p.m. on Sunday and from 8 a.m. until 10 p.m. week days. The display will be shown the remainder of this week, according to Mrs. Katherine A. Edsall of the D. H. Hill Library staff.

The display is composed of paintings of the Greek and Roman gods and goddesses, together with the library's chief books on mythology. The paintings are the work of Jehu D. Paulson, professor of drawing at State College. The materials were assembled in connection with a course in world literature, now in progress at the college.

Both the Greek and Roman names, chief symbols, and attributes of such mythological figures as Jupiter, June, Venus, Diana, Appolo, Mercury, Vulcan, Minerva, and Neptune are featured in the exhibition.

Various materials shown in the exhibit were contributed by State College departments and Raleigh residents. A little quiz is displayed to test the reading of those who observe the posters and books on mythology.

to answer questions of prospective and new college students and their parents.

As a member of information teams at many high school college day programs, Sifferd found a dozen questions always asked. In a half-dozen years in his post here K—Technician . . . Kelly he has become familiar with problems of first-year students. But the book is not confined to any single institution.

Its information is presented as a series of 20 letters to a brother and sister. First they consider college, and then one enters a small college, the other a big state university.

Among subjects discussed are whether to go to college at all, choosing a college, small colleges vs. big universities, entrance requirements, costs, working one's way, freshman week, selecting classes, sororities and fraternities, study habits, dates and social activities.

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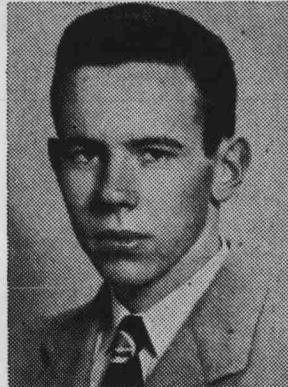
ALAN HORNE



JAMES D. FOSTER



EDWARD G. HILL



MAXWELL R. THURMAN

Pictured here are the officers of the Senior Class at North Carolina State College. The college enrollment includes 750 seniors, who are scheduled to graduate Sunday, June 7, 1953. Top row, left to right: Alan Horne of Richlands, president; and James D. Foster of Route 1, Ruffin, vice president. Bottom row, left to right: Edward G. Hill of Route 4, Lexington, secretary; and Maxwell R. Thurman of High Point, treasurer.

Job Tests Find Engineers Early

If you know a college freshman's score for the engineering interest in the Strong Vocational Interest Test, can you predict what his occupation will be 19 years hence? The answer is "Yes—with qualifications," says Dr. Edward K. Strong, Jr., noted psychologist and professor emeritus of Stanford University.

Remarkable agreement is shown between freshmen's scores and their choice of jobs in Dr. Strong's follow-up study, results of which were published recently in the *Journal of Applied Psychology*. Dr. Strong tested 306 Stanford freshman in 1930. Those who became engineers had scored 99 per cent engineering interest. Another group who became physicians scored only 48 per cent engineering interest. And those who became lawyers scored a mere 16 per cent.

The Strong Vocational Interest Test does not measure a man's ability to do a certain job. Rather it is a yardstick of how much he will enjoy doing it. In selecting an occupation, enjoyment of one's job is just as important as having the ability to do it, Dr. Strong points out. The test consists of 400 questions about occupations, school subjects, amusements, activities, and peculiarities of people. Answers given by the person tested are compared on carefully worked-out scales with the answers of persons already successfully engaged in a certain occupation. Similarity of answers shows a similarity of interests, which in turn indicates the person being tested will like that occupation.

Of the freshmen who scored high in engineering interest in 1930, Dr. Strong found that only 40 per cent actually became engineers. If this seems strange consider that the average man tested for 34 possible occupations makes high scores in about three of them.

In other words, the average man has the interest peculiar to men

successfully engaged in about three different occupations. Therefore the chances were only about one in three that each freshman who scored high in engineering would become an engineer. As it turned out, another 16 per cent of the group entered occupations closely allied with engineering.

Interests don't change much either. Dr. Strong gave follow-up tests in 1931, 1939, and 1949. He found the interests of his former Stanford freshmen 91 per cent the same after one year, 77 per cent the same after nine years, and 76

per cent the same after 19 years. His results also seem to indicate that interests change most during the first nine years, although not much during the first year.

Dr. Strong notes, however, that psychological tests are far from infallible, and there are always exceptions among those tested. Furthermore, many factors that determine a man's occupational choice are independent of his interests, such as health, ability, financial condition, and family pressure.

Considering all this, Dr. Strong says the agreement between engineer interest scores and choice of occupation is far greater than he expected.

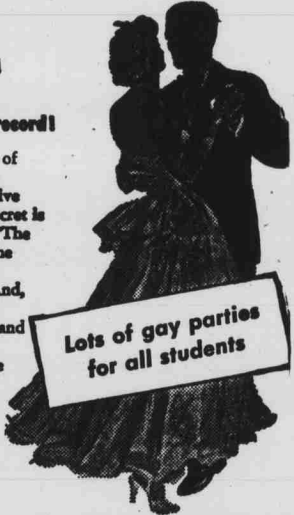
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"EXAM WEEK MUST GO"

The education provided in the colleges needs revamping to take us out of the present "age of confusion," according to Dr. Robert A. Love, director of the Evening Division of the City College School of Business.

The colleges, he said, instead of fighting to hold education into its traditional departmentalized forms and concerning themselves with implanting the limited knowledge of the past, must reorient their methods, approaches and objectives if they are to meet modern needs. This reorientation, he added, is being speeded up by the evening divisions, which, under the necessity of satisfying the demands of adult

students, are pushing ahead with changes geared to these current needs. One aspect of collegiate training perennially under fire are the final exam sessions. From a sheaf of material on the subject, The Technician has selected several diversified opinions from which State students can draw their own conclusions. First, here is an editorial from the University Daily Kansan.

"Test-week was going to be the cure-all, the preventive medicine for students' semester-end intellectual pains. It was going to cut down on suicides, nervous breakdowns and pupillary insomnia.

"By concentrating examinations in the space of one week and excusing all classes, the panacea was expected to spread tests out over decent intervals and afford the student plenty of time for preparation. "What is the result?"

"Jay of June Hawker, carrying 18 hours, finds that he has two 2-hour tests on Thursday, Friday and Saturday, and nothing to do for the rest of the week.

"This fanaticism for useless scientific testing has reached the point where it is actually interfering with the learning process. The week set aside for exams could be much better utilized by small seminars, private conferences, and oral quizzes, effectively testing the student's knowledge of a subject, and perhaps imparting a little more of that knowledge.

zes, effectively testing the student's knowledge of a subject, and perhaps imparting a little more of that knowledge.

"It's about time we start spending more time for learning and less time for testing."

From the Cornelian, at Cornell College, Iowa, there follows a sensible bit of editorializing printed under the headline, "Photo Finish."

"... In most races it is desirable to have a slow start and then finish with a strong burst. Unfortunately for some Cornell students, there are professors who think that it's now time to put on that extra burst of speed to cover the distance before the semester tests.

"... No student will disagree with a teacher who thinks it is wise to cover the ground carefully during the first few weeks. The disagreement arises out of the fact that by the time May rolls around there are still 50 chapters to be read before final tests.

"... It is our contention that if a professor sees that he, according to racing lingo, is going to finish 'out of the money,' he shouldn't try to put forth the extra drive to be a 'winner.' He will more likely be a winner in the long run if the material is taken in stride and not at a gallop."

N. C. TOPS IN TEXTILES

North Carolina not only leads every state in the nation in employment in the textile industry, but more than one-third of all employment and more than 55 percent of all manufacturing employment, in the State, as covered by the Employment Security Program, is engaged in the manufacture of textile products.

The E.S.C. Quarterly, published by the Employment Security Commission of North Carolina, in its current issue, shows that North Carolina mills employed 18.5 percent of all textile workers in the United States in 1951. Pennsylvania makes a poor second with 11.6 percent of the nation's total. Moreover, textiles are manufactured in 72 of the State's 100 counties. In four counties more than 10,000 workers are employed; 12 others have more than 5,000 employees; nine more counties have more than 2,500 employees, and 19 other counties have more than 1,000 textile workers.

Contributions to the issue just off the press include Hugh M. Raper, the Commission's director of Research and Statistics; Henry Lesesne, roving editor of *Textile Information Service*, on the history and development of the industry; Mrs. Mildred Barnwell Andrews, who is preparing a history of the textile industry, writes on the sociological development of N. C. textile communities; Dean Malcolm E. Campbell, on N. C. State College's School of Textiles; J. H. Lampe, State's dean of engineering, on the Gaston Technical Institute; J. Warren Smith, director of Vocational Education, on the N. C. Textile School; Paul Kelly, of Conservation and Development, on post-war expansion in the textile industry, and others.

Articles were written by M. R. Dunnagan, editor, on about 25 of the leading textile manufacturing firms in the State, largely those with multi-units. These include Cannon, Burlington, Cone, Erwin, Robbins, Textiles - Incorporated, Johnston, Roanoke Rapids group, American & Efrid, J. P. Stevens, Firestone, Chatham, Leaksville, Fieldcrest, Collins & Aikman, American Enka, Blue Bell, Biltmore Industries, Rocky Mount Mills and others.

About 115 pictures, largely of thoroughly modern plants and up-to-date machinery, are carried in this issue. The early Schenck & Warlick Mill in Lincoln County and the Battle Mill in Rocky Mount, now Rocky Mount Mills, appear on the front cover. A page of yarns and fabrics, with end products, made by N. C. mills, is shown. A panel of eight N. C. textile pioneers is carried in the issue, as well as a group picture 48 years old, showing officials of Erwin Mills, including Washington Duke, J. B. Duke and B. N. Duke.

Civil Service

An examination of special interest to college students in civil engineering has been announced by the U. S. Civil Service Commission for filling Highway Engineer Trainee jobs in the Bureau of Public Roads. These jobs, paying \$3,175 and \$3,510 a year, are located throughout the country.

This examination is open to persons who have completed three-fourths or all of a professional civil engineering curriculum or who expect to complete such study by September 30, 1953. All applicants must pass a written test. The maximum age limit is 35.

Further information and application forms may be obtained at first- and second-class post offices, or from the U. S. Civil Service Commission, Washington 25, D. C. Applications must be sent not later than February 10, 1953, to the Executive Secretary, Board of U. S. Civil Service Examiners, Bureau of Public Roads, Department of Commerce, Washington 25, D. C.

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Granny is now eighty-three
 And yet she's spry and plucky -
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 Be Happy and Go Lucky!
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LUCKIES TASTE BETTER!
 They're made better to taste cleaner, fresher, smoother!
 Ask yourself this question: Why do I smoke?
 You know, yourself, you smoke for enjoyment. And you get enjoyment only from the taste of a cigarette.
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 So, for the thing you want most in a cigarette... for better taste—cleaner, fresher, smoother taste... Be Happy—Go Lucky!

An apple used to do the trick,
 But grades don't bother me -
 I give my prof this one sure tip
 That L.S./M.F.T.
 Edward Siegel
 University of Florida

FOR A CLEANER, FRESHER, SMOOTHER SMOKE...
Be Happy-Go LUCKY!

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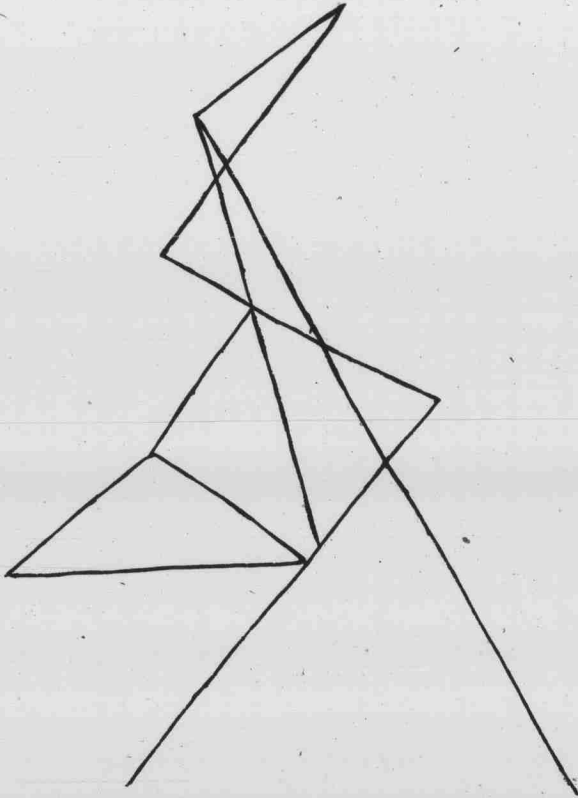
Luckies always pass the test: They always make the grade - They're cleaner, smoother than the rest Because they're better made!

David M. Burns
Princeton University

COLLEGE STUDENTS PREFER LUCKIES IN NATION-WIDE SURVEY!

Nation-wide survey based on actual student interviews in 80 leading colleges reveals more smokers prefer Luckies than any other cigarette by a wide margin. No. 1 reason—Luckies' better taste. Survey also shows Lucky Strike gained far more smokers in these colleges than the nation's two other principal brands combined.

WOMAN IN A HURRY—By Gary King



Christopher Bean Presented Tonight

The Barter Theater of Abingdon, Virginia will present "The Late Christopher Bean" Friday, December 5 at 8:30 p.m. in Pullen Hall. The Theater Committee of the College Union will sponsor this performance. Students will be admitted by the showing of their registration cards. Student dates will be admitted free. College faculty and staff will be admitted by College Union Membership Card. All others; \$1.80 per person.

The play is a comedy about a small-town family which for several years has been ignorant of the fact that they've had some valuable paintings around the house, much of the work done by the genius painter is seen on the stage. This poses something of a problem for

Owen Phillips, who is staging the Barter Theatre of Virginia's production of this play, since nothing short of the greatest art would be convincing to those in the audience who know their painting.

Owen Phillips was recalling the other day a story he had heard about the New York production, in which it was decided that a colored reproduction of a Cezanne, the renowned French impressionistic painter, would be used in one scene where a picture is supposed to be clearly visible to the audience.

On the opening night of "The Late Christopher Bean" on Broadway, one patron was overheard to remark: "I wonder why they didn't get a good artist to paint that picture?"

V.A. Openings

The Veterans Administration has a large number of openings for architects and engineers in most parts of the United States.

They are wanted in connection with VA's program of construction, conversion and modernization of hospitals. These hospitals are normally designed by VA and supervised during construction by VA engineers.

The engineering and architectural opportunities embrace almost every technical branch of engineering skill as well as opportunity for administration, research, design, specification writing, and supervision of construction and operation.

Among the vacancies now existing are positions for architects, estimators, structural engineers, mechanical engineers, electrical engineers, civil engineers (sanitary), architectural engineers (specifications), landscape design architects, color designers, construction superintendents, project managers, and boiler and mechanical inspectors.

Engineers employed by VA participate in the automatic salary increases provision of Civil Service and enjoy liberal vacation, retirement, and sick leave privileges. Interested applicants may contact the personnel officer of the nearest VA hospital or regional office, or write to the Departmental Personnel Service, VA, Munitions Building, Washington 25, D. C.

Civil Defense Reports

First reports on progress and participation in the "Pledge For Home Defense" Campaign from a North Carolina organization came to the state Civil Defense Office today from the American Legion Auxiliary Headquarters, E. Z. Jones, State Civil Defense Director, disclosed today.

Thousands of civil defense volunteers are needed to strengthen the North Carolina homefront sufficiently to withstand an enemy onslaught, atomic or otherwise. This week and next, more than one hundred statewide organizations are trying to answer that need, according to the state director. Their concerted effort is the "Pledge For Home Defense" Campaign.

"The campaign goals are education of individual in self-protection and registration for future duty in Civil Defense," Jones stated, "registration does not mean immediate active participation."

Among the groups participating in North Carolina are Business and Professional Women, Lion's Clubs, American Legion, Junior Leagues, Daughters of the American Revolution, Girl Scouts, Altrusa International, Jaycees, Colored Parents and Teachers Association, Pilot Clubs, Rotary International, Knights of Columbus, Home Demonstration Council, Y.M.C.A., Medical Society Auxiliary, Camp Fire Girls, American Red Cross, and Marine Corps Reserve Officers.

Lost Clothing

The Library personnel have become concerned over the growing accumulation of clothes and other diversified bits which students have left behind them in D. H. Hill. If you have something missing, the library might be a good place to check.

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Outing Committee

The Outing committee of the College Union Board of Chairmen met October 20 and discussed the possibility of co-sponsoring the Audubon Screen Tour. Other business concerned reports on a nature film and a square dance. Also, a movie on boating was shown by Eddie Morris, and Gordon Carpenter gave a report on the prices of canoes, which the committee desires to purchase. Getting professors as chaperones for the trips was discussed.

Those members present were: Sam Holloway, John Lester, Wayne Marshburn, John Bjorklard, Eddie Morris, "Pop" Winkler, Gordon Carpenter, Ray Worley and Walter Barnes.

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When you have to use your head... head straight for a cup of coffee! Coffee can help you think better... for coffee gently stimulates your mind. It can help you work better... for coffee helps efficiency. You'll feel better every way... after a coffee-break!

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Campus capers call for Coke

When grades are posted, get hold of yourself—maybe the news is good. Anyway, there'll always be problems ahead, so start now and face them refreshed. Have a Coke.

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Coed Muscle in Demand

Calling all State College coeds. Throughout the nation American coeds are being urged to take greater part in athletics so that women athletes from the United States can make a better showing of feminine muscle at the next Olympics. THE TECHNICIAN will reserve its opinion of muscle bound beauty, but here the call to arms is issued:

Girl's schools and co-ed colleges today were urged to cooperate in the development of more girl athletes in track and field events so that Uncle Sam's chances in the 1956 Olympic Games will be strengthened.

The plea came from Daniel J. Ferris, secretary-treasurer of the Amateur Athletic Union. Ferris has been at his post for forty years and has seen the sons and daughters of the Uncle take a lot of hurdles in his time.

"As far back as thirty years ago, schools like Vassar, Bryn Mawr, University of California, Florida State College for Women and others had good women's track teams and this effort paid off as late as 1932 when the U. S. women dominated the distaff events at the Olympics," Ferris says.

"We have to build up our strength in the women's events and encourage women's track and field athletics like the Russians, the French and the English do. Everywhere in Europe and elsewhere

over the map, women may race up to half a mile and even beyond. We limit ours to 220 yards," Ferris states.

The prowess of the Russian women athletes gave the Soviets a big lead in the recent Olympic Games at Helsinki, a lead that the American men barely managed to overcome in the eleventh hour.

"There is no secret about the way other countries develop more good women athletes in track and field events," Ferris recently said in an article for "Parade" Magazine. "The Olympics are not in-

(Continued on Page 9)

Union Movie

Harold Lloyd, one of the silent era's greatest comedians, will star in "The Freshman," his great comic masterpiece, at College Union Movietime this week.

Second only in popularity to Charlie Chaplin during his screen career, Lloyd achieved fame through his portrayal of awkward college boy types and reached the height of his popularity with this picture.

In "The Freshman," Lloyd is Harold Diddlebock, one of nature's great mistakes, who upon matriculation at college, continues to get himself into embarrassing situations. When he accidentally gets into a football game for his Alma Mater, hilarity prevails.



Harry Bates, a graduate of the School of Design (Class of '52), has the lead in the Raleigh Little Theater's latest production, REMAINS TO BE SEEN. Bates has appeared in other RLT plays, most recently, THE DRUNKARD.

"Remains to be Seen"

"REMAINS TO BE SEEN," Lindsay and Crouse's rousing Broadway hit will run through Sunday, December 7. State College students wishing to attend this Little Theater production can still make reservations at the box office. Box office opens at 12:00 noon and stays open until curtain time at 8:00 p.m. All tickets must be picked up before 6 o'clock on the night that you are to see the show.

Fellowships Given

The National Science Foundation has recently announced its second graduate fellowship program for the academic year 1953-54. Fellowships will be awarded for graduate study in the biological, engineering, mathematical, medical, and physical sciences. These fellowships are limited to citizens of the United States.

More than five hundred Fellows will be selected for a year of graduate study. Selections are made solely on the basis of ability. The majority of the awards will go to graduate students seeking masters or doctors degrees in science, although a limited number of awards will be made to postdoctoral applicants.

Graduating college seniors in the sciences who desire to enter graduate school are encouraged to apply for the awards.

The three-part rating system for predoctoral Fellows will consist of test scores of scientific aptitude and achievement, academic records, and recommendations regarding each individual's merit. Postdoctoral applicants will not be required to take the examinations.

The stipends for predoctoral Fellows range from \$1,400 to \$1,800; the stipend for postdoctoral Fellows is \$3,400. In addition, tuition and certain required fees will be paid by the Foundation. Limited allowances will be provided for dependents and for travel to a Fellow's graduate institution. The tenure of a fellowship is for one year and can be arranged to begin at any time after June 1, 1953, but not normally be later than the beginning of the academic year at the institution of the Fellow's choice.

Applications for the current National Science Foundation fellowship awards may be obtained from the Fellowship Office, National Research Council, Washington 25, D. C., which is assisting the Foundation in the screening and evaluation of fellowship applicants. Completed applications must be returned by January 5, 1953. Applicants for predoctoral fellowship will be required to take certain parts of the Graduate Record Examination which will be administered at selected centers in the United States on January 30-31, 1953. Applicants will be rated by Fellowship Boards established by the National Academy of Sciences—National Research Council. Final selection of Fellows will be made by the National Science Foundation.

Frosh Elections—

Freshmen Elections will be held at your next assembly Tuesday, Dec. 9th. At this time your class officers will be elected—president, vice-president, secretary, treasurer.

All Freshmen are eligible and if anyone wishes to run for office, he must register his name and the position he is seeking in the Assistant Dean of Students Office by 4:30 p.m. Monday, Dec. 8th.

The elections are handled by the Campus Government.

"An introduction to learning"

says J. HILLIS MILLER
President, University of Florida

"The Reader's Digest is an introduction to learning. Its variety, brevity, intellectual stimulation, selective mental diet, and good humor whet the appetite for more of the same. It leads to larger fields for browsing and deeper cerebration."



To busy students and educators, The Reader's Digest brings each month a sweep of information which otherwise could be obtained only through days and weeks of painstaking research. Selecting and condensing the most significant material from hundreds of periodicals, The Reader's Digest provides the widest collection of facts with the greatest economy of effort.

★ ★ ★

In December Reader's Digest, you'll be interested in *A Bible for the 20th Century—story of the new Revised Standard Version of the Bible*; *What You Should Know About Your Eyes—a report on eye care and the commoner eye diseases*; *England Prepares to Crown a Queen—the \$300,000,000 preparations for the coronation of Queen Elizabeth II.*

Sharps and Flats

By JIM CRAWFORD

It is yet too early to state definitely the results of the important band polls for 1952, but the leading music magazines will carry the final results in their January issues. Here is a prediction of my own as to how the poll will turn out as far as the all-star band is concerned:

- Alto sax—Lee Konitz
- Tenor sax—Stan Getz
- Baritone sax—Serge Chaloff
- Clarinet—Buddy DeFranco
- Trumpet—Miles Davis
- Trombone—Bill Harris
- Piano—Oscar Peterson
- Guitar—Chuck Wayne
- Bass—Eddie Safranski
- Drums—Shelley Manne
- Male singer—Billy Eckstein
- Best band in the land—Woody Herman
- Female Singer—Sarah Vaughn
- Best Combo (Less than 7 pieces)—George Shearing

This is a fine time to stick my neck out!!

There is a new record out now by a very young, untalented girl called "I saw Mama Kissing Santa Claus." This thing will turn out to sell a million copies. It will be great commercially and probably will nauseate a million people before December 25. Perhaps the music business in the United States isn't looking up so much after all. It seems that no composer can come close to Irving Berlin's "White Christmas."

Record Reviews

- Excellent—5
- Good—4
- Average—3
- Passable—2
- Poor—1

"It's a Blue World"—Four Freshmen: The Four Freshmen were college students in 1951 when Stan Kenton sponsored them for recording. "World" is one of their earlier sides that is in line for some attention. Let's give it 4, one for each freshman. It's that good.

"That's My Desire"—Louis Armstrong, Velma Middleton: This is an excerpt from Sachmo's Town Hall Concert, and it's still good listening. This is happy music—not frantic, not neurotic just music

that is always just like Louis Armstrong. This guy's records are never aimed at sales only, they are valuable musically too. This side, and the others with it, rates a rave 5!

"I Cover the Waterfront"—Hans Koelher: This is a European band. It is the type of combo that Americans relegate to small bars. The Europeans listen to this guy and think about American music. The side is high-lighted by some fine alto work by Hans himself. At first listen, I said "Art Pepper." This deserves more, but here's a 3 for the alto alone.

For those persons who enjoyed the Tommy Dorsey band Thanksgiving night, there are a number of recordings by the old Dorsey band now available on Victor long playing records. There are many old favorites included in the excellent Dorsey selections.

Now, for a final, I will mention the new long playing record pressed by Capitol starring Stan Kenton and his orchestra. This L. P. is a collection of the good sides that the Kenton band made in its early days. There is no deep, descriptive music that frightened Kenton fans away. The selections are from the original dance band numbers, things like Machito and Minor Riff. This will make a good gift to yourself at Christmas.

Morris Brackett, State's star golfer last spring, was the winner of the City (Raleigh) Amateur Tournament last month for the second straight year. Morris beat Tommy Grissom, 3 and 2, in the 36-hole finals of the annual tournament.

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The National Research Council, Washington, D. C., has announced the availability of the Merck Senior Postdoctoral Fellowships in the Natural Sciences for 1953-54. All fields of physics, chemistry, and biology, plus the preclinical medical sciences, are open to applicants for Merck Fellowships.

These Fellowships carry stipends of \$6,000 and traveling expenses, and are offered to citizens of the United States with a Ph.D. equivalent in physics, chemistry,

or biology. Candidates must also have at least three years of post-doctoral professional experience in their major field, only one of which may have been fellowship work. This program is supported by MERCK & CO., Inc., manufacturing chemists of Rahway, N. J., and administered by the National Research Council. Applications filed with the Council must be post-marked on or before December 10, 1952.

The purpose of the Merck Senior Fellowships, according to the Research Council announcement, is to give "advanced education, training, and development to individuals who have demonstrated marked ability in research in the physical, chemical, or biological sciences and who wish to broaden their fields of investigational activity by acquiring some familiarity with another area."

The Fellowships will be awarded in the late winter or early spring, with the tenure of the one-year appointments beginning at any approved date between July 1 and

October 1, 1953. A fellow may study abroad only when his type of proposed training can be obtained more effectively in a selected foreign institution, and as a rule he is expected to work in an institution other than that at which he had most of his academic training.

The Merck Fellowships were established in 1946 with a grant of \$100,000, the original fund since being supplemented by additional grants totalling \$165,000. Last year's Fellowship winners are now studying at four institutions in the United States.

Further information and application blanks may be obtained from the Fellowship Office, National Research Council, 2101 Constitution Avenue, Washington 25, D. C.

A similar fellowship program has been established in Canada by Merck & Co. Limited, the Canadian subsidiary of MERCK & CO., Inc., and is administered there by the National Research Council of Canada.

Physics Dept. Swaps For Atom Ace

Pelle Isberg, research engineer from Stockholm, Sweden, is serving as an assistant professor of physics at North Carolina State College during the current academic year.

He replaces Dr. Arthur Waltner, associate professor of physics at the college, who has assumed Professor Isberg's duties in Sweden for a year under an exchange program.

Appointment of Professor Isberg to the faculty was announced by Dean J. H. Lampe of the School of Engineering at State College and Dr. Clifford K. Beck, head of the college's Physics Department.

Professor Isberg's appointment has previously been approved by President Gordon Gray of the Consolidated University of North Carolina, Chancellor J. W. Harrelson of State College, and the executive committee of the Board of Trustees.

Before joining the State College staff, Professor Isberg was connected with the Swedish Atomic Energy Company for two years. Earlier, he had been a research assistant and a part-time instructor in the Physics Laboratory of the Royal Institute of Technology, Stockholm. While on duty with the Swedish Royal Navy for one year, he worked for the Research Institute for National Defense on nuclear research projects.

He has considerable experience with a Van de Graaf generator and with a nuclear reactor now being built in Sweden.

The visiting teacher is the author of a number of technical papers and reports on research accomplishments and is a member of the Association of Swedish Physicists and the Association of Graduates from the Royal Institute of Technology.

Engr. Foundation

The North Carolina Engineering Foundation will hold its annual meeting in the Riddick Engineering Laboratories Building Thursday, December 11, at 4 p.m., L. L. Ray, director of foundations at the college, has announced.

Presentation of various committee reports and an address by Dean J. H. Lampe of the School of Engineering will be the highlights of the meeting.

COED MUSCLE— (Continued from Page 8)

tended to pit nation against nation. The purpose of the Olympics is to find great athletes and it is a shame America doesn't give her girls more of a chance to be great."

Ferris said that the 1952 Olympics convinced him that women's sports, properly selected, do not produce mannish women. "Participation in track and field events will enhance rather than dilute femininity," Ferris contends.

Commenting upon the splendid fighting, never-say-die spirit of the U. S. women's relay team at Helsinki, the veteran official of AAU says "Sports have made American boys strong, strong and even great in their sense of fairness and courage. Sports can do the same for girls—and even prepare them better for raising happy, normal-minded families later on."

Anyhow, it looks like the track and field events will have ceased to be a "men's club" by the time the chips are down at Melbourne, Australia's Olympic Games in 1956. They will if Dan Ferris has any luck in spurring on the American universities and girl's schools in their athletic departments.

VARIETY SHOW— (Continued from Page 1)

idea of presenting a few of the best skits along with the Sunday night movie which is shown in the Textile Auditorium. The "live" acts would replace some of the movie shorts.

After the show, several people were heard to remark that they wished that they had prepared a skit for presentation in the show. Should the Union moviemen realize their ambition, these students may very well have an opportunity to fulfill their desire. A program similar to that proposed has for years been enthusiastically boosted at Duke. The proponents of the idea see no reason why State College could not do as well with the program, or perhaps even better.

Those interested in furthering the idea are encouraged to drop by the College Union office in the 1911 Building and talk things over.

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**Loretta Young
Jeff Chandler**
in
"BECAUSE
OF YOU"

The State College Charlotte club has planned its annual Christmas Dance. The dance will be given December 30, from nine until twelve in the Charlotte fireman's hall in Charlotte. Ziggy Hurwitz and his orchestra will play for the dance. All students of the Charlotte area and other students who plan to be in Charlotte during Christmas should contact Gerry Barnes, 2514 Clark Ave. or David Hargett, 1720 Hillsboro St. for bids.

The Charlotte, N. C. Post Office needs 275 additional persons in handling Christmas mail. Anyone interested should contact Charlotte Postmaster, George E. Wilson.

The janitor in the 1911 Building reports the finding of a key attached to a pink plastic tag bearing a monogram "T" on it. The owner is welcome to pick it up at any time.

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With the Greeks

By ED STRICKLAND

Several weeks ago the Investigations Committee of Inter-Fraternity Council met with student government officers of the three Raleigh girls' schools.

Their first objective was to work out improvements for the chaperonage system now used by State College fraternities. Most of the meeting wound up in deadlocks. One of the best things to come out of the meeting was better inter-school relations.

The final outcome of the meeting might be summed up by saying that there is little change in the chaperonage system. Each fraternity still is responsible for posting party dates at the three schools and for getting their chaperones approved.

However, as a result of the meeting it is possible now to use young married couples as chaperones. Perhaps if next year's IFC takes up the fight where we leave off this year a happier solution can be reached. We all owe a vote of thanks to the Investigation Committee.

Dance Plans

The original plans for the IFC to sponsor a "bang-up" dance at Mid-

winters and let the June finals assume a minor role, have been tempered slightly. We will have a big big Midwinter dance and the finals will not suffer. The Midwinters are scheduled for Feb. 27-28 at the Raleigh Memorial Auditorium.

"Operation Spirit"

"Operation Spirit"—here's an interesting movement about which State College will hear much in the next few months.

"Operation Spirit" began when the presidents of every student organization met to dig into the problem of the lack of school spirit at State College. We are prone to talk it up when we win and frown when we lose.

The purpose of "Operation Spirit" is to have us pull hard for our teams whether they win or lose. The plan is sponsored by the Campus Government Promotions Committee. Tommy Ward, Pika, is chairman.

The movement will sponsor many bits of halftime entertainment. Jump, if they call your fraternity for help. Let it not be said that State College fraternities have not always played a vital role in "Operation Spirit."

N. C. Holiday Season Attractive

A round of varied activities from the mountains to the seacoast will "Events" calendar crowded from now through the Christmas holidays.

Hunters are flocking to North Carolina to shoot bear, deer, boar, squirrels and waterfowl during open seasons which extend through December or into January, with local exceptions. At Pinehurst you can shoot for a turkey with a golf club when the Thanksgiving Day hole-in-one Turkey Shoot is held. From November 27 until January 31, the statewide season on turkey,

quail and rabbit is open. The statewide season on mink, muskrat, otter, pheasant, ruffed grouse, raccoon and opossum extends through January 31. Local exceptions are to be noted for hunting all these game birds and animals.)

At Southern Pines, Sedgewick and Tryon, foxhunters in their best pink coats and black hats assembled on Thanksgiving Day for formal hunt meets. Thereafter, there are fox hunts twice or three times weekly until late spring.

Christmas festivities begin early and end late in North Carolina, where at least one community (Rodanthe on the Outer Banks) still observes Old Christmas January 6, as well as the December 25th Christmas. On December 1 at Wilmington, some 4,000 lights will blaze on the world's largest living Christmas tree: a 75-foot-high water oak in the heart of this beautiful coastal city.

At Winston-Salem, the traditional Moravian Candle Tea and Christmas Putz exhibit will be held at the 184-year-old Brothers House on Salem Square on December 3-6. The Home Moravian Church holds its impressive Christmas Love Feast December 24. All over the city, housewives are baking Christmas cookies and buns, or making candles and stars in the Moravian tradition.

Three golf tournaments will be held at Pinehurst in December: the Southern Seniors Championship December 5-7; the CGA Golf Tournament December 14; and the 5th annual Donald J. Ross Junior Tourney December 29.

North Carolina has its share of bowl games at the end of a full schedule of inter-collegiate football. These include the 6th annual Optimist Bowl game at Asheville November 27; the 16th Shriners All-Star game in Charlotte December 6; and the Pythian Bowl game at Salisbury December 13.

Intercollegiate basketball highlights include: Vanderbilt vs. Duke at Durham Dec. 1; Washington & Lee vs. N. C. State at Raleigh Dec. 4; Wake Forest vs. Duke at Durham Dec. 6; and Dartmouth vs. N. C. State at Raleigh Dec. 27. The Dixie Classic Invitational Basketball Tournament will be held in Raleigh Dec. 29-31. North Carolina has so many colleges and universities offering top grade basketball that almost anywhere in the state is within a short drive from a good game.

On December 17 the Outer Banks area celebrates the 49th anniversary of the Wright brothers' his-

Refined Oil Contest

At the request of students and professors throughout the country the deadline for essays on "The Advantages of Re-Refined Oil" has been moved up from December 31, 1952, to March 31, 1953. Deadline has been extended in order to facilitate more thorough research on the part of the undergraduate students entering the contest.

Prizes

First prize, \$250.00; second prize, \$100.00; third prize, \$50.00; fourth prize, \$50.00; fifth prize, \$50.00.

Contest Rules

1. Essays must be no shorter

tory-making airplane flight from Kill Devil Hill.

An informal horse show will be held at Pinehurst December 28. The year 1953 will be ushered in with appropriate balls and parties in most of the state's cities. Asheville plans its 28th annual Children's Welfare Ball for December 31.

than 1,000 words and no longer than 2,000 words. Manuscripts must be written on one side of the page. Name and address must appear on each page.

2. Papers must be submitted: Contest Committee, Association of Petroleum Re-Refiners, 1917 Eye Street, N.W., Washington 6, D. C. Enclose stamped, self-addressed envelope if you desire manuscript to be returned.

3. Students desiring to enter the contest may secure a list of companies engaging in re-refining of lubricating oil and a summary of available data by writing to the Association. Enclose self-addressed, stamped envelope for reply.

4. Under the new rules the contest closes midnight, March 31, 1953. Entries must be postmarked no later than midnight, March 31.

5. All entries become the property of the sponsor, the Association of Petroleum Re-Refiners.

6. Decision of the judges is final. In case of tie, duplicate prizes will be awarded.

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*Walter Tydon, widely known aviation engineer and aircraft designer and veteran of 25 years in aviation, is Chief Engineer of Fairchild's Aircraft Division.

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New Curriculum Diversifies Engineers

By EDITH PILCHER

A popular notion about the engineer is that he knows his math and mechanics all right, but when it comes to politics or poetry he knows little—and cares even less.

This picture of the engineer, however, will not fit the recent graduate or current student of the School of Engineering at North Carolina State College. He is, of course, thoroughly trained in the fundamentals of engineering, but at the same time he has completed a carefully planned sequence of studies in the humanities and social sciences which has run parallel to his technical courses during his four years at college.

In his non-technical work, the budding engineer studies such fields as the masterpieces of American and world literature, European and American history, modern economic principles and practices, modern sociological analysis, and political parties and pressure groups.

The dean of engineering, Dr. J. H. Lampe, is convinced that the best technical schools must teach their students not only how to make a living, but also how to make life worth living. As society places more and more responsibility on the engineer, Dean Lampe points out, the schools have a greater responsibility to turn out men who have a fuller understanding of the relationship between their own work and other areas of human endeavor. It is a guiding principle of the sequence that good citizenship and a sense of responsibility spring from this breadth of knowledge and understanding.

The sequence of non-technical studies was initiated in 1949 and is under the direction of Dean John Shirley of the School of General Studies and Dr. George A. Gullette, head of the Department of Social Studies. The staff of teachers are all specialists in their own fields, but men who are committed to the importance of general education for technical students.

The entire program is frankly experimental and under constant study, for all the courses are especially designed to fit the needs of the student. The boldest departures from the usual undergraduate course, however, are the first year course, "Contemporary Civilization," and the final capstone course, "Contemporary Problems."

First Year Course

The first year course serves as a framework for the entire sequence. In place of the conventional study of political and social history in chronological order, the focus of attention is on the history and philosophy of science and technology. At a minimum the student learns something about the origin and development of those parts of the past he is professionally interested in. But this is not all.

There have been in the last 1,000 years three distinct and quite different views of physical nature and the universe: the Aristotelian view, which dominated thought throughout the Middle Ages and up to the beginning of the seventeenth century; the Newtonian view which has dominated thought up to the present time; and the Einsteinian view which appears destined to modify the Newtonian view in the future.

Each of these views has had a marked influence on the political, economic, religious, and artistic activities of the period, and it is the attention paid to these relationships between science and other fields that is the key to the success of the course.

When he has completed the course, the student has lost some of his traditional sense of isolation and has begun to see that the modern engineer and the modern painter, to take one example, are conditioned by the same conceptions of time and space and physical laws, and that they have much more in common than is popularly supposed.

Senior Course

The "Contemporary Problems" course, two quarters in length, is taught during the senior year as a

capstone to the preceding courses in the series. It encourages the students to apply the background of information they have accumulated in previous courses and in outside reading. It concentrates on developing the students' ability to think constructively and critically about problems existent in the world today.

The course undertakes the study of problems which are basic and recurrent in our society, and of which there are frequent illustrations in current, news developments. The first quarter is restricted to national issues, centering around the fundamental consideration: "Authority and the Individual." This year the introduction to this study includes the reading of George Orwell's novel "1984"—a view of life and of reason in a completely totalitarian society. The second quarter of the course is devoted to international issues, centering on the theme: "Peace or War."

Most problems are presently introduced to the students by a debate between two staff members who present opposing viewpoints on the issue. The staff makes every effort to present all viewpoints fairly and to allow the students to form their own opinions. The class meets twice more in small discussion sections in the week following each lecture period. The students are encouraged to ask questions, to express their own ideas, and to discuss and criticize reading assign-

ments. Their texts are timely readings in *The New York Times* and *The New Republic*, which are chosen as representatives of diverse viewpoints.

Typical issues considered have been: "Is the Government Loyalty Program a Threat to Individual Rights?" "Do Big Governmental Activities Endanger Individual Liberties?" "Individual Freedom in Movie-Making," and, in the international realm, "The Communist Attack on the West," "England and the Empire," "India," and "China and Korea."

Many other engineering schools look to North Carolina State College as a leader in this development. Far-sighted engineers and educators everywhere are largely agreed that the technical man, no less than people in other professions, must be broadly educated and well-informed in order to properly play his decisive role in today's world.

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Editorial

A Lot of Hate?

"It is my observation that a great deal of energy has been expended at State College in hating Chapel Hill," so said Greater University President Gordon Gray at a dinner for members of the Campus Government held last May.

A statement so startling was bound to provoke comments which were equally startling. A few listeners scoffed at the idea; others murmured, "well, I never!"; a few eventually arrived at a sensible evaluation of the remark. Why, in the name of Heaven, would anyone at State College trouble themselves to spend perfectly good time and energy hating Chapel Hill? Has not perhaps a spontaneous rivalry been misinterpreted as a deeply entrenched agitation, or is this rivalry more than "surface stuff"? Hate is a strong word, but even so it is generally conceded that no one at State has wasted any love, unless directed towards a coed, on the Chapel Hill populace.

On the assumption that Mr. Gray's observation has been an accurate one, let's investigate further. He might be right.

To put a finger squarely on one or two major points of conflict between the two institutions would be next to impossible. The little things, the seemingly insignificant aspects of the disparity are therefore those to consider.

To begin—the State College student, more often than not, comes from a social and economic strata which is below that of his Chapel Hill counterpart. At State College he is exposed to curriculums mainly technical and scientific as opposed to those general and academic at Chapel Hill where the leaning has been towards liberal arts—previous to the establishment of the law and medical schools.

Although North Carolina is primarily an aggregation of rural communities, its industry is making tremendous advances, the potential of which appears unlimited. State College is geared to train and edu-

cate men who will be equipped to grab this industrial potential bull by the horns and throw it for a loop.

Without exaggerating it would be safe to say, that dollar for dollar, the money invested in State College and its population will bring a return far in excess of that realized from the monies expended at Chapel Hill.

True, the State man does not dress as well as his Chapel Hill Brethren. In most cases he cannot afford to, and there is also the practical aspect of dressing for the occasion. The State man is engaged in work which does not allow him to romp about the campus in grey flannels and cashmeres all week as the Chapel Hill student does. Also, the knowledge that the Chapel Hillians are not exposed to the advantages of Saturday classes has never had a particular appeal to the struggling fellow in West Raleigh.

At State there is no group which dedicates itself each year to seeing which of their number can sport the first new convertible. And while there are more cars on the State campus than there are decent paths, you will have to look long and hard to find as many Caddy's and other high-priced models in the chrome-plated bumper brigades which cluster in the streets at "the Hill."

Is it not logical, even expected, that the UNC man would tend to frown upon his ungainly country cousin? He might even harbor a bit of pity for him, for being exposed to the "cold, technical" atmosphere which, in his mind, characterizes State College. While the State man is being prepared for a useful place under the Carolina sun he

may not become imbued with all the "kulchah" which the Chapel Hill people reek of, but he is not disdainful of the care-free academic attitude which is manifested by the general Chapel Hill crowd, i.e., to institute Saturday classes would be to interrupt a weekend which begins on Thursday and ends on Tuesday.

While the Chapel Hill campus is by no means the most beautiful or best laid out in the South, it is at least more presentable than the unsettled looking West Raleigh landscape. It must be pointed out however, that the State campus is fast approaching maturity, and shows great promise of being attractive in the extreme.

It is conceivable that the State fellow might envy the Chapel Hillian on the matter of coeds. State is coed-starved. Carolina has a liberal, but unappreciated feminine population. But, the State student has collectively, in St. Mary's, Meredith, and Peace, a date pool with far greater depth than that at Carolina, and it is a known fact that the girls from W. C. prefer to date State men.

Shall we go on? There is a prickly thorn in the side of the athletic enthusiasts who are forced to attend State's home football game in Bee-you-ti-ful Keenan Stadium, and pay extra for it to boot. And again, if Statemen ever sought justification for nurturing a grudge against Carolina, they certainly had one when the results of the State-Carolina swim meet were announced last spring. There follows an account of the meet which appeared in the Raleigh Times. It is self-explanatory:

THE TIMES sports department has received several phone calls since Friday asking why this paper did not give better play to Carolina's win over State in last Thursday's swimming meet.

One caller asked if the brief account was sarcasm, intended to belittle the win.

I told the caller just as I will tell anyone else that it was. The lead to the story said the Carolina swim team was credited with a win. It intended to mean just that. If ever a meet and a victory had their bad points, this was one. Folks at State College are burned up. They believe with fairer decisions by the judges State would have won. Certainly there can be no pride at Chapel Hill in such a victory.

Why Carolina, which stresses sportsmanship above winning for all sports, should conduct such a meet in this manner is not known but rest assured any such contests, no matter how important, of this variety will never be given any larger amount of space on these pages. Fair play and honesty are backbones of athletics. Once this principle is neglected. The sport loses everything.

One of the victims was State's Billy Churn, a Raleigh boy whom I know personally as one of the finest gentlemen on any team in this area. Billy thought he had won the 50 yard freestyle by six or eight inches, yet, the judges did not credit Billy with first, second or third place. How can Carolina take pride in such victories? State's Willis Casey is to be commended for his conduct after the defeat. No one could have blamed Casey had he blown his stack with critical comments for the papers and radio.

As a point of information, movies were taken of the meet by Carolina photographers. It is significant that when members of the State team requested to see the films, they were politely but firmly refused the privilege. What was Carolina hiding?

Back on the athletic subject again . . . perhaps now would be an opportune time to mention something in conjunction with the inter-collegiate rivalry between State and Carolina being too intense. Since State College has succeeded in stomping all over Carolina for the past six years in basketball, (and that must pain them), would it not be wise to drop Carolina from the basketball schedule and

Faculty Appointments

Five appointments, 23 promotions, and eight resignations of faculty and staff members at North Carolina State College were announced today by President Gordon Gray of the Consolidated University of North Carolina and Chancellor J. W. Harrelson of State College.

The faculty and staff changes were approved by the executive committee of the Board of Trustees at its meeting on November 10.

The following were appointed to positions on the State College staff and faculty:

Carolyn Jessup, as social director, College Union. She is a native of Gates County and attended East Carolina College, where she received a B.S. degree, and the University of North Carolina in Chapel Hill, where she was awarded a master's degree.

Laurence S. Hensley, as assistant professor, Department of Civil Engineering, School of Engineering. Formerly of Durham, he was born in Milton, W. Va., and was graduated from Marshall College and West Virginia University.

Dr. Moyle E. Harward, as research assistant professor of agronomy, Department of Agronomy, School of Agriculture, replacing Dr. Harold Evans who transferred to the State College Division of Biological Sciences. Dr. Harward is a graduate of North Carolina State College, Brigham Young University, and the University of Massachusetts and is a native of Aurora, Utah.

Dr. James R. Dogger, as research assistant professor of entomology, Division of Biological Sciences, School of Agriculture. Dr. Dogger earned his B.S., M.S., and Ph.D. degrees from the University of Wisconsin and was born in Milwaukee, Wis.

Dr. Guy Langston Jones, as assistant professor of agronomy, Department of Agronomy, School of Agriculture, replacing Dr. Samuel L. Tisdale. Dr. Jones, a native of Lenoir County, received his B.S. degree from North Carolina State College in 1947, his M.S. degree from the same institution in 1950, and his Ph.D. degree from the University of Minnesota in 1952.

Promotions have been approved for the following 23 staff and faculty members:

Gloria Whetstone, from assistant catalog librarian to serials cataloger, D. H. Hill Library; William McC. Neale, Jr., from instructor to assistant professor, Department of Mechanical Engineering, School of Engineering; Charles Frederick Lewis, from instructor to assistant professor, Department of Mathematics, School of Engineering.

Anna Mae Harris, from instructor to assistant professor, Department of Mathematics, School of Engineering; Thomas B. Ledbetter, from instructor to assistant professor, Department of Mechanical Engineering, School of Engineering; John K. Whitfield, from instructor to assistant professor, Department of Mechanical Engineering, School of Engineering.

Robert Brice Cochran, Jr., from

thereby alleviate a great deal of the hypertension between the two male components of the University Tri-umverate. Surely such a move would promote harmony in the family threesome.

That about exhausts the arguments pro and semi-pro, and leaves room for the following wind-up. Gordon Gray's serious remark has promoted a great deal of thinking. What conclusions have been reached? Maybe this is representative.

As North Carolina was referred to by proud natives as "that vale of humility between two mountains of pride and conceit," so may Chapel Hill be regarded as "that mountain of pride and conceit between two vales of humility," (State and the Women's College). Enough said.

instructor to assistant professor, Department of Diesel and Internal Combustion Engines, School of Engineering; E. T. York, Jr., from associate professor to professor, Department of Agronomy, School of Agriculture; B. F. Cox, from associate professor to professor, Department of Poultry Science, School of Agriculture.

W. W. McPherson, from associate professor to professor, Department of Agricultural Economics, School of Agriculture; H. F. Robinson, from associate professor to professor, Department of Experimental Statistics, School of Agriculture; Frank A. Haasis, from research associate professor to research professor, Division of Biological Sciences, School of Agriculture.

C. E. Bishop, from assistant professor to associate professor, Department of Agricultural Economics, School of Agriculture; Charles W. Jennings, from assistant professor to associate professor, Department of Chemistry; Cornelius H. M. Van Bavel, from research assistant professor to research associate professor, Department of Agronomy, School of Agriculture; Warren S. Barham, from research assistant professor to research associate professor, Department of Horticulture, School of Agriculture.

F. J. Hassler, from research assistant professor to research associate professor, Department of Agricultural Engineering, School of Agriculture; W. F. Babcock, from associate professor to professor, Department of Civil Engineering, School of Engineering; Charles Smallwood, Jr., from assistant professor to associate professor, Department of Civil Engineering, School of Engineering.

Mehmet E. Uyanik, from assistant professor to associate professor, Department of Civil Engineering, School of Engineering; Wilhelm F. Gauster, from visiting professor to professor, Department of Electrical Engineering, School of Engineering; George Washington Middleton, from instructor to assistant professor, Department of Engineering Mechanics, School of Engineering; and Dame Scott Hamby, from assistant professor to associate professor, Department of Yarn Manufacturing, School of Textiles.

The resignation of the following eight staff members was reported:

W. D. Plengey, instructor of electrical engineering; Frank R. Craig, instructor of poultry science; Louis A. Kish, instructor of mechanical engineering; Charles B. McCants, research instructor of agronomy; Dr. Lee Gildart, assistant professor of physics; Dr. Russell Hazelton, associate professor of chemical engineering; E. R. Kirk, research associate in the Department of Engineering Research; and Prof. I. L. Williams of the Department of Agricultural Engineering.

Think football and basketball are over-emphasized? A survey by the Eastern Collegiate Conference, embracing near all top colleges in the East, determines that over-long practice times are devoted to lacross, golf, tennis, wrestling, fencing and rowing. Basketball and football aren't in the same league, they say.

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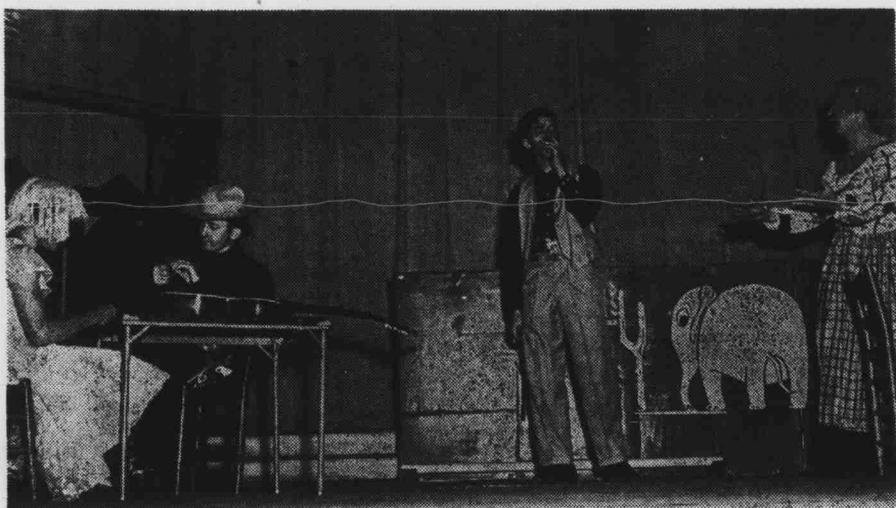
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SPE - "The Saga of the Spiked Spitoon"



In this scene from "The Saga of the Spiked Spitoon," the boys from Sigma Phi Epsilon reveal their prize-winning technique. That's Parelli, who was sassed, and Skipalong, whose work was piling up at the stable, seated together at the table. (Photo by Aubrey Pope)

Christians in making the Will of Christ effective in human society and extending the Kingdom of God throughout the world."

Secretary King recites the purposes and services of the State College "Y" as follows:

"The YMCA seeks to carry out its purpose by a three-fold program, one for upperclassmen centered in the YMCA building, one for freshmen centered in Tucker Social Room and one for married students and their families centered in the West Campus YMCA in Verville, and also thru the services which are maintained for the benefit of students, faculty and the community. The YMCA strives to

fill needs not being met by other organizations. Many of these could be met by purely secular organizations. However, we believe that if these services are rendered in a spirit of goodwill and helpfulness and respect for people, that is putting the Christian spirit into services rendered.

Keep alive your faith in the ultimate victory of good over evil by remembering this wise old truism: "There is not enough darkness in all the world to extinguish the light of on small candle."

"Is your husband a bookworm?"
"No, just the ordinary kind."

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WHISPERING PINES
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YMCA—
(Continued from Page 1)
first game was played here in the autumn of 1909 between N. C. State and Wake Forest.

Physical Improvement
One of the most significant permanent improvement projects of the YMCA was concluded this past summer. The lobby was completely redesigned and renovated, giving it a modern appearance in every respect.

The project, sponsored by the YMCA's Board of Directors headed by Prof. M. E. Gardner, was completed at a cost of approximately \$8,500.

Those familiar with the old furniture and time-worn design of the lobby would never recognize the sparkling new lobby, which includes brand new light fixtures, new furniture, and other glistening appliances.

The designers were Duncan Stuart and George Matsumoto, faculty members in the State College School of Design. Prof. T. C. Brown, a faculty member in the Department of Mechanical Engineering and a veteran member of the "Y" Board of Directors, supervised the project.

Members of the Board of Directors, in addition to Professor Gardner and Brown, are Dean of Students E. L. Cloyd, John A. Park, David C. Worth, Prof. L. L. Vaughan, Prof. W. N. Hicks, Dr. Ralph W. Cummings, former Dean B. F. Brown, Prof. Fred B. Wheeler, Dr. J. M. Clarkson, and former Dean Thomas Nelson.

Student officers during the current school year are William E. Fulcher, Leaksville, president; Howard A. Wells, Winston-Salem, vice president; Charles A. Fulp, Winston-Salem, secretary; and Roy E. Congleton, Chadbourn, treasurer.

Staff

The staff of the College YMCA is composed of Edward S. King, general secretary; N. B. Watts, associate secretary; E. W. Rogers, assistant secretary; Mrs. L. W. Bishop, office secretary; and Mrs. Nancy Frazier, assistant office secretary.

As stated in its constitution, the purposes of the YMCA are outlined as follows:

"In the fellowship of the Christian Church, we seek to understand the Will of God through worship, study and action, and strive to realize it both in personal living and in working toward a Christian society. We seek to lead students to faith in God through Jesus Christ, we seek to lead them into membership and service in the Christian Church, we seek to promote their growth in Christian faith, especially through the study of the Bible and prayer; and we seek to influence them to devote themselves in united effort with all

THE DU PONT DIGEST

Plant and Equipment Design and the Engineer

At Du Pont, men with many types of training translate laboratory developments into full-scale production



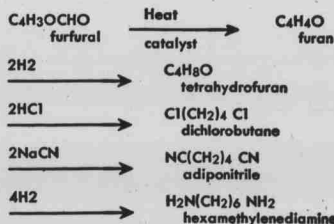
Roger Jones, B.S. in Chem., Haverford College '52 (right), and operator check temperature control in the conversion of furfural to furan.

Among the most interesting fields for engineers at Du Pont is the design of plants and equipment.

It takes ingenuity of a high order to translate a small-scale laboratory operation into all-out commercial production. Design engineers cannot always use purchasable equipment to scale up research findings, even with considerable adaptation. About half of the time at Du Pont, entirely new equipment must be designed because of the novelty of the process developed by research.

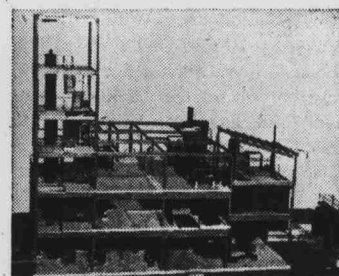
For example, a number of unusual problems were involved in designing the equipment and plant for a process in which hexamethylenediamine, one of the intermediates for nylon, is made from furfural, derived from such agricultural by-products as corn cobs and hulls of cottonseed, oats and rice.

In this conversion, these steps are involved:



Here are some of the special problems that were encountered:

1. Design of equipment with close temperature control for converting furfural to furan. The design finally settled on employs a large number of tubes containing a catalyst, with a coolant circulated around them. Special sequence



Scale model of a part of the plant where adiponitrile is made from furfural.

timers were devised for operation of the valves controlling production and regeneration cycles.

2. Design of high-pressure agitated autoclaves for the hydrogenation of furan to tetrahydrofuran.

3. Selection of corrosion-resistant equipment for the hydrochlorination of tetrahydrofuran to dichlorobutane at high temperatures.

4. Design of a unique five-step distillation train to obtain high-grade adiponitrile without trace impurities.

Although most of these problems involve a great deal of chemical engineering, also needed on the designing team were mechanical, electrical, civil, metallurgical and industrial engineers. Thus design work at Du Pont is open to men with many types of training, and there is abundant opportunity for all.



E. W. Griffin, B.S. in M.E., Duke; M.S. in Ind. Mgt., Georgia Tech '52 (right), instructs operator in handling of vapor-tight horizontal vacuum filter used in separating adiponitrile from sodium chloride.

NEW BOOK. Send for "Chemical Engineers at Du Pont," just off the press. Explains opportunities in research, development, production, sales, administration and management. Address: 2521 Nemours Bldg., Wilmington, Del.



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Views and Previews

JERRY ARMSTRONG, Sports Editor

State Freshman Team Looks Terrific

The talk going around about the Freshman Pack being one of the greatest in the nation seems to be becoming more evident everyday. They surely did impress me in their first game with the middies of Newport News as they all but had a practice, scoring 81 to the middies 34. Another promising factor in this game was the fact that they played without the aid of 6-7 Center Ronald Shavlik.

Top scorer for the Freshmen in the first few games has been guards Vic Molodet and Whitey Bell. Against the Varsity Molodet racked up 16 and Bell 15. Lou Dickman, Dave Kelly, and Phil Dinardo have been alternating on the forwards and doing a bang-up job on the backboards and the net. Filling in the center spot has been pivot-man, Eddie Juratic, who shows signs of giving Shavlik plenty of competition for the position.

Tomorrow the young pack takes on the freshman team from Davidson and are out to add another victory to their record. Be sure and see them in action.

Crawford Drilling Team for First Notch

Coach Al Crawford has been working hard with his Pack Wrestlers to get them in shape for their first match with Maryland on January 9. He has only seven returning lettermen on this year's team, so he has a big rebuilding job to do. But he still thinks he will have a fine team if some of his new boys show some progress.

Swimmers Rounding Into Shape

Coach Casey has the prospects of the finest swimming team he has ever coached this year with ten returning lettermen. With such outstanding stars as medley star Bobby Matson, free-styler Frank Nauss, and backstroke artist Tommy Dunlap, this should prove to be a great year for the "pool men."

The first swim is scheduled for December 11 with the Duke Blue Devils, and the second for January 16 with Georgia Tech.

Coach Everett Case, after the Furman game commented, "I think that the school spirit shown tonight was the best I have witnessed during my days of coaching the basketball team and I would like to express the appreciation of the team and myself to the students and the members of the "Operation Spirit Committee" for their fine work.

Also Ed Storey remarked to me that many of the sports writers present were impressed with the cheering and backing up of the team, that was shown by the students.

I would like to just back up the statements made by the commentators above and say that I think that the school spirit was "just great" and let's make every game from now on the same.

Harriers Take Tenth

Success, mishaps, and that "ole college try" were three things that played important roles in the taking of tenth place by the Wolves of Coach Fitzgibbons, in the National Cross-Country Meet in East Lansing, Michigan last week.

The success came when Buz Sawyer ran one of the hardest races in his career to take ninth place which beat his last year's record by about fifty places. Buz started the race with a burst of speed and determination which he (Continued on Page 16)

Underdogs By 21

A predominately freshman backfield will carry N. C. State's hopes against the Red Raiders of Texas Tech tomorrow afternoon in Lubbock, Texas as both institutions wind up their 1952 schedules.

Halfbacks John Zubaty and Bob Tacker, both first year men, and Quarterback Eddie Frantz, a 170-pound freshman passer, will be in the State starting lineup, which also will include Sophomore Don Langston, the squad's leading ground gainer.

Zubaty, a 178-pounder from Blairsville, Pa., and Tacker, a 168-pounder from Stiles, Pa., have impressed State coaches in work this week for the Tech encounter and both probably will draw starting nods. Neither has seen any extensive action this year, although Tacker has started three previous games.

Langston, a 197-pounder from Lexington, Ky., has been the backbone of State's offense this year. In nine games he has gained 507 yards rushing alone for an average of 5.9 yards per try. He has been far and away State's most consistent runner during the season.

Frantz has been up and down this year, playing his first four weeks on the junior varsity, then moving up to the varsity for the Pittsburgh game after being out with a knee injury. Frantz hit on 17 of 23 passes against Pittsburgh and cinched a varsity job. He turned in another good job against William and Mary two weeks ago, passing for the only touchdown State managed to score.

Several other freshmen loom as important men for the Texas Tech game. Halfback Dick Keiver of Swampstock, Mass., who has been a jayvee standout, likely will work

behind Tacker for the Tech game. In the line three freshmen are certain to start with Tackles C. M. Price and Henry Spivey and End Finley Read all working on the offensive unit.

Passing may be a key to State's offense this week for the Wolfpack will not have the powerful backs to run over the veteran Texas Tech line. The aerial game will be manned by Quarterbacks Carl Wyles and Eddie Frantz and two halfbacks, Eddie West and Alex Webster. All can throw well and should give Tech's pass defenders some pretty busy times.

State has suffered six defeats in nine outings to date and defensively the Wolfpack has found the going rough. Georgia, Duke, Pittsburgh and William and Mary defeated the Wolfpack by more than 30 points, Duke ran up a 57-0 win, Georgia by 49-0, Pittsburgh by 48-6 and William and Mary 42-6. Other losses were by 39-0 to George Washington and 21-6 to Wake Forest.

On the other side of the ledger, however, State held its own against teams of comparable strength, beating Davidson 28-6, Florida State, 13-6 and Washington and Lee 25-14. Only lack of experience and manpower kept State from (Continued on Page 16)

Cagers Blast Furman 77-69

After being picked second in the nation by *Look Magazine* the Pack lived up to their reputation against the purple tide from Furman University in their first game by taking an impressive win 77 to 69.

As the game started State was slow in starting to roll but then guard Dave Gotkin started to hit from all directions and was soon aided by teammate Mel Thompson who made several nice hook shots. Furman's Neil Gordon seemed to have control of the backboards but State still led at the end of the first period 28 to 18.

State's offense caught on fire early in the second period with shots from everywhere by Gotkin, Thompson, and Kukoy. Also the defense started to click as Eddie Morris all but bottled up the elusive scorer Frank Selvy who averaged around 20 points per game last year for Furman. The half ended with the pack holding a commanding 47 to 28 lead.

Furman started strong the opening of the second half with the "blond bombshell," Neil Gordon (Continued on Page 16)



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fads and screwball styles. But he does go for smartness, good workmanship... and above all, value.

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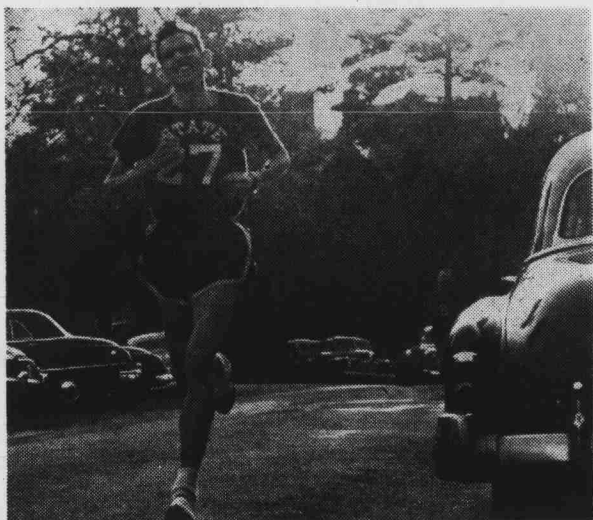
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Shirts, neckwear, underwear, pajamas, sportshirts, beachwear and handkerchiefs



Pictorial Conference Cross-Country Meet

Up the Last Hill



Coming up the last hill followed close behind by Garrison is Buz Sawyer, who ran the race with his heart in it.

The Winner Finishes



Buz led the race all the way and here he is finishing like the real champion he is.

COURSE

Start

1 Mile

2 Miles

3 Miles

4 Miles

Finish

State Wins

Refreshments for the Boys



TECHNICIAN Sports Editor, Jerry Armstrong, was on hand to cut the championship orange for the champ, Buz Sawyer.

Short Summary

By JERRY ARMSTRONG, Sports Editor

This was the second consecutive year the Pack Harriers of Coach Fitzgibbons have won the Southern Conference Cross-Country Championship Meet along with the dual meet championship.

In last year's race Captain Clyde Garrison won the first place and Buz Sawyer came in seventh but the difference this year has been the determination Buz has to win.

Last week Buz showed he is one of the great runners in the nation at this time by taking ninth place in the national race in East Lansing, Michigan.

The first five men to finish for State in the conference meet were: Buz Sawyer, Clyde Garrison, Joe Shockley, Dave Miller, and Darrell Winslow.

Fitz With His Boys



Coach Fitzgibbons may not show it but at this time he was one of the proudest coaches you'll find of any athletes anywhere.

The Harriers With The Trophies



Here is Coach Fitz and his first five runners. Shown along with them are the twenty odd trophies given away at the meet.

HARRIERS TAKE TENTH—

(Continued from Page 14)
he held all through the race coming in only behind eight men.

Mishaps were the most pronounced factors, the most tragic one going to Captain Garrison, who was literally trampled on by the other runners when he lost his balance going around the first turn. On the course at Michigan the start of the race begins with a sharp curve where all the runners converge at one time and it was here that Garrison lost his balance and was pushed down a small hill where he had to run back up and catch up with the rest of the runners. At the half mile mark he was about ten yards behind the last man and there were about 180 runners in the meet. He then started to show some of his great running ability as he passed around 120 runners to take 61st place, which under the circumstances was terrific.

That "ole college try" was shown by all five men on the team—Captain Clyde Garrison, Buz Sawyer, Joe Shockley, Dave Miller, and Darrell Winslow.

This was the end of Clyde Garrison's cross-country college career but all of the four other men will be back next year, so hopes are high for another great team.

FURMAN-STATE GAME—

(Continued from Page 14)
grabbing the ball nicely off both backboards, and some fast field goals by Frank Selvy the Furmaners closed the gap within 10 points difference. But State's defensive play started to click again and Gotkins and Kukoy continued to hit shots which gave the Pack a lead at the end of the third period 61 to 48.

The game was just about the same until the last three minutes when Furman tried to start a last quarter rally. They moved the score within six points with about a minute to go when Paul Brandenburg dropped a shot in which all but clinched the game. The remaining minute State put on the freeze by some fancy dribbling by Dave Gotkin and the whistle sounded ending the game—State 77 to Furman 69.

TEXAS PREVIEW—

(Continued from Page 14)
posting a more impressive mark. Morale has remained good all the way and a number of top prospects for the future have been uncovered.

Texas Tech with 38 lettermen will have a big experience advantage over State. The Raiders have a mediocre 2-6-1 record, but have caught fire in the past three weeks to tie Hardin-Simmons, whip Arizona and hold heavily-favored Tulsa to a narrow 26-20 victory. Tech's improvement is a big reason why they'll be prohibitive favorites over the Wolfpack.

Nine seniors will be playing their final game for State at Lubbock. They include Ends Steve Kossila, Bob Dentz and David Butler, Linebackers Harvey Yeates and Captain Ray Barkouskie, Tackles J. C. Britt and Jim Hillman, Half-

back Alex Webster and Fullback Dick Spritz.

State will be meeting an old friend on the Texas Tech campus when they arrive. Line Coach Wade Walker of Gastonia, N. C., former All-America tackle at Oklahoma, coached many of the State squad men when he was Freshman mentor at State two years ago. Walker is in his second season with the Red Raiders.

The meeting with State will be the first time Texas Tech has tackled the Wolfpack in football, but last year the Red Raider

G.I. INSURANCE

(Continued from Page 3)
ing their area, so that a veteran can generally get promptest service by writing to that office. If he sends his letter to the VA headquarters in Washington—it must go through the great mass of correspondence handled there and usually be forwarded back to a Regional Office, which means some delay in getting a reply to the letter.


basketball squad upset Coach Everett Case's Wolfpack cagers, 63-62 in the final seconds in Raleigh.

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Elizabeth Lydon DUKE '51

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A responsible consulting organization reports a study by a competent medical specialist and staff on the effects of smoking Chesterfields. For six months a group of men and women smoked only Chesterfield—10 to 40 a day—their normal amount. 45 percent of the group have smoked Chesterfields from one to thirty years for an average of ten years each.

At the beginning and end of the six-months, each smoker was given a thorough examination including X-rays, and covering the sinuses, nose, ears and throat. After these examinations, the medical specialist stated . . .

"It is my opinion that the ears, nose, throat and accessory organs of all participating subjects examined by me were not adversely affected in the six-months period by smoking the cigarettes provided."

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