

UNION EVENTS

Feb. 5-12.
 Fri. Feb. 5.—7:00-10:00 p.m. Dance Lessons. Group and Individual Gym.
 8:00 p.m. Illustrated Lecture. Max Gene Nohl, "I Live on the Bottom of the Sea." Admission: Student Registration Card—Dates Free. Faculty and Staff by College Union Membership Card. Otherwise \$1.50 per person.
 Sat. Feb. 6.—2:00 p.m. and 8:00 p.m. Movie, "The Grapes of Wrath."
 Sun. Feb. 7.—3:00 p.m. Record Concert Hour.
 8:15 p.m. Movie. "Grapes of Wrath."
 Mon. Feb. 8.—7:30 p.m. Book Talk.
 Wed. Feb. 10.—7:00 p.m. Bridge Lessons. Field House.
 Fri. Feb. 12.—7:30 p.m. Carnival Night. Frank Thompson Gymnasium.

Rules For CU Building Being Made

Members of the House Committee of the College Union are busy at the present time working out the rules which will govern the use of the new College Union Building which will open in the fall of '54. Any student who is a member of the College Union is invited to attend the meetings of this committee next Monday and on succeeding Mondays at 7:00 p.m., in Room 135 of the 1911 Building.

After the rules are formulated by the Rules Committee, they are passed on to the Board of Chairmen for approval. Final approval must be made by the Union's Board of Directors which includes faculty, staff, and students representing various campus organizations.

The committee will consider such matters as a room-naming policy, actual rules which will regulate the use of the rooms, reservation priorities, use of the offices, T-V and radio control, equipment lending policy, and so on.

Long To Play For Military Blow-Out

By Bob Cone

Plans for the eighth annual Military Ball are well under way.

The "Ball" will be held in the Coliseum on Saturday night, April 3, with music by Johnny Long and his orchestra.

It has been said that, "the Military Ball is one of the most colorful and finest functions at State College each year." No detail is being left out and no cost is being spared to make it a successful affair.

Jackie Dougherty, Military Ball chairman has announced that tickets may be purchased in the classrooms, on the drill field, and in room 154 Coliseum at \$4.00 per ticket.

Christian Faith Series Begin at 'Y'

The Christian Faith Series of lecture-discussions under the leadership of Harold P. Hamilton are now being offered and are open to all students and faculty members. The time is Thursday nights from seven to eight o'clock, and the place the Conference room of the YMCA. The topic for next Thursday night February 11 is "Our Belief in the Church," and this will be followed by the one on February 18 on "Our Belief in the Bible."



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State College Station, Raleigh, N. C.

February 5, 1954



JOHN TESTER

John Tester of Lenoir, (above), a junior in the School of Forestry at North Carolina State College, has been elected by delegates from 12 Southern colleges and universities as the new conference chairman for the Southeastern Division of the National Association of College Unions. He succeeds David Phillips of Mount Olive, another State College student, who served in the regional position during the past year. Tester, a leading student, recently was awarded a scholarship set up at the college by the Southeastern Division of the American Pulp and Paper Mill Superintendents Association. He is also chairman of the activities committee of the State College Union, a position in which he is in charge of a wide range of extra-curricular functions.

Burgin Named State TV Head

Appointment of Ralph Leroy Burgin, Jr., as television program director at North Carolina State College, effective Feb. 1, was announced by Chancellor Carey H. Bostian.

A native of Charlotte and former resident of Raleigh, Burgin has resigned his position as television program manager for the National Broadcasting Company in Washington, D. C., to accept the State College assignment.

He will be N. C. State's first TV program director.

Burgin's appointment has been approved by President Gordon Gray of the Consolidated University of North Carolina and the executive committee of the board of trustees.

Chancellor Bostian reported that

State College is pushing plans to utilize television as an educational medium through the Consolidated University's million-dollar TV station, now under construction, that a television building soon will be erected at the college, and that the college will employ a television staff to work under Burgin.

He said that Burgin will be in charge of the production of State College programs for the University's station and will produce other TV shows at N. C. State.

Widely known for his radio and television achievements, Burgin now heads NBC's TV staff of 45 employees in the nation's capital. He is responsible for classroom use of television in the schools of the District of Columbia and is currently producing classroom TV programs five days a week.

Network TV shows originating in Washington for which Burgin is responsible include "Meet the Press," "Youth Wants to Know," "The American Forum of the Air," (Continued on page 5)

AZ Book Store Open

The A-Z bookstore will open at 7:00 p.m., Wednesday, February 10th. All students having books in the store may come by at this time and check on same.

Consolidated "U" Celebration Plans Released; Music — Game — Dance

Final plans for the Consolidated University Day celebration have just been released.

At 5 p.m. February 13, buses carrying from 500 to 800 WC girls will arrive in front of Peele Hall. They will be met, it is hoped, by a delegation of State College students numbering at least 1,000.

From 5:30-7:00 p.m. supper will be served in the West side of the cafeteria for the combined group. The supper will be a "Dutch" affair.

A record concert featuring popular and jazz music will be held in Pullen auditorium from 6:00-8:00 p.m. when the State-William & Mary basketball game begins in the Coliseum. The WC delegation will have tickets before they leave Greensboro.

A dance will be held in the Armory, just east of Red Diamond from 9-12 with an orchestra furnishing the music.

Approximately 200 students from Carolina are expected to be on hand for the celebration also.

Parker Speaks At Recent Ag Club Meet

The Ag Club met last Tuesday night at 7:00 p.m. in Withers Hall with Bob Parker, a junior at State College, presenting the program.

Bob, a I.F.Y.E. delegate to Ireland in 1953, gave an explanation of the I.F.Y.E. He showed a number of slides pertaining to life and agriculture in Ireland. Parker, as an exchange, actually lived, worked, and played with Irish farm families. Bob also discussed the need for better world understanding and how it can be achieved through programs similar to these.

The program next week will be held in the YMCA auditorium at 6:30 p.m. "The Blue Jays," an all girl trio, will present a musical program.

Lost-Valued Notes

A package of notes wrapped in brown mailing paper—lost between Riddick & Cafeteria Jan. 25. Return to Dick Fuller—Box 3334 Bagwell.

SAE's Win Annual PKP Sing Contest

Sigma Alpha Epsilon was declared the winner of the annual Interfraternity Sing sponsored by Pi Kappa Phi fraternity. The Sing has become an annual affair with the sponsors presenting a cup to the winner. The judges were: Mr. Leon Jackson, Director of Music at Needham Broughton High School; Mr. Ed Benson, City Supervisor of Music, Fuquay-Varina; Mr. Ebert, Director of Music of Raleigh.

Of the seventeen fraternities on campus eligible to compete, only three participated in the event. Those competing were: S.A.E., Sigma Pi and Sigma Chi. The winning numbers presented by Sigma Alpha Epsilon were "Climbing Up the Mountain" and "Brother, Sing On." The closely competing Sigma Chi's sang "All Through the Night," "Love Me and the World Is Mine," and "Coney Island Babe." Sigma Pi, which added variety to the Sing by being accompanied with a Ukulele, sang "Four Leaf Clover" and "Heart of My Heart." Although the Pi Kapp's did not enter into the competition, they presented two numbers which were

"The Winter Song" and "The Rose of Pi Kappa Phi."

Pi Kappa Phi has sponsored the Interfraternity Sing for several years on campus in an effort to promote a closer spirit of unity among the different fraternities, (Continued on page 5)

Agronomy Club Elections Feb. 11

Election of Agronomy Club officers will be held in Williams Hall, Thursday, February 11 at 7 p.m.

James Griffin and Bob Jenkins are nominated for president; Bobby Bozemen and Shep Moore, vice-president; James Garland and Hope Shackelford, secretary; Richard Mann and Emmitt Waller, treasurer; and Dave Hopkins and Reginald Stroud, reporter.

Found-One Ring

One 14 karat gold wedding ring—owner can pick it up at the "Y" upon identifying it.

BSU Representatives Chosen For Council

Aubrey Sawyer and Ken Vaughan have been elected as State College BSU representatives on the newly organized Wake County Baptist Student Council. This Council is comprised of representatives from State, Meredith, Shaw, Wake Forest, and the Southeastern Seminary at Wake Forest. The purpose of the Council is to promote greater unity among Baptist students and to engage in activities and programs of common interest.

Billy Caldwell and J. C. Smith, two former members-at-large on the local Executive Council, have been elected secretary and reporter respectively for the BSU. They were elected to fill the vacancies of two students who did not return to State this term.

Five new members-at-large have been elected to fill vacancies on the Executive Council for the remainder of this school year. These five are Carl Coppersmith, Vann Perryman, Jack Vandenberg, Billy H. White, and Gayle Wylie.

Gala Carnival Planned By CU

The third annual College Union Carnival Night will be held on Friday, February 12, in Frank Thompson Gymnasium. Doors will open at 7:30 p.m. The program will end at 10:00 p.m. The program is sponsored by the College Union Social Committee, with all other committees sharing in the events.

The purpose of Carnival Night is to provide entertainment for students and their dates and to raise money for the Campus Government Loan or Scholarship Fund. All expenses of the program are paid by the College Union in order that all income may be placed in the Campus Government Fund. Last year approximately \$165.00 was donated. Two years ago the fund received \$211.00.

Since one of the purposes of this program is to raise money, ten cents admission will be charged all men. Dates will be admitted free. A nickel or a dime will be charged for each attraction. Refreshments will be free.

Eighteen contests, including pistol shooting, archery, baseball and football toss, and other events of skill, are planned. Booths will be operated by various faculty members. Each participant will be scored on his ability. The six high scorers for the evening in these events will receive valuable prizes.

WWWP SCHEDULE

1:59 Sign On
 2:00 1911 Club
 2:30 Les Brown Show*
 3:00 Platter Party
 3:55 News
 4:00 Eddy Duchin Show
 4:15 Tops in Jazz
 4:30 Hillbilly House Party
 5:30 Dinner Musical
 7:00 Gay Spirits
 7:30 Friday—Wayne Honky and his Ukule
 7:45 News
 8:00 London Studio Melodies*
 8:30 Mon., Wed., Fri., Tops in Pops
 Tues., Thurs., Sun., Newest on Wax
 9:00 RCA LP Hour
 10:00 Bulletin Board
 10:10 Open House
 11:00 Sports
 11:15 Here's to Veterans*
 11:30 Sunday—Evening Vespers
 Week-days—Midnight Melodies*
 12:00 Midnight Melodies*
 12:25 News
 12:30 Sign-off
 * Changes Daily

IS YOUR CU DESIGN IN?

Marine Whirley Birds Raise Fuller Dome

A U. S. Marine Corps helicopter at North Carolina State College last week lifted and air towed lightweight hemispherical structures too large for wind tunnel tests.

Two hemispheres were tested. The first tested was a 30 foot diameter, 1/2 ton, hemisphere framed of triangulated yellow pine batens covered by a plastic shell. The second was identical but was not covered.

Col. H. C. Lane, Head, Aviation Logistics Branch, Headquarters, U. S. Marine Corps, said:

"We are testing for the difference in drag between covered and uncovered hemispherical structures."

The flight test followed tests with models conducted in the North Carolina State College Aeronautical Engineering Department's wind-tunnel. The aeronautical stability of the hemispherical structures disclosed by the wind-tunnel tests indicated that, if desirable to the national defense, it would be a practical matter to move whole shelters by airlift, thus avoiding critical hours of disassembly and re-assembly at new site.

A spokesman for the Buckminster Fuller Research Foundation which is conducting a structural investigation on behalf of the U. S. Marine Corps at North Carolina State College said:

"Though we now have structures light enough and aeronautical suitable for air lift-tow, full practicality of the idea could be proven only by flight tests."

Col. Lane said that this was probably the largest dimension structures ever air lifted and that the test proved gratifying because the 30 footer was large enough to serve as a 30 man barracks.

Professor James W. Fitzgibbon, North Carolina State College Department of Architecture, coordinator of the Buckminster Fuller Research Foundation work at North Carolina State College said that these structures were large enough to enclose the space requirements of a large one family dwelling and therefore the occasion was historical because it is the first time a full size "house" had been delivered by air lift.

The difficult tests conducted over uninhabited farm lands of North Carolina State College were skillfully flown by U. S. Marine pilots Major G. W. Cox, and Major A. R. Causer, and Crew Chief Sgt. J. Westendorf, in a Sikorsky HRS-3.

The structures were designed by

Two \$2,000 Ceramic Scholarships Are Available For High School Grads

The School of Engineering at North Carolina State College announced that two ceramic engineering scholarships, valued at \$2,000 each, will be awarded this year to seniors or recent graduates of North Carolina high schools.

In making the announcement, Dr. J. H. Lampe, dean of engineering at the college, said the scholarships were established by the Brick and Tile Service, Inc., of Greensboro, an organization of ceramic industries in the State.

Dean Lampe said any graduating senior or recent graduate of a North Carolina high school or preparatory school, not having previous college training, is eligible to compete for the scholarships.

Awards, he said, will be made on the bases of a competitive written examination, a short essay on a subject relating to ceramics or ceramic engineering, and a personal interview.

The final date for the receipt of applications will be March 1, 1954.

In commenting on the scholarships, Dean Lampe said:

"The purpose of these scholarships is to encourage ambitious young people to prepare themselves for a variety of careers in the ceramic industries. Many of these industries are basic to our modern civilization. They produce a great

Buckminster Fuller for the U. S. Marine Corps and were produced by students of the Department of Architecture, North Carolina State College.

variety of products such as glass, fiber glass, grinding wheels, metal enamels, brick and tile, cements, fire brick, dinnerware, electrical and chemical porcelains, art pottery, dielectrics and cements. Exceptional opportunities exist in areas of research and development, technical sales and service, engineering design and construction, manufacturing control and supervision and management."

Application forms and further information on the scholarships may be obtained by writing to Dr. J. H. Lampe, School of Engineering, North Carolina State College, Raleigh.

Local Students Hear ASME President

Dr. Lewis K. Silcox, president of the American Society of Mechanical Engineers and vice chairman of the board of the New York Air Brake Company, spoke at a meeting of the Eastern North Carolina Section of the ASME in the Broughton Mechanical Engineering Building at North Carolina State College last Tuesday.

His topic was "Where Success Begins."

Members of the Duke University and State College Student Chapters of the ASME also attended the meeting.

Dr. Silcox was honored at a luncheon and a dinner at State College Tues. During the day he

Spain Awarded Ph.D. in Education

Frank H. Spain, Jr., assistant director of admissions at North Carolina State College, was awarded a Doctor of Education degree at a commencement convocation at the University of Florida in Gainesville, Fla., last Saturday.

A native of Middleburg, Vance County, Dr. Spain has been a member of the State College faculty since the spring of 1950. He previously was the teacher of agriculture at Knightdale and Warren-ton High Schools.

Dr. Spain received his B.S. degree with honors from State College in 1948 and earned his M.S. degree from N. C. State in 1949.

He is married to the former Jean Satterwhite of Sebring, Fla., and they have two daughters—Daphne, 4½, and Marsha, 1. The Spains reside at 32 Shepherd Street, Raleigh.

Dr. Spain is the son of Mr. and Mrs. Frank H. Spain of Middleburg.

toured the facilities of the college's School of Engineering, now regarded as a national leader in its field.

For many years, Dr. Silcox has been a lecturer at Purdue, Northwestern, Harvard, Yale, M.I.T., Princeton, Ohio State, Syracuse, and Clarkson College of Technology. He is the recipient of honorary degrees from Clarkson College, Cumberland, Purdue, and Syracuse Universities.

Attend AIIE Meet

Prof. David E. Henderson, head of the Industrial Engineering Department at North Carolina State College, and Prof. R. W. Llewellyn, assistant professor of industrial engineering, participated in a two-day Time Study Conference held in Winston-Salem last week.

The conference was sponsored by the Winston-Salem Chapter of the American Institute of Industrial Engineers and the Society for the Advancement of Management.

A time study exhibit prepared by the State College Student Chapter of the AIIE was on display at the conference. Willie Parks of Portsmouth, Va., president of the student chapter at the college, headed a delegation of industrial engineering students who attended the conference.

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Sperry Film On Sound Testing Is Available

"Ultrasonic Inspection," a ten-minute sound-color educational film describing the development, theory, operation and application of the Sperry Ultrasonic Reflectoscope for non-destructive testing of metals and other materials, has been just released by Sperry Products, Inc., of Danbury, Connecticut.

Latest techniques in ultrasonic testing of raw stock, finished parts and plant equipment are illustrated with scenes taken in Sperry's research laboratories and customers' plants. Included are excerpts from a Heppenstall Steel Company film on ultrasonic inspection of die blocks, and from a Wyman-Gordon

film on ultrasonic inspection, at various stages of fabrication, of highly stressed parts for supersonic aircraft.

The Sperry film also describes recent developments in immersion testing with Sperry "SIMAC" installations, one of the most advanced methods of quality control on a production basis, whereby metal parts are inspected ultrasonically and the results recorded automatically.

Prints of the film are available for showing to interested industry, trade and technical groups as well as technical and engineering societies, schools and colleges.

Waste Conference Slated at State

Initial plans for the Third Southern Municipal and Industrial Waste Conference to be held at North Carolina State College March 18 and 19 were announced by Dr. Nelson L. Nemerow, chairman of the conference committee.

Some 2,000 invitations have been issued to representatives of industries, municipalities, and consulting engineering firms in North and South Carolina, Georgia, Tennessee, Virginia, and West Virginia.

The conference, whose purpose is pollution control, is co-sponsored by State College, the University of North Carolina, and Duke University.

Highlights of this year's program will be a panel discussion on the legal aspects of stream pollution and a session on "Industrial, Municipal, and Educational Institute Research Studies of Industrial Wastes." A session on "Contemporary Design Criteria for Sewage and Waste Treatment Plants" will be introduced to the program this year.

In his announcement, Dr. Nemerow named as participants in the research session the first day of the conference.

Kenneth Watson, industrial waste coordinator for the General Electric Company, Schenectady, N. Y., for industry; Sheppard Powell, consulting engineer of Baltimore, Md., for municipalities; Prof. Marvin Granstrom, professor of sanitary engineering at the

Detroit U. Engineers To Study Philosophy

Beginning with the pre-senior year in 1953-54 Engineering students at the University of Detroit will be required to complete a sequence of philosophy courses, according to an announcement made here recently by Dean Clement J. Freund, head of the College of Engineering.

All engineering students, except those in architecture, will be required to study logic, philosophy of life, and moral philosophy. Architectural practice is substituted for the moral philosophy course in the architectural curriculum. Logic and philosophy of life will, in most cases, be scheduled in the first and second semesters of the pre-senior year; moral philosophy will be given in the second semester.

The organization of these courses is the result of more than five years of planning. The committee

University of North Carolina, Chapel Hill; and Prof. Charles Smallwood of the Department of Civil Engineering at State College, for educational institutions.

which formed the project was beset with difficulties of fitting the courses into an already crowded curriculum and adding instructors to handle the new assignment.

Dean Freund declares that the University is fortunate in its strong philosophy program. "In engineering, as in other forms of education, it is the only effective means of imparting to the student an integrated view of all truth

and values," he points out, "wherein alone the true contributions of engineering to man can be rightly assessed."

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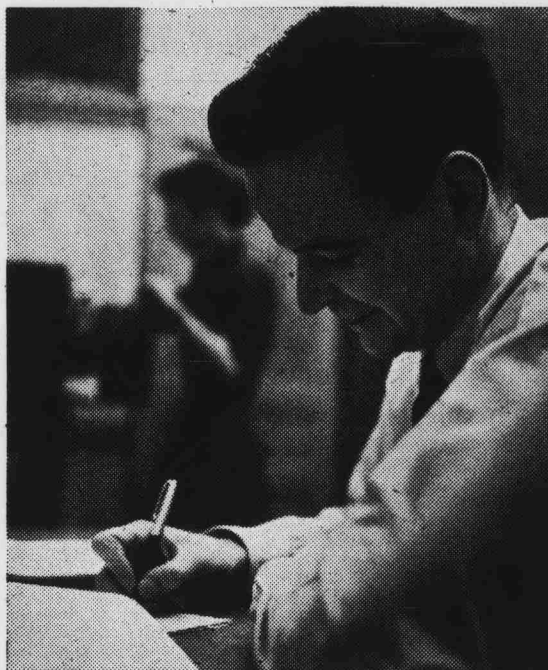


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A CAMPUS-TO-CAREER CASE HISTORY



*He had
a
head start*

It took a class reunion to show Ed Mahler, '50, that all first jobs are not alike. He tells us why.

(Reading time: 33 seconds)

The class reunion at his alma mater, Swarthmore College, was an eye-opener for Ed Mahler. The talk among the Class of '50 switched to jobs. Ed had taken it for granted that everybody was happy with his work.

Then he found that some of his classmates had had two or three jobs since leaving school. Others had kept the same one but weren't satisfied. By sticking with his first job and intending to make it a lifetime career, Ed suddenly discovered he had a head start.

After being graduated with a B.A. in Economics, he went to work for Bell Telephone Company of Pennsylvania in 1950. He reports he chose the Telephone Company because it seemed to offer the best chance for a career.

After a year of training in which he worked in each of the departments — installing telephones, handling business contacts with customers — Ed felt he had a good look at the entire company.

He was assigned to the Traffic Department, which has the responsibility for seeing that customers' calls are handled efficiently. The job included personnel work in addition to developing better operating methods and practices. He was quickly put on his own.

Now Ed has been transferred to the job of estimating the amount and type of new equipment which will be needed in central offices as their customers increase.

Ed points out that projecting himself into the future isn't anything new. That's precisely what he attempted to do when he chose his first—and only—job.

Ed Mahler's job is with an operating company of the Bell System. But there are also jobs for engineers, arts and science and business administration graduates with Western Electric, Sandia Corporation, and Bell Telephone Laboratories.

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EDITORIAL COMMENT:

THE EDITOR SAYS:

Reserved Seat Games Unnecessary

The student seating policy for basketball games which is now in effect is much better than last year's but still leaves much to be desired.

The policy, for example, of reserving seats for certain home games works a hardship on many students which is not offset by advantages to the Coliseum. The tickets for these games, in the student section, are available until 5:30 p.m. on Friday—they cannot be sold to outsiders prior to that time, which obviously makes it impossible for the tickets to be sold, except to persons coming to the box office Friday evening or Saturday.

Further, the games for which seats are reserved are the games students are most anxious to attend—the games for which tickets are least likely to be available for sale to outsiders.

Many students have classes on Monday morning from 8 to 12 which means they are seldom able to get the best seats for any of these important games. On the other hand a student may pick up a ticket on Monday

morning and find by Thursday, Friday or Saturday that he will not be able to attend the game. As a result a very good seat will be unoccupied and unavailable to another student or visitor.

We might mention here that several students have complained that they were unable to get seats in row A even though they were at the box office when it opened on Monday morning. Tickets are supposedly released on a "first come-first serve" basis and most students interpret this as meaning the seats are given out in order of desirability. If this interpretation is incorrect or if the best seats are saved for important visitors, campus wheels etc. the student body should be so informed.

We believe the student sections of the coliseum would be filled to capacity at the reserved seat games if the same procedure was followed for them which is used at the other games. We suggest that it be tried at one of the games and if a capacity turnout of students results that reserved seat games be abolished.

Wolfpack Capers

By John Parker

Cheers, you-all! After the week-end of building yourself up on Hadacol (?) you should be feeling great. Frankly, I don't feel so pretty good. Can't understand it. This business of seeing just how much sleep you can do without is about to kill me but I'll still give anybody a race. Design students excluded of course.

Anybody that finds a more confusing set of highway signs than the ones down by the underpass beyond Tucker, I'd like to hear about it. Everybody is supposed to yield so what happens; Four cars drive up, stop and then each scratches off. Then a sound like thousands of beer cans and a few choice bottles being dumped in a cement mixer. Oh well, there shouldn't be any question as to who had the right-of-way. Everybody did.

If you see Asbury Bi-around, ask him about his personal little "panty raid." Seems as how he saw a pretty special girl when he wasn't in the best of condition, due to the usual reason, and appropriated the unmentionables for adornment of his room without her knowledge. Now don't get the wrong idea. She wasn't wearing them.

There's a strong odor blowing from the direction of the Coliseum and if I'm not badly mistaken it can be traced to the ticket office. It seems to me that if the powers-that-be want to keep peace in the family, they ought to change their ways. We're being hit with a purple shaft. It doesn't really matter when you go by to pick up your tickets, you get what they want you to have and nothing more. Seems like only yesterday (a little over two years ago) that he had the same problem. The attitude seems to be that students come after people. It gripes my lower extremes. Enough of that!

Did you get to see the now famous snow-woman? Couldn't find out who was responsible for the sculpture but it was great. It was in the Owen-Tucker quad and was there until Sunday night when some lower-than-lowest made off with same.

If you're up in the Becton area, drop by "Hoppy" Sin's room. He's been accused of leading several nice boys astray. One was going to see his girl for the week-end and had to be put on the bus. Needless

to say he was in the dog-house so far as she was concerned. Like I say, if you see "Hop," he'll tell you how to have a great time but then who needs to be told?

Don't take what I say too seriously. Any resemblance to any person, living or dead, is purely intentional—oops, what I mean to say is that if you know who I'm talking about—don't let on how obvious it is. Please, I can't stand to be harassed. Please, I can't stand to be threatened. Yuk-Yuk, more fun! You never know when your skelton will be out. See you—around?

College Receives Thanks For Aid

Mr. W. J. Kitchen, Executive Secretary of World University Service, has written the following letter of thanks for contributions received from North Carolina State College:

tress in many countries, Korea, Southeast Asia, the Middle East and other areas, who will be helped by your generous contribution, we thank you most cordially.

Material assistance is an expression of our common humanity and recognizes that their problems are our problems and their future is our future.

The contribution which you have made will support substantially the on-going fight against poverty, despair, disease, ignorance and misery, and will build toward a deeper sense of the world university community.

For those whose hope you have helped to renew we thank you."

Contributions from the faculty this year totaled \$600. The Raleigh Moravian Church has given \$25, Mr. William M. Barnhart (an alumnus) has given \$10, and student contributions to date add up to \$570.20. This makes a total so far for the year of \$1205.20. The Verville canvass has not yet been made and there are several fraternities planning to report soon. The canvass on the campus was sponsored by the Alpha Phi Omega fraternity.

The World University funds from N. C. State for the last four years have been allocated to the University of Indonesia and have been given in honor of our former President, Dr. Frank P. Graham.

On February 19th Dr. I. Winburn T. Thomas who lives and works in Djakarta, Indonesia will "On behalf of students in dis-

National Mag. Prints State News

A new national magazine, "Industrial Science and Engineering," includes two news items about North Carolina State College and a picture of two engineering students at the college.

Published in Chicago, Ill., by the Industrial Laboratories Publishing Company, the magazine is a student business publication which is circulated to college students and industries throughout the United States.

The first issue, 48 pages in length, contains a photograph showing two students—Hewett Clark of Salisbury and Harold Lamonds of Greensboro—as they work in State College's nuclear reactor.

It also carries news articles on John Tester of Lenoir, a leading student in the School of Forestry at State College and on Dr. Arthur W. Waltner, associate professor of physics, who recently returned to his duties at N. C. State after a year's leave of absence with the Swedish Atomic Energy Commission in Stockholm, Sweden.

The editor of "Industrial Science and Engineering" is George A. Whittington, who has expressed much interest in the School of Engineering at State College and in student activities at the institution.

be on the campus and will speak at a student-faculty luncheon, at which time he will tell of the progress Indonesia is making and some of the problems here people face.

a Vaccine will mean Victory!

Join the MARCH OF DIMES

IT WILL TAKE MORE IN '54!

Letter . . .

To: The Editor, THE TECHNICIAN (for publication)

They tell me we have an honor system. If so, that's fine. It's definitely all right with me. But where is the honor in a system that permits events like these to take place:

1. A student is suspected of dishonesty on an examination given before the beginning of finals week.

2. The instructor in charge is told to report the student by a senior faculty member who walks into the room at the time of the alleged incident. The senior faculty member tells the instructor at this time that he will appear as a witness against the student, but nothing is said to the student at this time!

3. The accused finds out, for the first time, that he has been suspected of cheating in the quiz when he asks the instructor in charge why he received "with-held" (instead of his grade) on his term report for the course.

4. A number of weeks after the alleged incident has occurred, the accused is notified that his trial before the Honor Court is to be held. He has a few days to prepare his defense (too few, in my opinion.) He is tried without a defense attorney and acquitted.

5. One man in the college administration decides that the verdict is unjust and sends the case back to the Honor Court to be retried because it is felt there is sufficient evidence to convict the student.

6. Another trial is held apparently without the formality of proving the first trial was a mistrial. The only new evidence is, in my opinion, favorable only to the defendant.

7. The verdict of the second jury—guilty!

What do you think? Aren't you steamed up? You should be because there is no reason to believe the very same procedure won't be used if you are suspected of cheating. Something is definitely wrong with this procedure. I personally think it is grossly unfair and stacks the odds against the defendant (who could be you) to the point that any trial under the present procedure is a complete farce.

What can be done? Here, are my suggestions for changing the present procedure to give the defendant a fair shake. If you read them and agree with me and then forget them they are just words on paper. If you bring them to the attention of the Campus Government by making sure your representative, elected by you, knows of them and votes for them, something will be accomplished.

Christian Fellowship To Hold Annual Meet

State College Christian Fellowship, a chapter of Inter-Varsity Christian Fellowship, invites all State men to attend the annual Midwinter Weekend to be held at Camp New Hope on February 20 and 21. Along with N. C. State College, schools from all over N. C. and parts of Va., Tenn., and S. C. will be represented.

The theme of the conference will be "Modern Man Looks at the Bible." Such topics as "How does the Old Testament measure up to modern archaeological discoveries?" "Are the New Testament documents reliable?" and "Can we be sure of the Christian Theory?" will be discussed.

The speaker to help us answer these current and puzzling questions will be Dr. Francis R. Steele. Dr. Steele is formerly of the Department of Oriental Studies of the University of Pennsylvania. He has also made two archaeological expeditions to Iraq.

For more "poop," see one of the following men: Herb Schafer, cell no. 217 Owen; Julian Goff, stalag 125 Alexander; or Dick Bethune, room 9 of Becton Board House.

Where have the present lawmakers fallen down? Here, in these ways:

These MUST be law!

1. Anyone suspected of cheating on an examination must be openly and publicly accused at the time of the incident. Under the present system it is virtually impossible for the defendant to prepare a defense. He is not notified until long after the offense has occurred.

2. A definite time limit must be established so that the trial is held, for instance, not less than 5 days nor more than 10 days after the incident has occurred. This is to allow sufficient time for investigation on both sides and to prevent any unnecessary delay. The defendant must know when the trial is to be held.

3. A competent law officer (a lawyer or a judge, for instance, not connected with the college in any way) should act as presiding officer at the trial or should, at least, act as a legal advisor with duties similar to the legal officer in a military court-martial. Under the present procedure, a student with absolutely no more law background than you or I have, presides as judge.

4. Rules of evidence must be established for once and for all.

5. No trial should be re-tried until the verdict is reviewed by a Board of Review (for instance, the Faculty Council.) A new trial should not be granted unless a definite mistrial has occurred. What constitutes a mistrial must be determined.

6. Full publicity should be given to each and every trial. Everything should be known about the trial except the name of the accused. A "John Doe" account of the trial should be published in the TECHNICIAN, if the editor wishes to publish it. A qualified reporter should be present at the trial to report the trial in the student newspaper.

I sincerely believe these proposals are important. Without their enactment into the law of the campus, I believe the present honor system cannot and will not succeed. Ask yourself this question and see if you don't agree—Can we have an honor system conceived in dishonor?

Sincerely,
Tom McNamara

Series Continued

The College Union Library Committee will hold the third in a series of book talks February 8, 1954 at 7:30 p.m. in Peele Hall Lounge.

Dr. Lodwick Hartley, head of the English Department will be the speaker. Dr. Hartley received his B.A. at Furman University, his M.A. at Columbia, and his Ph.D. at Princeton.

His topic for the evening will be the "short-short" story. Dr. Hartley has selected stories by Saki, Ogden Nash and William March to illustrate his lecture.

Coffee and home-made cookies will be served following Dr. Hartley's talk.

TECHNICIAN

Offices 137-139 1911 Bldg., Editor-in-chief . . . George Obenshain
Bus. Mgr. Jerry Jones
Ass't. Bus. Mgr. . . . John Puckett

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It's In The Book

Are there any specific rules covering so routine a maneuver as passing another car?—B. H. T. Asheville.

It so happens there are. The Motor Vehicle Manual points out that motorists overtaking and passing another vehicle shall pass at least two feet to the left, and not return to the right side of the highway until safely clear of the overtaken vehicle. You must sound your horn too, when passing another vehicle on the open highway.

SING—

(Continued from page 1)

develop an interest in vocal music and to bring out hidden talent within the groups. However, it has been indicated by the sponsors that the continuance of the Sing hinges on better participation on the part of the other fourteen in next year's event.

TV DIRECTOR—

(Continued from page 1)

and "Heritage" as well as special programs dealing with Congressional Committees.

Born in Charlotte Aug. 14, 1915, Burgin was graduated from the Grainger High School in Kinston in 1932 and is an alumnus of the University of North Carolina, where he received his A.B. degree in 1936. He also attended North Carolina State College, where he took civilian pilot training, 1940-1941.

Having a broad background in radio and television, Burgin was announcer and publicity director, Radio Station WSJS, Winston-Salem, 1936-38; producer, writer, and announcer, Radio Station WPTF, Raleigh, 1938-42; radio production director, NBC, Washington, 1942-49; Lieutenant, U. S. Navy Reserve, 1942-46; and television program manager, NBC, Washington, 1949-54.

In addition, he has lectured on radio and television at the American University in Washington for the past five years and had experience as a broadcasting consultant and in free-lance production in Washington, 1948-53.

A Methodist, he is listed in "Who's Who in America." Burgin is married to the former Miss Jeanne Collins, and they have three

children—Meredith Anne, 10; Mollie Leigh, 8; and Melinda Collins, 2. The family currently resides at 2809 South Ives Street, Arlington, Va.

Commenting on the appointment of Burgin, Chancellor Bostian said, "We think the outlook for television programs from State College is very bright with the leadership which Mr. Burgin can give and with his rich background of experience with NBC.

"We are fortunate in getting a man who grew up in North Carolina and who has worked with two North Carolina radio stations.

State College, Dr. Bostian said, has tentative plans to employ a television production staff of about 12 individuals, together with several part-time employees, whose work will be headed by Burgin.

He said the operation policy and the development, in general, of the types of television programs that will be produced will be carried out under the Television Programming Council of the Consolidated University of North Carolina. This council will be made up of seven faculty representatives from each of the three institutions comprising the Consolidated University—the University of Chapel Hill,

State College in Raleigh, and Woman's College in Greensboro.

Dr. Bostian also announced that a television building will be constructed on the State College campus at a site probably on Western Boulevard during the next few months.

Between now and Sept. 1, when the Consolidated University's new educational television station is scheduled to go on the air, Burgin will be involved in the production of a number of State College TV programs in preparation for the station's opening.

"It is hoped," Dr. Bostian said, "that we will have a backlog of about four months of programs

produced by the time the station opens."

Burgin, Chancellor Bostian said, will occupy an office in Holladay Hall at the college until the new TV building is completed or until other arrangements are made.

The Consolidated University's TV station will operate on channel 4 and is headed by Robert F. Schenckan, TV director for the Consolidated University, who formerly was a faculty member at the University in Chapel Hill. The chief engineer is Alan B. MacIntyre, formerly of the State College faculty.

Burgin was recommended for the State College TV position by a

faculty committee, headed by Dr. John W. Shirley, dean of the School of General Studies at the college.

Every blade of grass is a study; and to produce two where there was but one is both a profit and a pleasure. —Abraham Lincoln.

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Warren Perry
Northwestern University

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Through The Keyhole

LEONARD A. BINDER Sports Editor

As the basketball season swings into its final big regular season month, A.C.C. fans are still totally in the dark as far as who will emerge as the hoop champion of the conference.

At least five teams in the league have a better than average chance to take all the marbles back to its respective campus come the beginning of March. The Big Four teams are currently all right in the thick of the fight for the title. The University of Maryland must also be recognized due to their fine A.C.C. record so far this year. Of course, the regular season leader does not get the honor of being crowned champion of the conference. All that finishing on top of the heap in the regular campaign means is that the particular quintet that does so is seated first in the post season tourney. This sometimes can be more of a disadvantage than a help.

If the tournament had to be held tomorrow, Duke University would probably merit the favorite's role. The Devils have played good consistent ball throughout the year. They ended N. C. State's reign on the Dixie Classic championship as well as having bested the Wolfpack in a game played at Durham in January. The Devils have good height and speed as well as a bevy of great shooters. Their bench is strong and they can run all night. However, our own Wolfpack cannot be counted out by any means. The Casemen are strong in all departments and on a given evening the Wolfpack can be as good as any team in the land. State is the kind of a ball club which can run into a hot spell and become virtually unbeatable. The team has not fully jelled into the cohesive and high scoring unit everyone expected it to be before the season began. But when it does the other teams had better watch out!

Before the foot injury to Dick Hemric, the Deacons of Wake Forest were as tough a team as there was in this area. Hemric was being acclaimed as one of the most outstanding players in the country. The Deacons built their entire offense around the big center. When Hemric hurt his foot, the fortunes of the Wake Forest team took a tremendous dive. Their chances in the tourney will depend almost entirely on the condition of big Hemric.

The Tar Heels of North Carolina started off very well in their A.C.C. play at the beginning of the season. This was partly due to the easy schedule which the Tar Heels played early in the year. However, the men of Frank Maguire lost to the Wolfpack as well as to the Duke Blue Devils in conference play this year. The Tar Heels have a weak bench and it will take a tremendous effort on the part of the starters to finish on top this season.

The dark horse of the tourney probably will be the quintet from the University of Maryland. This team plays a deliberate brand of ball which can give any team a hard evening on the court. The Terps have good size and depth and just might take it all.

With all these factors to consider the tourney will probably be as close as can be. A lot can happen before the end of the basketball season, but whatever does transpire will only add to the excitement of the A.C.C. carnival at the Coliseum. So get your tickets early!

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THE Dorm Corner

By Jerry Armstrong

The championship games are just around the corner and the key words in the dorm intramural this week was who are the teams that are going to be in the playoff tournaments for the campus titles? The bowling goes into the semi-finals, the handball moves to the semi-finals, basketball starts on the last round of the schedule with most teams having only two or three games left to play, the four teams who will play for the campus title in table tennis will be decided, and last but far from least will be the deciding games for the playoff tournament in handball all coming up on the agenda next week.

Handball

Elliot Kabbash and Richard Ramey took both of their singles matches for Tucker No. 1 by the scores of 15-11, 15-7 and 15-11, 15-6 respectively. Bill Tinsley and Roy Lambert won the doubles matches by forfeit for Tucker also to give them a clean sweep of the sets.

Turlington No. 2 had some difficulty in getting enough men out for their matches and they lost the complete match to Owen No. 1 with only Belverio for Turlington playing a match against Crockett of Owen, who won the sets in two straight fashion.

Becton No. 2 won their game over Verville by via of the forfeit trail.

Basketball

I would like to make one correction from last week's Corner on the junior varsity game between Becton No. 2 and Syme No. 1. This game had Becton No. 1 in the place of Becton No. 2. The game was lost by Becton No. 2 against Syme No. 1, 33-27.

Bowling

Berry had two hard fought matches with Tucker No. 1 and managed to take both matches without the aid of two starters, Bert Weeks and Jerry Armstrong. Ulrich, Smyre, and Trevathan composed the team for Berry and the high man for Tucker was Joe Shockley.

Basketball

The Bagwell No. 1 "Dragnets" held off a last period drive by Owen No. 1 to win their contest "by the skin of their teeth," 44-42. Paced by two of their leading scorers, the Bags put on a very hot third period which was the probably difference in their game. Mitch Clary scored 13 and Mack Whitehurst 12 for the winners with a defensive combination of Pearson and Hamme clicking also for the "Craigers."

In their usual style, Becton No. 1 walked off with another easy victory 66-36 over the chargers of Verville. The offensive leader for Becton was Langston with 24 points, Whitley 13 and Raper collected 10.

It was the strong Tucker No. 2 bench that pulled one out of the fire for them against Turlington No. 2 by the score of 43-29. The outside game of Tucker's with Sheril, Zubaty, McCoy and Tiller proved to be the winning combination of the contest.

Sparked by some brilliant ball handling and hawking Tucker No. 2 won an easy victory over Syme No. 2 by the score of 51-37. Traywick scored 13 points for the winners aided by the 13 thrown in by Hapward.

A burst of 10 points by Charlie Fox in several minutes was the margin of victory for Tucker No. 1 over the boys from Alexander No. 2 by the score of 36-35. Fox had 10 points for Tucker and Nardone had 13 for the losers.

Coach Willis Casey's State swimmers racked up their 26th straight dual meet triumph at the expense of the University of Pittsburgh Panthers as the Wolfpack copped seven of the 10 first places to post a 46-38 victory.

Pittsburgh's defending Eastern Intercollegiate League champs were no match for the Wolfpack as the State tankers copped the first four events on the program before yielding to the Panthers in diving.

In the sprints the State team swept both first and second places in the 50 and 100-yard freestyle behind Captain Don Sonia and sophomore Wilson James. Sonia won both events with James second.

Distance freestyler Fred Ruppenthal, a sophomore from York, Pa., swam to triumphs in both the 220-yard races, whipping Pittsburgh's Jim Zurcher in the 220 and Jerry Weiss in the 440.

The Panthers' Ronnie Gainsford, Eastern titleholder in the 200-yard breaststroke brought Pittsburgh its only first place in the individual racing events as he edged out State's Paul Arata by a yard at the finish.

Pittsburgh's other two first places came in the diving and in the 400-yard freestyle relay.

State had the meet clinched after Ruppenthal won the 440-yard freestyle event.

In another feature clash on the slate State's Bob Mattson finished strong to whip Pittsburgh's Fred O'Nions in the 150-yard individual medley.

It was the sixth straight victory for the Wolfpack this season.

The summary:

800-yard medley relay: 1. State (Dunlap, Arata, Mattson), 2:56.9.

220-yard freestyle: 1. Ruppenthal (NCS), 2. Zurcher (Pitt), 3. Weiss (Pitt), 2:14.0.

50-yard freestyle: 1. Sonia (NCS), 2. James (NCS), 3. Kaupé (Pitt), 24.1.

1 meter diving: 1. Gaetano (Pitt) 56.8, 2. Palmer (Pitt) 56.6, 3. Smith (NCS), 45.0.

100-yard freestyle: 1. Sonia (NCS), 2. James (NCS), 3. Piwowarski (Pitt), 55.0.

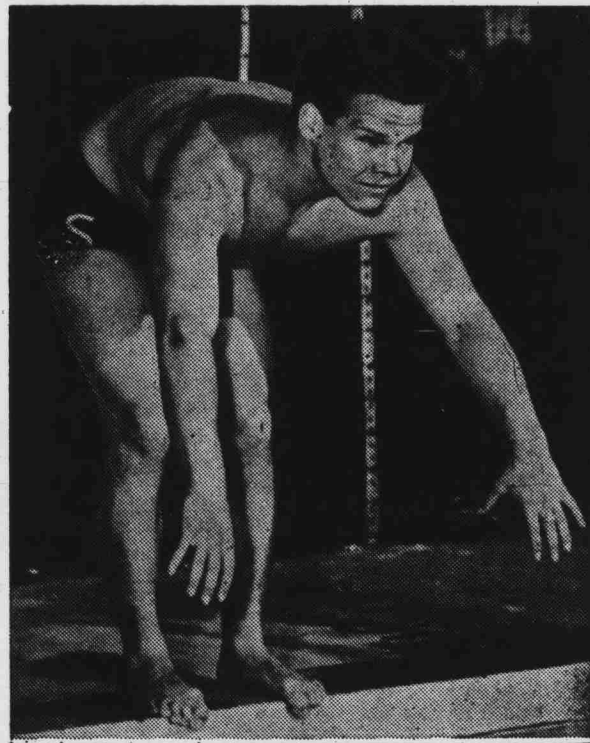
200-yard backstroke: 1. Dunlap (NCS), 2. Monsein (Pitt), 3. Hodgson (Pitt), 2:16.4.

200-yard breaststroke: 1. Gainsford (Pitt), 2. Arata (NCS), 3. O'Nions (Pitt), 2:35.5.

150-yard individual medley: 1. Mattson (NCS), 2. O'Nions (Pitt), 3. Lynes (NCS), 1:39.5.

440-yard freestyle: 1. Ruppenthal (NCS), 2. Weiss (Pitt), 3. Furrer (Pitt), 4:59.2.

400-yard freestyle relay: 1. Pittsburgh (Piwowarski, O'Nions, Weiss, Burcher), 2. State (Arata, Lynes, Verreault, Prodo), 3:53.8.



BOB MATTSOON
N. C. State

Study Made of Student Failures

Many colleges have built up reputations based on the number of students which are dropped each year. A careful examination of this situation of student withdrawal is summarized in a recent statistical report received here from the Educational Testing Service entitled "Four Year Follow-up Study of 1948 Freshman Entrants to Engineering Colleges."

In 1948 there were 13,474 non-veteran freshmen enrolled in 101 engineering colleges in the United States. Essentially all of the colleges offering technical training in the mineral industries were represented. At the Colorado School of Mines 191 non-veteran freshmen enrolled in 1948, and 81 of these men graduated with the professional degree of "Engineer" four years later. This means that 42.4 per cent of the men at the Colorado School of Mines completed their degree requirements in four years

compared to the national average of only 33 per cent.

(In 1952, four years after the 13,474 non-veteran freshmen had enrolled in the 101 engineering colleges in the United States, 33 per cent of these students graduated in engineering. Eleven per cent of the 1948 group were still enrolled but needed one or two semesters more to complete the degree requirements.)

Of 32 colleges with 1948 freshman non-veteran enrollment between 100-199 students, the Colorado School of Mines ranked in the 70th percentile in number of men graduating in four years. Only nine colleges in this group had a higher percentage of graduates, and this group included privately as well as publicly supported institutions.

Forty-six per cent of the entrants to privately supported col-

(Continued on page 7)

Dr. Mead Makes Youth Morals Study

"Young people never are what they were in somebody else's day."

So begins another analysis of today's "lost," "silent" and "unkiddable" generation. This one, however, published by the *St. Louis Post Dispatch*, is by a writer who is actually in position to know something about generations—Margaret Mead, author of "Male and Female" and associate curator of ethnology at the American Museum of Natural History.

Anthropologist Mead says that, as far as anyone can guess, dissatisfaction with youth "has been going on since the Stone Age." Even in Russia, she writes, where the younger generation has been thoroughly indoctrinated and deviators have been expelled, "it is pretty doubtful whether middle-aged Communists think young Communists are anything like as devoted to the Party as they were."

We cannot get an objective appraisal of the present generation from our elders, therefore; nor, writes Miss Mead, can we get a definite answer from the young people themselves. "When they say that they 'just want to be sure of a job', . . . 'a chance to marry and have children, where does the 'just' come from? . . . The 'just' means that somebody—parent, teacher, preacher, . . . writer, radio commentator . . . has said they 'ought' to be wanting something else."

Today's youth, according to the noted anthropologist, is the product of a generation that "left their adolescents with little recourse except to try to work out a new, less contradictory and less authoritative morality (than the one imposed by the previous generation) for themselves."

"This new morality, the emerging morality of the 1950s, has a style of its own, and special strength and weakness. . . . It can be summed up in a series of phrases. The familiar farewell which has replaced 'Goodbye' (God be with you) is 'Take it easy' . . . The modern version is an exhortation—not to idleness, but to lack of strain. Take it easy, keep your shirt on, don't get excited, you've only one life to live."

A second significant phrase used by the current generation is "It depends on the situation," Miss Mead says. "Modern youth is unwilling to say categorically that any act is wrong. To kill? But they

are told it is their place to kill in defense of freedom. Adultery? When every state has different marriage laws? Theft? In a world where the partisan undergrounds of freedom are glorified? It depends on the situation."

A final characteristic of the new morality is that it has brought a shift from the morality of authority based on sacred codes and texts, to a morality of the machine. "Where the young people of 1940 still asked 'What ought I to do?' these young people of 1953 ask 'What is necessary to do?'" says Miss Mead. "And this question is as practical and clear-cut as questions about mending the carburetor or buying more gas. There is an answer—in the nature of the situation. If you have no gas, you get out and walk until you get some. There is no appeal to higher authorities. You can pray that you will remember to fill the gas tank, but you do not pray that the car will run without gas."

The new morality, says Miss Mead, places all things into this framework. "Granted the goals, what are the necessary means? To an adult generation that was often as glib about goals as it was careless of means, that wanted world peace but no League of Nations, world prosperity but no reduction of tariffs, continued employment but no government spending, ideal marriages and no sex education . . . these young people pose a question that is salutary and valuable."

STUDENT DROP—

(Continued from page 6)

leges graduated in four years as compared to 25 per cent of the entrant in publicly supported colleges. Forty-one per cent of the entrants to technological institutions graduated in four years, as compared to 27 per cent of the entrants to university engineering schools.

It is also interesting to note that the men who did graduate were not always without academic difficulties—26 per cent had repeated one or more courses, 11 per cent had attended one or more summer sessions, and 12 per cent had been on scholastic probation for one or more terms.

Of those who withdrew from college, 27 per cent dropped at the close of the first semester, 30 per cent at the end of the first year, and 28.2 per cent during or at the close of the second year. At the end of the second year, 85.2 per cent of all withdrawals had taken place. The following reasons were given for withdrawal:

	In Good Standing	Failing	Unknown
Changed curriculum	28.2%	18.9%	4.3%
Disliked engineering	3.0%	2.6%	0.1%
Financial or family difficulty	4.8%	0.5%	0.5%
Other reasons	24.4%	15.1%	1.2%

It's In The Book

I am 15 years old and live on the farm. I've learned to drive tractors, cars and trucks. Can I get a driver's license now? H. H., Jacksonville

No, the Motor Vehicle Manual says no one under 16 years of age may be issued an operator's permit. Wait until your 16th birthday, then make application at your nearest State Highway Patrol office for a license. Even so, applicants between 16 and 18 must have their parent's or guardian's consent.

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● Outings

HUGHES Cooperative Fellowship Program for

MASTER OF SCIENCE DEGREES

Purpose

The Hughes Cooperative Fellowship Program has been established to enable outstanding graduates to pursue work for the Master of Science degree while employed in industry and making significant contributions to important military projects.

Eligibility

Eligible for consideration are students who will receive the B.S. degree during the coming year and members of the Armed Services being honorably separated and holding B.S. degrees. In either case the field of the B.S. degree must be:

ELECTRICAL ENGINEERING
PHYSICS, OR
MECHANICAL ENGINEERING

The awards will be made to applicants who have evidenced outstanding ability and some degree of creativeness. They must also possess traits enabling them to work well with others.

Citizenship

Applicants must be United States citizens for whom appropriate security clearance can be obtained, as their work in the Hughes Laboratories may be related to National Defense projects.

Universities

Applicants must be able to meet the requirements for admission to graduate standing at the University of California at Los Angeles or the University of Southern California.

Program

Participants will be employed at Hughes full time in the summer and 25 hours a week during the university year while pursuing half-time graduate work.

Recipients will earn five-eighths of a normal salary each year. This salary will be determined by the individual's qualifications and experience, and will reflect current salary practices in the electronics industry. Salary growth will be on the same basis as for full-time members of the scientific-engineering staff. Recipients will also be eligible for health, accident and life insurance benefits, as well as other privileges accruing to full-time staff members.

Salaries

Tuition, admission fee, and required books at either the University of California at Los Angeles or the University of Southern California, covering the number of units required to earn an M.S. degree, will be provided.

Sponsorship

For those residing outside the Southern California area, actual travel and moving expenses to this area will be allowed up to 10 percent of the full starting annual salary.

Travel Expenses

If a sufficient number of qualified candidates present themselves, as many as 100 Fellowships will be awarded each year.

Number of Awards

Candidates will be selected by the Committee for Graduate Study of Hughes Research and Development Laboratories.

Selection of Candidates

Application forms should be obtained immediately. Completed applications must be accompanied by detailed college transcripts.

Application Procedure

Address correspondence to COMMITTEE FOR GRADUATE STUDY

HUGHES

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Across From
College Tower

"The Pride Of The Corps" --- The "Rifles"

By Bill Collins

"The Pride of the Corps!"

This is an apt description of the Pershing Rifles Company of the Army ROTC at North Carolina State College.

It is this group of 47 cadets who set the military pace for the 1,200 Army ROTC cadets at the college.

Their organization encourages, preserves, and develops the highest ideals in the military profession in addition to the promotion of American citizenship.

Lt. John J. Pershing, who later became the famous General Pershing of World War I, organized the first Pershing Rifles Company in 1894 at the University of Nebraska in Lincoln, Neb.

Pershing Rifles is now a national organization consisting of 114 companies. The company at State College is one of the few units of its kind in the South.

Although Pershing Rifles was relatively unknown at State College in 1951, the organization actually started then when a group of freshmen discussed the need for more spirit and pride in the ROTC. This group proposed that a precision drill team be formed. The idea, however, did not materialize immediately. But the group was allowed to act as an honor guard at the Military Ball that year, and hope for some type of organization lived.

In the fall of 1951, the group requested the Military Department for permission to form a temporary, special drill unit which would be allowed to drill separately during the regular drill periods. Permission was granted. In the following spring, a petition to let the unit become a permanent one could not be granted, because the unit was composed almost entirely of upperclassmen. This did not destroy all hope though.

Reorganizing in the fall of 1952, a group of third-year cadets formed a special platoon of 23 men to march in the annual N. C. State Homecoming Parade. "A superb exhibition of talent and determination," said a student sponsor, "was displayed by the platoon in the parade, and permission was granted to them to remain a permanent unit."

Then like an avalanche came great interest, with permission from the Military Department and the College to become a permanent organization and with the acceptance by the National Pershing Rifles of 23 men who petitioned for membership.

As a reward to the faithful few

who had kept the idea alive, 23 cadets were initiated on February 27, 1953, as Company L, 4th Regiment of Pershing Rifles.

Its operation is similar to other Military Department staff, serves college organizations and groups in an advisory capacity to the organization as civic clubs. The administration and business of the organization is carried on by the cadet officers and members. A faculty adviser, who is elected from the Military Department staff, serves in an advisory capacity to the organization.

The N. C. State Company of Pershing Rifles is now well known throughout the State. It has participated in the State College Home-Coming Parades, Raleigh Christmas Parades, fraternity pledge week observances, and has performed during half-time periods at basketball and football games.

rect signals to be used in North Carolina? M. O., Brevard

This is one of the easiest driving regulation to remember. The Motor Vehicle Manual describes correct arm and hand signals as follows: Left turn—hand and arm horizontal, forefinger pointing; Right turn—hand and arm pointing upward; Stop—hand and arm pointing downward. The law further says the signal must be given from the left side of the vehicle and continued for the last 100 feet traveled prior to stopping or making a turn.

It's In The Book

I've driven in several states and noticed hand arm signals vary considerably. What exactly are the cor-

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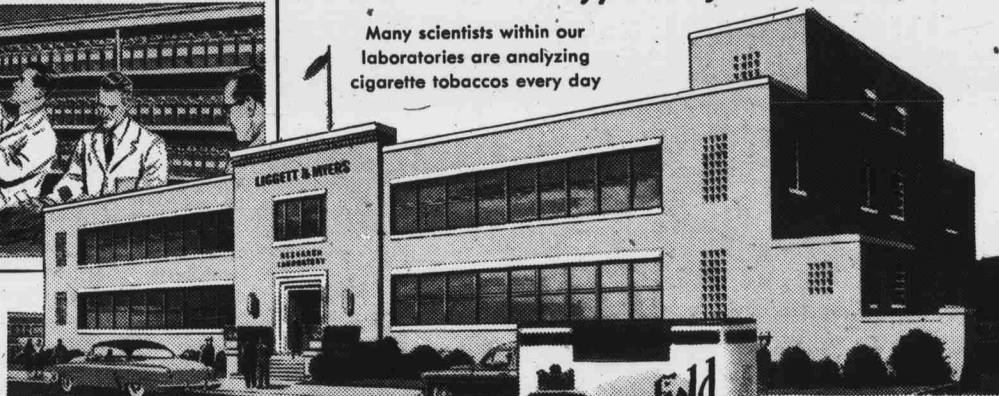
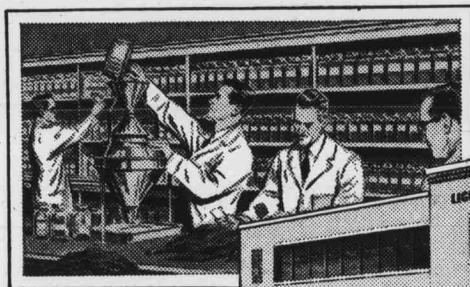
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