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PUBLISHED WEEKLY BY THE STUDENTS OF NORTH CAROLINA STATE COLLEGE

Vol. XXXVIII No. 29

State College Station, Raleigh, N. C.

May 14, 1954

**SENIORS . . .**

Permanent class officers of the graduating Senior class will be named at elections to be held Tuesday, May 25 at noon in Pullen Hall. Officers to be selected are president, vice-president and sec-treas. Interested candidates should sign up in Dean Talley's office.

### Brazilian Graduate Student Is First To Receive Ph.D. In Nuclear Engr.

Dr. Hervasio Carvalho of Rio de Janeiro, Brazil, a graduate student in the School of Engineering at State College, recently became the world's first student to complete the requirements for a Ph.D. degree in nuclear engineering.

He will return to his country in June as assistant director of the science division of the National Research Council of Brazil and will work there closely with Admiral alvaro Alberto, president of the council and twice president of the United Nations.

In reporting Dr. Carvalho's achievements, Dr. Clifford K. Beck, head of the college's Physics Department, said the Brazilian is the world's first person to qualify for a doctorate in nuclear engineering and is also the first student to earn a Ph.D. degree in the history of the N. C. State Physics Department, which recently was authorized to expand its graduate training program.

The Brazilian student, who previously earned Ph.D. degrees in

physics and chemistry at the University of Brazil and the University of Recife, will return to his native land to work toward the peace-time development of atomic energy there.

After completing his work here, Dr. Carvalho flew to Chicago to join his family but will return in June to receive his degree at the 1954 commencement exercises of the college. Since last Sept., he has been engaged in study relating to the University of Chicago's giant cyclotron.

Dr. Carvalho said he is the first of a group of 80 Brazilian students, who began their studies in the United States in 1952, to finish requirements for a degree. The entire group of 80 is studying various fields of atomic energy.

As a student at N. C. State, Dr. Carvalho has assisted Dr. Beck and his associates in special research projects dealing with the operation of the nuclear reactor—the world's first college-owned fa-

(Continued on page 9)

# Top S G Officers Are Installed at Banquet

Installation of the top student officers at N. C. State College for the next school year, the presentation of keys to campus leaders, and an address by R. Mayne Albright, Raleigh attorney, were the highlights of the college's annual Student Government banquet at the Village Restaurant last Wednesday night.

Lloyd M. (Doc) Cheek of Gibsonville, a senior in the School of Textiles at the college, was installed as president of the Student Government, succeeding Billy Barnes Oliver of Selma, who was in charge of the installation service.

Other top-level student officials who were installed were Bobby Joe Stephenson of Angier, vice president; E. Edwin Rose of Route 2, Newton Grove, secretary; and Albert P. Parker of Charlotte, treasurer.

In their new capacities, the student leaders will be in charge of a wide range of extra curricular activities for approximately 4,000 students attending State College.

Speaking briefly, Retiring President Oliver expressed appreciation for the cooperation of his student associates and college faculty members in operating the Student Government during the past 12 months and lauded Dr. Carey H. Bostian, chancellor of the college, for the help which he has given the students and for his work toward the improvement of student welfare at the college.

In a brief response, Dr. Bostian listed two of the main achievements of this year's Student Government—the revision of its constitution and "building a better college spirit"—and said his administration is dedicated to "the principle that we are one community on the State College campus." He commended Oliver for his accomplishments as the college's top student leader during the last year.

Dr. Bostian awarded keys to 39 students and four faculty members who were honored for their work on the Student Government at the college.

Each of the retiring officers—President Oliver, Vice President, Jordan, Treasurer Krook, and Secretary Harry Yarbrough, Jr., of Wilson—received a key. Faculty members receiving keys were Prof. P. E. Moore, Dr. Keith McKean, Dr. Ruddell Reed, and Dr. J. H. Legates.

Other students receiving keys

and the organizations which they represent follow:

Honor Council—Dave Barrett, Atlanta, Ga.; Jim Frazier, Goldsboro; Bynum Wood, Raleigh; John Gregg, Fort Mill, S. C.; Aubrey Council, White Oak; and Fields Cobb, Dendron, Va.

School of Agriculture—Buck Harris, Concord; Clark Walker, Old Fort; Archie Faires, Wallace; Hope Shackelford, Hookerton; and Jud Ammons, Mars Hill.

School of Forestry—Jim Anderson, Mt. Rainier, Md.; Tilden Lester, Martinsville, Va.; Bill Dozier, Raleigh; Jim Webb, Swannanoa; and Ben Farley, Hollins, Va.

School of Education—James Knox, Greenville; E. C. Brantley, Zebulon; Bobby Joe Stephenson, Angier; Carl Ipock, Cove City; and Bill Reavis, Angier.

School of Engineering—Joe Trogden, Asheboro; Tom Memory, Wagram; Frank Conner, Charlotte; and Henry Saye, Oxford.

School of Textiles—Bob Sample, Greensboro; Jim Whittner, Charlotte, Bill Brehm, Philadelphia, Penn.; John McLaughlin, Statesville; and Dick Reagen, Asheville.

School of Design—Bill Crouse, Winston-Salem; Bill Kaplan, Raleigh; Forrest Cox, Raleigh; W. T. Bradshaw, Wilmington; Shelton Peed, Durham.

In his talk, Albright said the experiences which the students receive in their campus governmental work will help them to assume their civic responsibilities and citizenship duties in future years and

(Continued on page 9)



PEGGY EAKES



JANE LEE



SANDRA DONALDSON



JANE BASHFORD



DOROTHY ANN SWISHER



MARY LEE LAFAR

The Interfraternity Council of North Carolina State College will present its finals dance set in the Frank Thompson Gymnasium at the college Friday night, May 14, from 8 o'clock until midnight and in the William Neal Reynolds Coliseum at the college Saturday night, May 15, from 8 o'clock until midnight. Music will be provided by Billy May's Orchestra, directed by Sam Donahue. Pictured above are the sponsors for the dance set, with their escorts listed. Top row, left to right: Miss Peggy Eakes of Raleigh with Louis Brunetti, Jr., of Delray Beach, Fla., dance committee; Miss Jane Bashford of Ra-

leigh with E. Frank Morgan, Jr., of Greensboro, secretary of the Interfraternity Council; and Miss Jane Lee of Raleigh with Jim Hilton of Ames, Iowa, chairman of the dance committee. Pictured at the left center is Miss Sandra Donaldson of Goldsboro with Larry Petty of Gastonia, president of the Interfraternity Council. Bottom row, left to right: Miss Dorothy Ann Swisher of Southern Pines with Robert B. Jordan, III, of Mt. Gilead, vice president of the Interfraternity Council; Miss Theresa Brown of Statesville with Charles Sherrill of Troutman, dance committee; and Miss Mary Lee Lefar of Gastonia with Samuel Pierson, III, of Enfield.

## Hinkle To Help Edit World Dictionary

Dr. L. E. Hinkle, head of the Department of Modern Languages at N. C. State College and director of the college's Translation Service, has been named a consultant for the Encyclopedia Britannica's "World Language Dictionary."

The N. C. State professor has been requested to review the copy for the dictionary and to submit suggestions for improvements, revisions, and eliminations. Dr. Hinkle has been working on his assignment for the past four months.

The dictionary, Dr. Hinkle said, will aid an American to speak in six different foreign languages—

French, German, Spanish, Italian, Swedish, and Yiddish. Dr. Hinkle is an authority in all six languages.

John V. Dodge, managing editor of the dictionary, said the volume is designed as a reference book, a textbook, and for world travelers.

Commenting on the work, Dr. Hinkle stated:

"The United States has come up against language difficulties quite acutely since it finds itself a world leader. Up until recently, we have been deficient in our language knowledge which has hampered us a great deal. This is an effort to counteract this deficiency."

## DKPhi's to Sponsor "Dep't Head Talk" For Rising Textile Sophomores, Juniors

Delta Kappa Phi Textile Fraternity is going to sponsor a "Dept. Head Talk" for the rising Textile Sophs and Juniors on Thursday May 20, at 12:45 p.m. in the Textile Auditorium. The title of the discussion will be "What Will Be My Major?" There will be a short talk given by the Department heads on the various options offered in the School of Textiles. The options offered are: Yarn Mfg., Textile Chemistry and Dyeing, Weaving, Knitting, Synthetics, Machinery Development, General Management, and Quality Control. The discussion will cover such

items of interest as: What each option or dept. has to offer the student, what the student can expect to learn, the importance of each, the kind of job the student will probably have, etc.

The selecting of an option in textiles is one of the most important tasks the student is confronted with, and it is believed that this discussion will aid the textile student in selecting his major early so that he can begin channeling his thoughts, efforts, and summer employment in that direction.

The discussion will not last over 45-50 minutes.



**WILLIAM K. COLLINS**

**CHARLES A. FULP**

William K. (Bill) Collins of Henderson (left) and Charles A. Fulp of Winston-Salem (right), both seniors at North Carolina State College, have been chosen as the outstanding senior in agronomy and the winner of the outstanding scholarship award in agronomy, respectively. They were chosen for the honors by a student committee, headed by Willard K. Wynn of Raleigh. Collins is president of the Senior Class, president of Blue Key, member of the Board of Directors of the College Union, and was chairman of the agronomy exhibit at the State Fair. Fulp is president of the Agronomy Club, vice president of the YMCA, arch regent of Golden Chain, and winner of the National Fertilizer Scholarship Award. They will receive trophies from the Plant Food Institute of North Carolina and Virginia.

### State Grad Top Engr. For Radio Free Europe

Munich, Germany—Lucian C. Davis, who attended North Carolina State from 1932-34, has been appointed U. S. supervisor of the engineering department of Radio Free Europe, the American-sponsored station broadcasting to Communist-ruled Eastern and Central Europe.

Davis, a veteran of four years wartime service with the U. S. Air Force, has been a professional radio engineer since 1939. Explaining his reasons for joining RFE, he says: "I feel that RFE is the most effective organization now engaged in fighting Communism. This, aside from an opportunity to work with what I believe to be an efficient organization and helping in a most interesting job."

Radio Free Europe, the multi-million broadcasting operation supported by public contributions to the Crusade for Freedom, beams more than 2,500 hours of honest news, music and entertainment each week to the captive peoples of Central and Eastern Europe.

Using more than 20 huge transmitters near Munich and Lisbon, RFE broadcasts in Czech, Polish, Hungarian, Rumanian and Bulgarian, keeping alive the spirit of hope and liberty among the 70,000,000 people held by the Soviet-imposed regimes.

Actually five radio networks in one, RFE is composed of the "Voice of Free Poland" and "Voices" for each of the other target countries.

Unlike the Voice of America, the British Broadcasting Corporation and other government-owned radio stations, RFE is a private organization, dependent on funds contributed to the Crusade of Freedom. Instead of presenting the official view of events, in the non-Communist world, it broadcasts the true story of the situation in the satellite area, thus competing with the Communists' own stations for their audiences.

RFE's main effort is to expose Communist lies and distortions and bring the truth to people who have no chance to learn for themselves. In carrying out this aim, RFE airs 434 newscasts every week.

The effectiveness of RFE broadcasts is shown by the constant stream of abuse aimed at it by the Communist press and radio, hundreds of letters smuggled through the Iron Curtain, and the reports of refugees who have risked their lives to escape to the West.

Only recently, Scanteia, the official Communist newspaper of Rumania, devoted a full column to attacking RFE, while Polish Lieutenant Zdislaw Jazwinski flew his Russian-built MIG-15 jet to freedom last spring because he had heard broadcasts of the earlier escape of his fellow pilot Franciszek Jarecki. Both Jarecki and Jazwinski told interviewers that the "Polish Tea Party," a weekly RFE program, was the most popular radio hour in Poland.

Further proof of RFE effectiveness came just recently from three surviving Czechs who escaped to West Berlin after a running 28-day gun battle with Communist security forces across Czechoslovakia and East Germany. Citrad and Josef  
(Continued on page 10)



The Inter-Dormitory Council met at their annual banquet last week and elected the new officers for the coming 1954-55 year. (from left to right) Bud Gaskins was elected the new vice president, Colbert Dilday the new president and Craig Barnhardt the new secretary-treasurer.

### Colbert Dilday, C. D. Gaskins, C. L. Barnhardt Elected New IDC Officers

Colbert L. Dilday of Route 1, Colerain, a junior at N. C. State College, is the new president of the Interdormitory Council, an organization of the students living in State College's 12 dormitories.

Dilday succeeds Al Parker of Charlotte, who headed the council during the current school year.

Other officers who will serve with Dilday include C. D. Gaskins of Route 1, Black Mountain, vice president; Craig L. Barnhardt, Jr., of New Bern, secretary. Both Gaskins and Barnhardt are juniors in the college's School of Engineering.

### New "Y" Officers Formally Installed

The four major officers of the N. C. State College YMCA were formally installed in their new positions during a program at the College "Y" recently.

John Wade Fuquay of Route 1, Snow Camp, was inducted as the "Y" president, succeeding Roy E. Congleton of Chadbourn, who served in the office during the current school year.

Other officers who were installed were Billy Howard of Richlands, vice president; Hugh Max Miller of Winston-Salem, secretary; and James M. Stewart of Norlina, treasurer.

The installation speaker was the Rev. Charles K. McAdams, assistant pastor of the Edenton Street Methodist Church, who was president of the N. C. State "Y" during his senior year in 1942.

### Pershing Rifles To Drill For "Ike"

The Pershing Rifle Company, precision drill unit of the Army ROTC Regiment at N. C. State College, will stage a special drill performance for President Eisenhower and others attending a program marking the anniversary of the signing of the Mecklenburg Declaration of Independence in Charlotte next Tuesday.

About 40 ROTC cadets will take part in the Charlotte exercises. The group, directed by Roy E. Congleton of Chadbourn, will present their program in Charlotte's Freedom Park amphitheater.

The N. C. State students will leave Raleigh for Charlotte Monday afternoon and will return to the campus here Tuesday following the exercises in Charlotte.

The drill performance will be televised.

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Dean Malcolm E. Campbell of the School of Textiles at N. C. State College (left above) presents the Keever Starch Company Scholarship, valued at \$400, to Marvin Boyd Crow of Lexing-

ton, a top ranking senior in the School of Textiles at the college. Crow was chosen for the award in competition with all seniors enrolled in textiles at the college. (Photo by Allan Robinson.)

# Senior in Textile School Wins \$400 Scholarship

Marvin Boyd Crow of Lexington has been chosen the 1954 winner of the Keever Starch Company Scholarship, valued at \$400, in the School of Textiles at N. C. State College.

In making the announcement recently, Dean Malcolm E. Campbell of the college's School of Textiles and George H. Dunlap, director of the School's Placement Bureau, said the award is presented annually to the outstanding senior entering textile manufacturing.

Selection of Crow as the scholarship recipient is regarded as one of the highest honors open to him at the college and is recognition of

top-ranking academic achievement and outstanding performance in extra-curricular activities.

Dunlap said Crow is "one of the finest young men with whom I have ever had the opportunity of working." Dean Campbell also lauded Crow's college record and his leadership in campus affairs.

The award to Crow was based on his character, leadership, and initiative.

A 1950 graduate of Lexington High School, Crow entered N. C. State's School of Textiles in Sept., 1950, and has been highly active in campus affairs since that date. He is president of Phi Psi, honorary textile fraternity; vice president of the Baptist Student Union;

treasurer of the Tompkins Textile Society, an organization of all the students in the School of Textiles; and is company commander of his ROTC unit with the rank of cadet lieutenant colonel.

In addition, he is a member of Blue Key, leadership organization; Golden Chain, senior honor society; and is a "Distinguished Military Student." He played football at the college his freshman and sophomore years and has taken an active part in intramural athletics. He was chairman of the biennial "Open House" in the School of Textiles last fall.

Crow will receive his B.S. degree in textiles at N. C. State during the annual commencement program Sunday, June 6, and has accepted a job upon his graduation with the Dunean Plant of J. P. Stevens and Company in Greenville, S. C. Immediately prior to his graduation, he will be commissioned as a second lieutenant in the U. S. Army's Quartermaster Corps as a result of his four years of training in the college's Army ROTC Regiment.

Crow is the son of Mr. and Mrs. Smith Crow of Lexington. His father is vice president in charge of manufacturing for the Erlanger Mills in Lexington.

If there be any strong among us who would wish to dissolve this Union or to change its republican form, let them stand undisturbed as monuments of the safety with which error of opinion may be tolerated where reason is left free to combat it.

## Spring Symphony Is Well Received

The Spring Symphony Concert presented by the State College Orchestra last Sunday was well received, and—considering the Mother's Day exodus from the Campus and community—well attended.

The program included Schubert's "Unfinished" Symphony (Symphony No. 8 in B Minor), Bizet's L'Arlesienne Suite, No. 1, "Dance of the Hours, from "La Gioconda" by Ponchielli, and "An Outdoor Overture" by Aaron Copland. The concert was sponsored by Mu Beta Psi, honorary music fraternity, and is the final concert for this term.

Participating in the orchestra were *Violins*: Wallace Grieves, Roberta Heaton, Phyllis Weyer, Bessie Raye McMillan, Robert Lammel, Olive Miller, Pat James, William Sumner, Janet Sivivk, Frank Justice, Francis Eubanks; *Violas*: Stewart Baker, William Benton, Elizabeth Winston; *Cellos*: Dewey Brett, Janet Pratt; *String Bass*: Joseph Hall, Albert Aan; *Harp*: Emily Kellam; *Piano*: Cornelia Winton; *Flutes*: Lloyd Bostian, Suzanne Axworthy, Chris Woodbury (*Piccolo*); *Oboe*: Richard Davis; *Clarinets*: Curtis Craver, Joel Goldin; *Bassoons*: Donald Heafner, Eddie Powell; *Horns*: Irwin Jones, William De-Turk; *Trumpets*: Richard Gable, Robert Rankin; *Trombones*: Raymond Sawyer, Lawrence Sherrill, Edward Avent, III; *Timpani & Percussion*: James Dalby, Hazel Miller; *Conductor*, Christian Kutschinski.

## Dr. Anderson Elected To National Post

Dr. Roy N. Anderson, director of student personnel at N. C. State College, has been elected to two national posts—the executive council of the American College Personnel Association and the delegate assembly of the association representing the National Vocational Guidance Association.

Official notification of Dr. Anderson's election to the key professional positions was received at the college recently.

He is also chairman of the professional placement committee and is the North Carolina representative on the television committee of the APGA.

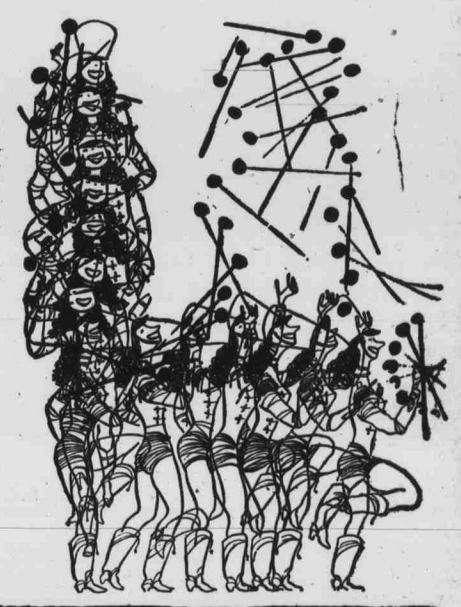
A native of Denver, Colo., Dr. Anderson has been director of student personnel at N. C. State since 1946 and at one time served as acting dean of the School of General Studies. Previously, he was on the faculty of Columbia University, the University of Denver, and New York University and was educational program director of S. H. Kress and Company, New York City, 1943-46.

"The foundation of every state is the education of its youth."  
—Diogenes

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There is nothing more frightful than ignorance in action.  
—Goethe



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### Alumni Association Service Award Goes To John W. Clark

The Alumni Association of North Carolina State College presented its 1954 Meritorious Service Award to John W. Clark of Franklinville and Greensboro during its annual luncheon meeting at the college.

Clark, a long-time friend and supporter of the college, received a B.S. degree in mechanical engineering in 1906 and a B.S. degree in textiles from N. C. State in 1907. The award was presented to him by Frank B. Turner of Raleigh, president of the college's Alumni Association.

The Alumni Athletic Trophy was presented to Mel Thompson of Richmond, Ind., star basketball player. The trophy was presented to Thompson by M. A. Morgan of Smithfield, vice president of the Alumni Association.

Dr. Carey H. Bostian, chancellor of State College, addressed the alumni at the luncheon.

The citation honoring Clark said, in part:

"Mr. Clark led the movement to borrow \$1,100,000 to finance the construction of Owen and Tucker Dormitories at N. C. State. He has served as president and chairman of the Board of Directors of the Alumni Association, and is now a member of the Special Gifts Committee for the Alumni Fund. He has been a trustee of State College for 33 years, and is now a member of the Executive Committee of the Consolidated University Board. He is a member of the Board of Directors of the Engineering Foundation, the Textile Foundation, and the Forestry Foundation.

"As president of two large textile mills, he finds time to devote (Continued on page 8)



### One Is One Too Many... When Driving

If you're an HBD, you're headed for trouble when you drive a car. Those three letters can increase the seriousness of any traffic charge against you, make it practically certain you'll be convicted—and increase the penalty. HBD, written on the police blotter, stands for "had been drinking." And if they're written alongside a traffic charge against you they mean trouble. It isn't necessary to be drunk while driving. "Had been drinking" is enough—even if you've had only those proverbial "couple of beers."

Only about 1,500 people died of poisons accidentally last year in the United States. Unless, that is, you count alcohol in a driver as poison

—which it is, judging by results. Last year about 30 per cent of all North Carolina drivers or pedestrians involved in fatal accidents were those who "had been drinking."

For when a driver or passenger is taken to the hospital after an accident the hospital all too often adds three more letters to the HBD on the police blotter. Those three letters are DOA—dead on arrival.

### Drill Teams of Five States Meet-Compete

Precision drill teams from five states will compete in a Regimental Drill Meet of the Eastern Division, Fourth Regiment, Pershing Rifle Society, at N. C. State College tomorrow, May 15, beginning at 1 p.m.

The program will feature competition among both regular Army ROTC drill teams and precision drill teams from colleges and universities in North Carolina, South Carolina, Georgia, Florida, and Tennessee.

The colorful exercises will be open to the public without charge.

Institutions competing in the event will be University of Miami, University of Georgia at Athens and Atlanta, Furman University, East Tennessee State, Clemson, Georgia Tech, Mercer University, North Carolina A & T College, and N. C. State.

"Education makes a people easy to lead but difficult to drive; easy to govern but impossible to enslave." —Lord Brougham

### TECHNICIAN

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### "Singing Sigs" Are Busy Making Local Appearances, News

The singing group of the Delta Epsilon Chapter of Sigma Chi has been busy around Raleigh in recent weeks. On Thursday, April 29, the group of men sang for the Southern Association of College and University Business Offices at the Hotel Sir Walter. On May 11, the group sang for the Raleigh Jaycee Convention. The Sigs have also accepted an invitation to sing for the Raleigh P.T.A. Banquet on May 18.

The "Singing Sigs" consists of Gene Cocks, George Meares, Ray Myers, Ron Fagan, Terry Lanthrop, "Spike" Pierce, Clarence Bostian, Blair Jenkins, Henry Saye, Don Stowe, John Lane, Tom Moore, Ray Fentriss, Neal Alexander, Jesse Capel, Bill Abernathy, and Bill Williams. The singers are directed by Miss Elsie Williams.

### E. B. Gossett Lecture Features McFarland

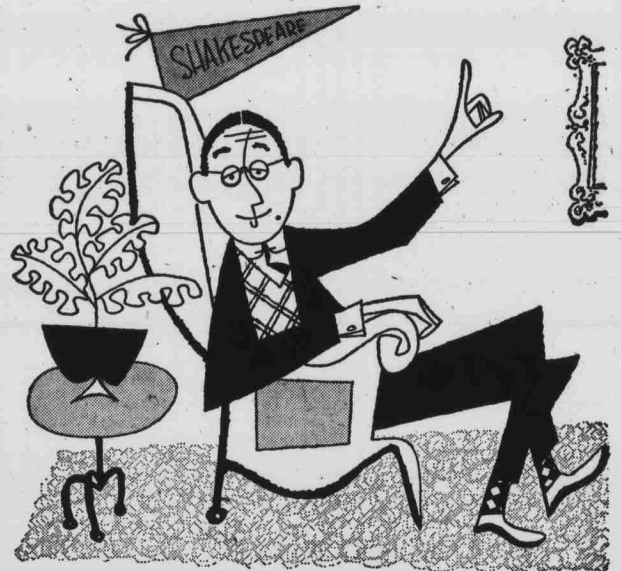
Professional or vocational skill alone will not bring success, Dr. Kenneth McFarland of Topeka, Kan., educational consultant for the General Motors Corporation and the American Trucking Association, said in an address at N. C. State College recently.

Dr. McFarland's talk was a feature of the "E. B. Gossett Textile Lecture Series" in the School of Textiles at State College. The speaker was introduced by Dean Malcolm E. Campbell of the college's School of Textiles.

The human element, Dr. McFarland said, is a bigger factor in the professional and business world than is commonly realized. He said studies indicate that it is rare when a professional or vocational failure can be traced to a lack of skill.

"It is not enough to know something," he stated, "you got to be something."

(Continued on page 8)



### "Let's get to the bottom of underwear!" cries aesthete

"DEVASTATING!" trills Tippitoees Thweet, leading ivory-tower dreamer and culture-lover. "Yes, those clean, smooth lines... that exquisite fabric... the implacable honesty of its design... no wonder Jockey brand Underwear is also preferred by sensitive souls everywhere! Just try them, Oscar... you'll be Wilde about them!"

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all underwear gives you coverage but



Jockey Shorts



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### THE LOGIC MAJOR WHO HATED ROLLS



Recently a young mid-westerner enrolled at a university as a Logic major. His father had told him, with some understatement, that he was illogical. He refused to squire a pretty girl to a dance because her name was June Betz and he was against gambling.

He wouldn't eat avocados because they were also called "alligator pears" and he didn't like alligators.

In addition, he was a slob.

Some of the men in his dorm tried to talk to him.

"Look at that shirt," they said "The material's cheesy. Why don't you hop down and get a Van Heusen Oxfordian... it's soft, fine oxford cloth."

"I'm not attending Oxford. I'm attending Old Siwash," answered our boy.

"But, look, Buster. This oxford cloth is woven tighter so it'll last longer. It's a smart investment. And it only costs \$4.50."

"So who needs it? I might get hit by a truck. Then what good would it be?" quoth Buster.

"What about your collar? Flat as a pancake! Don't you want a good-looking button-down with that famous Van Heusen relaxed-roll?" one asked.

"I got nothing against pancakes. I hate rolls."

Note: Our man flunked Logic post haste, and was drafted. The Army has him classified under "Secret Weapons."

# the Technician SPORTS

## State Over Deacons 2-1

### Through The Keyhole

LEONARD A. BINDER Sports Editor

#### The Week In Sports

This past week was the most exciting seven days that the world of sports has witnessed in many a moon.

The big news was the running of the four minute mile by Roger Bannister, a young British student at Oxford University. This record has been threatened many times in the past, but few people expected this lean six footer to finally reach the goal which so many other track stars had tried so hard to achieve. However, achieve it he did, and thus the name of Roger Bannister will go down in the records as the first person to ever run the four minute mile. Bannister said after the race that it would have given him more satisfaction to have beaten Wes Santee, the American distance star from the University of Kansas, than to have shattered the record. Perhaps Bannister will get his chance to do just that when the two meet in the United States this summer.

Another track mark almost as sought after was broken this past week. Parry O'Brian, the huge California shot putter, put the sixteen pound lead ball a full five and a fraction inches over the sixty foot mark to beat the world's record in this event. Parry has dominated the field in this particular track event for the past few years, and it came as no great shock to the sport's world that he did what he did. O'Brian is one of the real great track stars in the world today.

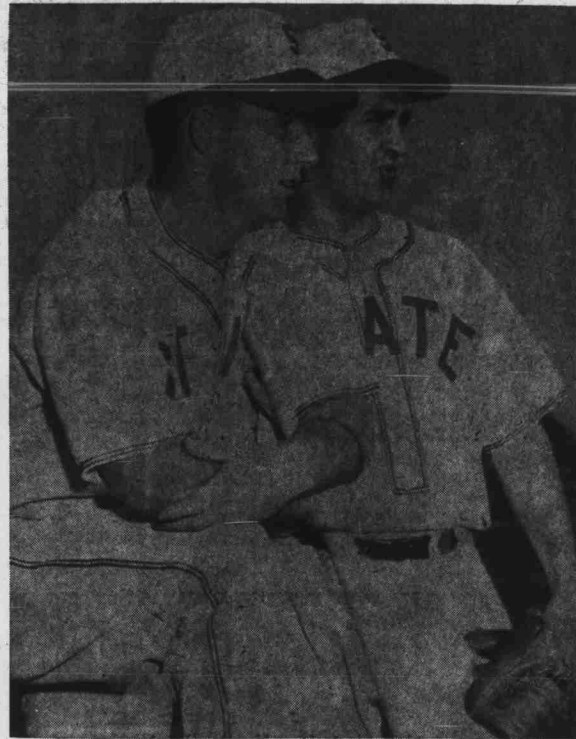
Last Saturday, the Wolfpack of State College won an exciting game in the tenth inning over the Deacons of Wake Forest by a score of 8-7. Johnny Yvars and Joe Barringer led the hitting attack for State with three hits apiece. The win put a damper, for the moment at least, on the Big Four title hopes of the Deacons.

However, State did not fare as well that day on the track field as they dropped a duel meet to the Wildcats of Davidson. The State tennis teams were victims of a 5-4 beating at the hands of the Gamecocks of South Carolina on the same afternoon.

On Saturday evening the State varsity hoop squad split up into two groups and played the annual Red White game. Although the Red team had looked the better of the two squads during the practice sessions, the White team under the direction of seniors Herb Applebaum and Dick Tyler ran away from the Mel Thompson's Red team. In the game, Dave Gotkin was the high scorer with a total of 31 points. Dave played a terrific all around game and put in almost every kind of shot possible during the course of the evening. Vic Molodet, Dave's running mate at guard, scored 16 points, and

(Continued on page 6)

#### Keystone Combo



#### Yvars and Turney

### THE Dorm Corner

By Jerry Armstrong

The sectional playoffs in about all the sports are finishing up next week and some of the campus titles will be on the line very soon. Horseshoes, badminton, and track should be finishing up their season's play the last of next week.

#### Badminton

Becton No. 1 continued to set the hottest pace in the league with two more victories over Turlington No. 2 and Owen No. 2 during the last two week's action. The first game with Turlington was won by forfeit with Overton, Byrd, Armstrong, and Thrower comprising the Becton team. In the second game, the Becks took all three events with Lundy defeating Owen's Beck, the other singles match was won by Becton's Overton over Welten and the doubles team of Becton, Armstrong and Thrower, combined to down the doubles team from Owen by a forfeit.

Becton No. 2 split their two last games with a win over Tucker No. 2 but dropped a decision to Syme No. 2. The Becks took their victory by via of a forfeit and also fell to Syme No. 2 in the same manner.

The Berry Sportsmen couldn't seem to click in their match and they went down the "loser's trail" when Syme No. 2 took a hold on the winning end of the match. In the two singles matches, Causby and Kheuw took games from Berry's Mayhew and Stanfield respectively.

The doubles team from Syme, "Smasher" Holt and Dickey, dropped Berry's team, Santoli and Holt, in straight sets.

(Continued on page 6)

### Frat All Campus Choices Made

By Spec Hawkins

Fraternity all-campus selections for the winter term in basketball, swimming, table tennis, bowling, and handball have been announced by Mr. L. L. Miller, intramural director, and are as follows.

BASKETBALL	
Honeycutt	Sig Nu
Agnew	Sig Nu
Buchanan	PKA
Rudikoff	SAM
Abernethy	Sig Chi
SWIMMING	
Gary	PKA
Staton	PKA
Walton	SAE
Farmer	SAE
Riggs	SAE
Dillard	Sig Chi
Shaw	Sig Chi
TABLE TENNIS	
Greenberg	PEP
Morgan	Sig Chi
Rudikoff	SAM
Cooper	SAM
BOWLING	
Alford	PKA
Corn	SPE
Weisenger	PKP
Jenkins	SPE
HANDBALL	
Steiger	SAM
Rudikoff	SAM
Handelman	PEP
Walter	SPE

(Continued on page 6)

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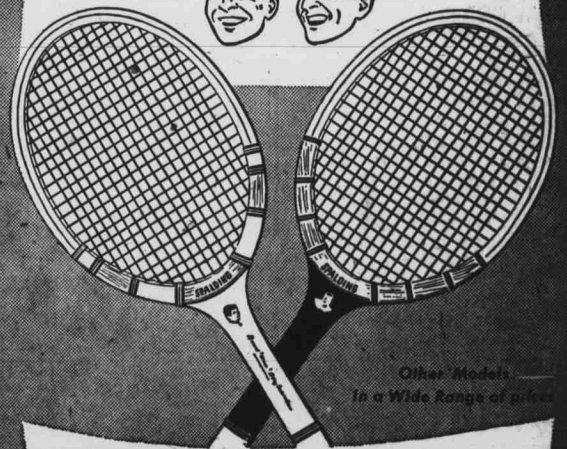
Feel that new surge of power, that new sense of control! Man, there'll be no holding you!

\*MEMBERS OF THE SPALDING ADVISORY STAFF.

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# SPALDING

SETS THE PACE IN TENNIS

ALL CAMPUS—

(Continued from page 5)

PKA'S copped both the bowling and basketball championships. Sig Chi's won table tennis and swimming, and the SAM'S, as usual, took handball.

Preliminaries for the annual fraternity track meet were run off last week and the following who qualified will compete for honors on Tuesday night, May 18 on the track field. The discuss starts at 6:30 and all other events at 7:00.

100 YD

Pelerson	Kap Sig
Gasler	SPE
De Hartson	Kap Sig
Graddens	Sig Chi
Stranghan	SAM
Record: Hall, K.A., 1952-10.8	SAE

880 YD RELAY

SAE'S	
SAE'S	
SIG NU'S	
KAP SIG'S	
Record: Kap Sig's, 1953-1:41.9	

440 YD

Honeycutt	Sig Nu
DeHartson	Sig Chi
Jordan	SAE
McCall	Sig Pi
Conrette	SAM
Thackston	Kap Sig
Record: Honeycutt, Sig Nu, 1953-56.4	

THREE-FOURTHS MILE

No preliminaries  
Record: Jones, Sig Chi, 1950-3:44

DISCUS

Broone—96 ft. 1 in.	PKA
Cameron—90 ft. 3 in.	SAE
Pelerson—89 ft. 9 1/2 in.	Kap Sig
Stuart—86 ft. 4 in.	SAE
Van Horn—84 ft. 8 in.	Sig Chi
Gasler—83 ft. 7 in.	SAM
Record: Abernethy, Sig Chi, 1953-114 ft. 2 in.	

HIGH JUMP

Taylor	F. House
Winecoff	SPE
Thomas	Kap Sig
Cocke	Sig Chi
Walter	SPE
Osburn	Kap Sig
Record: Tie 4 men, 5 ft. 8 in.	

12# SHOT

Thomas—42 ft. 4 1/2 in.	Kap Sig
Broone—42 ft. 6 in.	PKA
Cameron—42 ft. 5 in.	SAE
Rykes—38 ft. 9 in.	Sig Pi
Yancy—38 ft. 1 in.	SPE
Stelger—37 ft. 11 in.	SAM
Van Horn—37 ft. 11 in.	Sig Chi
Record: Gross, Sig Nu, 1952-46 ft. 8 in.	

BROAD JUMP

Honeycutt—18 ft. 8 in.	Sig Nu
Boggs—18 ft. 1 1/2 in.	Kap Sig
Sears—17 ft. 8 in.	KA
Stuart—17 ft. 8 1/2 in.	SAE
Taylor—17 ft. 8 in.	F. House
Gasler—16 ft. 9 1/2 in.	SAM
Record: Evans, Sig Chi, 1950-20 ft. 1 in.	

The fraternity intramural program will come to a conclusion with the annual presentation of the year's awards and honors at the Tower on Thursday night, May 27. Medals will be presented to the all-campus selections in each sport as well as trophies to the three top fraternities figured on a point system. The Sig Chi's, and PKA'S, and Sig Nu's in that order are the top contenders for the three top positions. Awards to the most outstanding basketball, football, and softball player in the fraternity program as well as to the top athletic director will also be made at that time.

DORM CORNER—

(Continued from page 5)

The Bagwell No. 1 "Dragnets" slipped down the loser's path this week by via of a lose to Owen No. 2 on a forfeit.

Horseshoes

"That hot race," is the way Bagwell's ace Henry Ramseur sums up the horseshoe "pitching race," which seems to be becoming an individual race between the teams of Bagwell No. 1 and Becton No. 1. No one can seem to guess the outcome of it but Joe Bray, Becton's "rightfooted toser," commented that, "I guess after all the dust has cleared away and the last pitch is thrown the team comes out on top of the score will be the winner."

Becton No. 1 pulled through in their matches with Turlington No. 2 to stay in the tight race. Brown won the only match for the Turlis with his hard fought victory over Whitley of Becton. Tommy Trulove of Becton combined in the other singles match to defeat Elliotte of Turlington. The Doubles team of Turlington tried hard for a victory but fell short as their opponents from Becton took charge and the

match. Cross and Frankos played the doubles for Becton.

Tucker No. 1 had quite a fight on their hands this week but, managed to pull some tricks out of the bag and take a forfeit victory from Syme No. 2. Varge, Campbell, Gilleland, Taylor composed the Tucker team.

The Bagwell No. 1 "Dragnets" paced by their ace, Henry Ramseur, came through in usual fashion to take the best two out of three matches from Syme No. 1. Ramseur took his match from Walker, and Ramey took the other singles match from Syme's Phillips to win the match. The doubles team of Bagwell's, Barnhardt and Johnson, had some tough breaks and they dropped their match to Leonard and Murray of Syme.

Softball

Bagwell's "Dragnets" with a burst of enthusiasm and spirit took a blazing win over Owen No. 2 by a forfeit.

Becton No. 2 pushed their chances of winning their section to almost a sure thing last week and this week with two consecutive wins over Vetville by a forfeit and Owen No. 2, 5-4. Becton jumped off to an early lead in the Owen game, 5-1, but found the Oowners more

determined than they thought as they had to starve off a late inning rally of three big runs. Becton's Bob King and Paul O'Hara were the individual heroes of the game with their four hits for as many times at bat. This gives Becton a perfect record of 5 wins against 0 defeats.

Becton No. 1, after dropping their first game of the season last week, redeemed themselves this week with a crashing bolt thrown at Tucker No. 2 in a win, 20-3. They scored 6 in the first, 5 in the second, and 9 in the third innings. Tucker's pitching was one of the big margins in the game as their hurlers allowed 14 walks and 15 hits. Bray and Biggerstaff paced the Beets with a homerun and a single each.

A big third inning which accounted for 10 runs was the deciding factor for victory in the Owen No. 1-Bagwell No. 2 game with the Oowners coming out on top of the score. Walks and errors were the outstanding things which hindered the Bags game as they came out on the bottom end of a 17-5 score.

Big Jim Causby with his homerun and two singles proved to be one of the main factors in Syme No. 2's win over Turlington No. 2, 15-8.

THROUGH THE KEYHOLE—

(Continued from col. 1)

he was sensational doing it. Ronnie Shavlik, the 6-7 pivot man who moves like a guard, swished 26 points through the nets to lead the White team. Whitey Bell looked very good at one of the guard spots for the Whites also. From the looks of the contest, the Wolfpack will have plenty of height, speed, hustle, and offensive savy. However, the team needs quite a bit of work on its defense before it is ready to meet opponents the likes of which they will have to face this coming court season.

The next morning, the papers all over the country carried the story of the N.C.A.A. rulings on those colleges and universities which, in the opinion of the association, had violated the regulations on the procurement and the financing of college athletes. As a penalty for these violations, the Wolfpack of State College has been prohibited from playing the annual N.C.A.A. basketball tournament for one year. In order to get a bid to this tournament in the first place, the Wolfpack would have to have first won the A.C.C. tourney. Since, however, they have done this for seven of the past eight years, it looks as if the N.C.A.A. has really dealt the Wolfpack a severe blow. Since none of the other schools were given penalties the likes of which the State College team received, it seems as if the N.C.A.A. was a little unjust in its ruling, since it is quite obvious even to the lay observer of sports that all large athletic powers in the country go to as great if not greater extremes in order to get a certain athlete for a certain sport than State College does.

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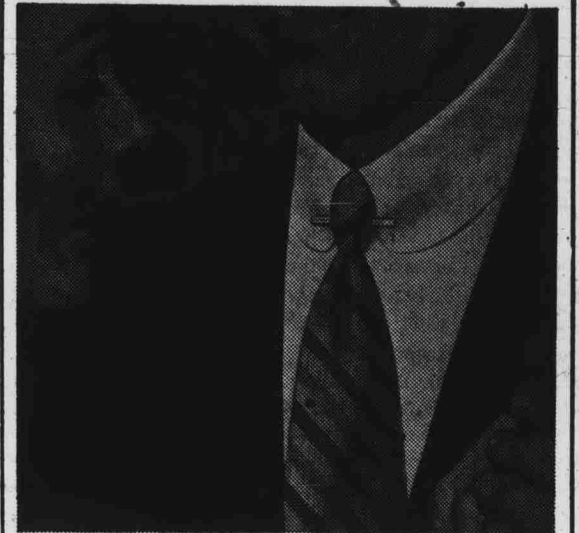


Look around! You'll see the best-dressed men on campus wearing Arrow Radnor... the popular shirt with smart, new rounded-point collar. Like all Arrows, Radnor is flawlessly tailored for perfect fit... of fine "Sanforized" fabric that won't shrink more than 1%. See us today for the shirt that keeps you looking your smartest... Arrow Radnor—in white or colors.

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Advertisement for Wildroot Cream-Oil featuring a cartoon by Al Capp. The cartoon shows a man with a large nose and a woman with a large nose, both using Wildroot Cream-Oil. The man says, 'YOU SHOT OFF MY (LIFT) BADGE! ARE YOU SURE YOU'RE THE CHIEF?' The woman replies, 'HONOR BRIGHT, OLD PAL! THAT WAS (MURKLE) JUST A SLIGHT MISTAKE!' The man says, 'YOUR MISTAKE!—IN REALITY, YOU ARE ANYFACE, CRIMINAL MASTER OF DISGUISE!—BUT YOU (MURKLE!) FORGOT TO DISGUISE YOUR MESSY HAIR WITH WILDROOT CREAM-OIL!' The woman replies, 'THE SAME WILDROOT CREAM-OIL, WHICH IS NON-ALCOHOLIC, CONTAINS LANOLIN, AND IS AMERICA'S BIGGEST-SELLING HAIR-TONIC! GET WILDROOT CREAM-OIL, CHARLIE!' The man replies, 'BUT THAT WOULD BE DISHONEST!! MY NAME IS EDGAR!!'

### Textile Students, Profs Attend N. J. Show

Thirty faculty members and 83 students in the School of Textiles at N. C. State College went recently to Atlantic City, N. J., where they attended the American Textile Machinery Exhibition.

Mrs. Ann Price Smith of Raleigh, a senior in the school and one of the students attending the exhibition, was honored during the exhibition as the national winner of an essay contest sponsored by America's Textile Reporter and received cash awards totaling \$600 as the nation's top winner in the contest.

A leading student at the college, Mrs. Smith also received an expense-paid trip to the Atlantic City show as a result of winning the contest. She is the daughter of Mrs. Essie J. Price of Route 1, Raleigh, and the granddaughter of Mrs. A. A. Johnson and the late Mr. Johnson of Chalybeate Springs.

Mrs. Smith's essay, chosen as the best from hundreds of entries submitted by students from all of the nation's 10 college-level textile schools, was entitled "Why Textile Management and Operating Personnel Should Attend the American Textile Machinery Exhibition at Atlantic City April 26-30."

By winning top spot in the nation-wide contest, the N. C. State coed is considered to have made an outstanding achievement in view of the fact that only about one per cent of the nation's textile students is made up of women.

Dean Malcolm E. Campbell of the School of Textiles at N. C. State headed the college's delegation to the exhibition, which is regarded as the biggest show of its kind in the world and which features new and revolutionary machines and methods of use in the textile industry.

### Tests For Boiler Welders Set For 31

Procedure and certification tests for welders who wish to qualify under the boiler and pressure vessel code of the American Society of Mechanical Engineers will be held in the Park Shops Building at N. C. State College May 31 and June 1.

The tests are conducted four times a year by the State College School of Engineering in cooperation with the Boiler Bureau of the State Department of Labor.

Prof. R. L. Cope of the college's Industrial Engineering Department said welders are required to pass the tests before they can weld on boilers and other pressure vessels. Each contractor or manufacturer interested in having one or more men certified may obtain further information by writing to S. F. Harrison, Boiler Bureau, State Department of Labor, Raleigh.

Only welders who are employed in boiler or pressure vessel work are tested, Professor Cope said. The certification will be good only as long as the employee remains with a particular company and used its particular welding procedure.

Just as secrecy and democracy are incompatible, so totalitarianism and an informed public cannot co-exist.

—Indiana Law Journal, 1952

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## Duke Student Wins E. E. Contest Trip

William C. Yengst of Duke University won first place in the regional student papers contest of the Southeastern Section of the American Institute of Electrical Engineers which was concluded at N. C. State College recently.

Topic of Yengst's paper was "The Development of Corona Indicating Equipment and Its Use in Determining the Characteristics of Insulation."

Yengst will receive an expense-paid trip to the national convention of the AIEE in Los Angeles, Calif., and a \$25 cash award.

The second place winner was Robert A. Moore of the University of Alabama, who presented a paper on the theme, "An Electronic Teletype Distributor." He will receive a certificate.

Honorable mention went to John W. McIntyre of Clemson College for his paper on "A Laboratory Function Generator" and to Lynn-

wood L. Lay of the University of Tennessee on "Closed Loop Systems and Imperfect Bypassing."

Approximately 170 students from 17 colleges and universities in the Southeastern states attended the conference. Students in N. C. State College's School of Engineering were official hosts.

Principal features of the program included the presentation of technical papers and an inspection tour of N. C. State's engineering facilities. On the tour the group visited the nuclear reactor, the new electrical engineering laboratories, and observed a high voltage laboratory demonstration.

For whatever deserves to exist deserves also to be known, for knowledge is the image of existence and things mean and splendid exist alike.

—Francis Bacon

## UNC's Fred Weaver Speaks On Honesty At "Chain" Banquet

Honesty is "the most important lesson that a college has to teach," and an honor system provided "the best way to teach honesty," Dean of Students Fred Weaver of the University of North Carolina in Chapel Hill said in an address at N. C. State College last Thursday night.

Dean Weaver spoke at a banquet sponsored by Golden Chain, senior honor society at the college. The banquet was held to explain a newly-adopted honor system at State College.

Charles A. Fulp of Winston-Salem, arch regent of Golden Chain, was the banquet toastmaster, Dean Weaver was introduced by Assistant Dean of Students Banks Talley of State College.

Other speakers were Billy Barnes Oliver of Selma, retiring president of the State College Student Government; William K. Collins of Henderson, president of the Senior

## Schmitt Named Judge Of Ford Ind. Arts Show

Dr. Marshall L. Schmitt, associate professor of industrial arts education at North Carolina State College, has been named to judge electrical entries in Ford Motor Company's Industrial Arts Awards nation-wide competition at Dearborn, Mich., July 14-16.

Dr. Schmitt and 27 other leading American educators and industrialists will award \$45,000 in prizes at the eighth annual affair to more than 300 junior and senior high school students adjudged to be the nation's top school craftsmen.

The classroom projects, which must be made in school shops under instructor supervision, will be rated in 14 divisions. More than 5,000 projects from every state and territory are expected to arrive in Dearborn for the judging.

Class; and Sam Blount, Jr., of Washington, N. C., a Student Government leader.



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**SO, Be Happy—Go Lucky. Enjoy the better-tasting cigarette—Lucky Strike.**



## LUCKIES TASTE BETTER Cleaner, Fresher, Smoother!

## Consolidated 'U' Day At Woman's College

Consolidated University Day will be held Saturday May 15 at the Woman's College of the University of North Carolina. The Woman's College C. U. Day is sponsored by the campus delegation of the Consolidated University Student Council and is an annual affair.

The afternoon activities begin at three o'clock and are sponsored by the Recreation Association. Facilities for softball, billiards, ping pong, skating and dancing, and badminton will be offered for stags, couples, and groups. The evening program will center around an informal dance in the Elliot Hall Ballroom, which is to be preceded by a talent show. Admission to the dance is 50c for couples and 25c for stags.

## ROTC Awards Review Today

The N. C. State College Air Force Reserve Officers Corps sponsored the joint Army-Air Force annual ROTC awards review and parade on the college track field today at noon.

Receiving the salute of the combined Army and Air Force units, composed of about 2,000 cadets, was Major Gen. Edward J. Timberlake of the Ninth Air Force with headquarters at Pope Air Force Base; President Gordon Gray of the Consolidated University of North Carolina; and Chancellor Carey H. Bostian of N. C. State College.

Top-ranking students in the college's ROTC units were honored for meritorious service and achievement during the current school year at the parade and review.

General Timberlake presented awards to the Air Force ROTC cadets. Army cadets also were honored.

The visiting Air Force general arrived at the Raleigh-Durham Airport today at 11 a.m. and was met there by Col. William J. Jowdy, professor of air science at State College.

Col. Richard R. Middlebrooks is commandant of the college's Army ROTC Regiment and is professor of military science and tactics.

### CLARK—

(Continued from page 4)

his talents to many other business enterprises, including a 3,000-acre farm in Halifax County now managed by a State College graduate. He has served as president of the Southern Textile Association, and on the Board of Governors of the N. C. Cotton Manufacturers Association. He is deeply interested in the development and conservation of our forest resources, and is a director of the N. C. Forestry Association. Active in civic and church affairs, he has served as chairman of the school board and superintendent of the Baptist Sunday School in Franklinville. He was commissioned a second lieutenant in the field artillery in 1918. His son, Walter McKenzie Clark, graduated at State in 1950 in Mechanical Engineering and in Textile Manufacturing in 1952.

"In addition to these achievements and services—and perhaps above them—is the spirit in which John Clark has performed them. To each recognition that has come to him, he has always said, 'but I do not deserve it.' That very attitude marks the mind, the heart, the soul, the man that is John Washington Clark. He has been a builder of State College who has never sought personal glory for a single act of influence or contribution that he has made in behalf of his college. His record of devotion to Alma Mater, in fact, needs no claims from him—a man who has always lived in terms of 'we,' the team. . . ."

## "Slave Poet" Walser Subject

"George Moses Norton, North Carolina's Slave-Poet" was the topic of a lecture given by Prof. Richard Walser of the English Department at N. C. State College recently.

Professor Walser's talk, sponsored by the library committee of the State College Union, covered a wide range of research material which Walser has developed and hopes will eventually be written into a biography of Norton. The proposed book, the speaker said, will contain selections from Norton's output.

In his talk on the late poet, Professor Walser stated:

"The slave George Moses Norton was certainly the most unusual poet ever born in North Carolina, and is one of our few professional poets. Though almost unlettered, he managed to sell love verses to students in antebellum Chapel Hill and to make a little money on three

## Concerts Cancelled —Lack of Interest

C. D. Kutschinski, Director of Music, regrets having to announce cancellation of the band concert scheduled for the next two Sundays, May 16 and May 23. Through either lack of interest, lack of time, or lack of appreciation of musical opportunities offered by State College, not enough bandmen have come out for the required rehearsals on their own time to produce the kind of concert Band State College has been accustomed to and is entitled to.

separate volumes. His abolitionist stanzas were used for propaganda purposes in the North, and in 1865 after a life spent in Northampton, Chatham, and Orange counties he took up with Federal troops and went to Philadelphia. His unique career, every page of which is filled with almost unbelievable events, has never received adequate study."

## AIEE-IRE Picnic At Mohawk Club

A picnic for all Electrical Engineering Students will be held Saturday evening, May 22, at 4:00 p.m. at the Mohawk Club. The event will be sponsored by the AIEE-IRE. Food and drinks will be served free to all students, dates, wives, and children.

All E E students planning to attend should sign up at the E E Department office in Daniels Hall, or at the AIEE-IRE meeting Wednesday May 19 at 7:30 in Riddick 11.

### TEXTILES—

(Continued from page 4)

Factors which supplement skill in reaching business or professional success, the speaker declared, are loyalty, courtesy, honesty, and good manners. He added:

"If you can do more and do it better, you become the leader. That's the heart and soul of free enterprise."

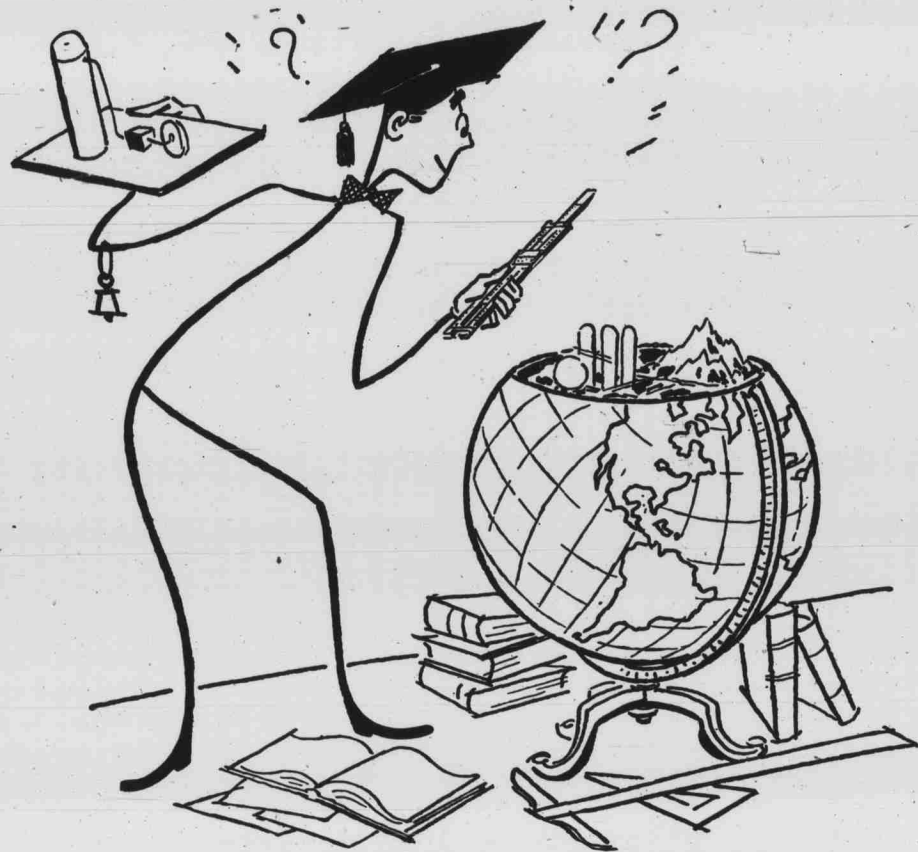
He cited the life and work of Jesus Christ as examples for the world to follow and said of Christ, "By any objective standards, He was the greatest man that ever lived."

## Cameron Village Barber Shop

(Member of Wolfpack Club)

### EIGHT BARBERS

Jack Barnes (Class of '53) Chester Spencer  
Charley Brantly L. T. Lawrence  
Bob Frederick E. D. Leonard  
J. O. Hilliard Carl Smith - Mgr.



## Ever Study

# TERRESTRIAL ENGINEERING?

Probably not. As far as we know, there isn't such a term. Even so, the terrain of a manufacturing plant may have a vital effect on the design and location of its engineering equipment.

It certainly did in the case of our Belle, West Virginia, plant, which is just across the road from a flat-topped hill, 750 feet high.

Perhaps you'd like to match wits with Du Pont engineers, for we feel that this problem was interesting—and its solution ingenious.

Briefly, the situation was this: Carbon dioxide was to be removed from a mixture of gases by bringing them into contact with water in "scrubbers" operating at 450 psi (gauge). The inlet gases contained about 25% CO<sub>2</sub> by volume. Because of its greater solubility, most of the CO<sub>2</sub> would leave the scrubbers dissolved in the water.

It was necessary to reduce the pressure of this water to atmospheric and recover the dissolved carbon dioxide, since CO<sub>2</sub> was needed for use in a chemical synthesis. The degasified water then had to be pumped back into the pressure scrubbers, to repeat the scrubbing cycle.

Still like to match wits? How would you design an

economical closed system for this scrubbing water? After you've thought out your solution, you might like to compare it with the one given below.

Du Pont engineers made use of the precipitous terrain in this way: pressure on the water leaving the scrubbers was sufficient to force it up to the top of the hill for CO<sub>2</sub> recovery. The returning water thereby provided a pressure of approximately 325 psi (750 feet of head) at the base of the hill. This gift of pressure on the suction side of the water pumps resulted in considerable energy saving.

Do unusual problems such as this one challenge you and stir your enthusiasm? If they do, we think you'll be interested in technical work with the Du Pont Company.

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BETTER THINGS FOR BETTER LIVING . . . THROUGH CHEMISTRY



# Psyc. Prof Equates Man-Animal Brain

Scientific findings indicate that with respect to intelligence men and animals "are indeed cousins," Dr. Key L. Barkley, professor of psychology at North Carolina State College, said in an address at the college Tuesday night.

Dr. Barkley's talk, sponsored by the State College Union, was entitled, "Animal and Human Intelligence." He was introduced by Gene McJunkin of Statesville, chairman of the College Union's forum committee.

In his lecture, Dr. Barkley stated:

"The term intelligence was used technically first in animal psychology. Darwin, Lloyd Morgan, Romanes and other early students of animal psychology employed the term in describing very skillful, complex adaptive behavior of animals as intelligent behavior. The general meaning of intelligence to these men is at least partially preserved in modern definitions of it.

"The capacity to make adaptations to new problems and conditions of life is found throughout the animal kingdom. Even one-celled animals can change their ways of meeting a situation when it changes. Moreover, animals of all levels can learn. For example, a paramecium can learn how to turn around in a glass tube to escape a condition which is not favorable to his comfort. Rats learning to run a maze correctly is a classical example of animal learning. The higher animals, such as chimpanzees, show great adaptability and are able to do such things as joining hollow sticks together to make a tool long enough to reach food placed outside of their cages, or piling up boxes to make a high platform from which to reach a banana suspended from the ceiling of a room.

"These findings with animals and men support the view that, with respect to intelligence, men and animals are indeed cousins. Animals differ among themselves in the degree to which they are endowed with capacities to make adaptations to new problems and conditions of life. Men differ among themselves also, and likewise they differ from animals, but the difference is still one of degree and not of kind.

"One basic thing to keep in mind in considering the relations between men and animals is that there is not one set of biological principles and laws which govern or characterize the nature, development, and behavior of man and another set to be applied to animals. The principles of biology are universal. Hence, whatever is found to be biologically true of man and higher animals is usually found to be true of lower forms of animals so far as their essential nature is concerned. Men and animals belong to the same kingdom; the differences are differences of degree, not of kind.

"The intelligence of men and of

animals is the same sort of thing. Man and animals belong on the same continuum; they differ in the position they have on the scale because of the higher or lower level of endowment with the capacity to make adaptations to new problems and conditions of life. . . ."

## SG FEED—

(Continued from page 1)

called on the students to work toward the extension of democratic government to other areas of the world.

He urged his listeners to think in terms of better government on all levels, better relations between the State and Federal governments, and a functioning international government.

Citing statistics indicating North Carolina's low per capita income status, Albright said the

State, although regarded as the South's leading State, lags in a number of important economic areas and said the State can not retain its leadership or forgetting ahead unless "we use some goals for the next 40 or 50 years."

The State, he said, can not be "a real leader" until its citizens think beyond the borders to other areas and see the nation as a

whole—"a neighborhood of friends."

Albright was introduced by Robert B. Jordan, III, of Mt. Gilead, retiring vice president of the Student Government. H. Robert Krook, Jr. of Philadelphia, Pa., retiring treasurer, was chairman of the banquet committee and presided.

A dance followed the banquet program.

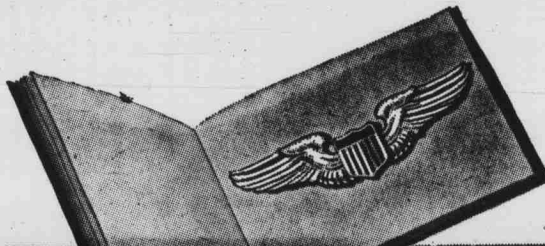
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## DR. CARVALHO—

(Continued from page 1)

cility of its type, first to be used exclusively for the peace-time development of the atom, and first to be open, without restriction, to the public.

Commenting on his future work in Brazil, Dr. Carvalho said that Brazil's fuel and power resources are limited and that the country is now embarking on a plan to harness the atom for power. Dr. Carvalho will be a key figure in this development. Brazil, he said, plans to construct a research reactor, perhaps similar to the one at State College, and later to build a power-generating reactor providing the United States offers the necessary assistance.

# FarmHouse To Receive Charter

The FarmHouse Club of N. C. State College will be formally installed as a full-fledged fraternity in exercises in the College YMCA tomorrow at 1:30 p.m.

Karl T. Wright, national president of FarmHouse, and H. K. Wilson, the national secretary-treasurer, will assist with the installation ceremonies. The Kentucky Chapter of FarmHouse will be in charge of the installation rites.

Among those in attendance will be 62 delegates from 12 other chapters and members of the North Carolina Chapter.

FarmHouse is a national non-Greek letter, social fraternity which was founded in 1905 at the University of Missouri. Membership in the fraternity is limited to students enrolled in agriculture or related subjects.

The FarmHouse Club was established at State College in May, 1952, and was required under college regulations to function for a probationary period of two years before it could become a full-fledged fraternity. During the two year period, the club has taken an active

part in all Interfraternity Council activities, including intramural athletics, "Greek Week" observances, and dances.

Since the club was founded, its members have ranked high scholastically and have fulfilled all requirements for affiliation with the national organization.

Officers of the State College FarmHouse Club this term are Johnny Keever of Route 1, Alexis, president; Eugene Gray of Route 1, Deep Run, vice president; Bill Caldwell of Route 2, Newton, secretary; and James Walker of Reidsville, treasurer.

The club has 23 active members,

14 alumni, and 13 pledges. Eleven members of the N. C. State faculty are alumni of FarmHouse chapters, and five other faculty members, who are non-members of social fraternities, are to become associate members of FarmHouse.

Following the installation exercises, there will be an informal

banquet for the delegates, members, and pledges Saturday at 5:30 p.m. at Parker's Cafeteria. The program will be concluded with the Interfraternity Council finals dance at the William Neal Reynolds Coliseum Saturday night.

FarmHouse will be State College's 18th social fraternity.

## RADIO FREE EUROPE—

(Continued from page 2)

Masin, who fought their way to freedom in the West with a friend, Milan Paumer, said they decided on flight after hearing an RFE broadcast about their father, General Josef Masin, who was executed by the Nazis in 1942.

Running RFE's huge establishment in Munich and the short wave transmitters in Lisbon, are about 130 Americans and 500-odd exiles from Central and Eastern Europe. In addition, there are some 900 German and Portuguese administrative and technical personnel.

Feeding news to RFE studios in Munich are not only the major news services of the Western world, but also 16 bureaus scattered along the periphery of the Iron Curtain, from Stockholm and Berlin to Athens and Istanbul, manned by 16 Americans and allies and more than 100 refugees. Bureaus interview refugees, collect reports from border runners, and translate Communist newspapers smuggled out of the satellite area.

To get the Communist version of events, RFE operates one of the most elaborate and effective monitoring stations in the world. In addition to keeping a round-the-clock watch on 21 Communist stations from Moscow to Tirana, RFE's monitoring section checks its own broadcasts to find out which are being jammed by the Soviets, and picks up transmissions by nine Communist news agencies.

Parent organization of RFE is the National Committee for a Free Europe, with representatives from all the countries overrun by the Russians. In addition to RFE, the Committee sponsors the Free University of Strasbourg, France, where young refugees are trained to help establish democratic governments when their home lands are freed, the Mid-European Study Center, the Research and Publications Division, and the Citizens Service Committee, which provides financial and physical aid to refugees.

All NCFE activities are supported by the Crusade for Freedom, headed by a group of public-spirited Americans who have dedicated themselves to sharing American freedom with people less fortunate than themselves.

If all mankind minus one, were of opinion, and only one person were of the contrary opinion, mankind would be no more justified in silencing that one person, than he, if he had the power, would be justified in silencing mankind.

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