

The Technician

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Eight Pages This Issue

Kanipe Announces Candidacy For Secretary Post In S G

Statement to The Technician by John Kanipe, candidate for S. G. Secretary.

"North Carolina State College has one of the strongest and most functional student governments in the Nation. This can be directly attributed to the excellent leadership and sincere work of a great number of students.

"However, I feel that there are some aspects in which improvements can be made. I would like to briefly mention a few of the innovations that I would support.

"I would advocate a program which would inform the student body of the activities of the Student Government — Executive, Legislative, and Judicial. The actions of the Student Government are of primary concern to the student body, therefore, the student body should be informed of all actions and activities. There are numerous means of doing this, of which dormitory meetings or dormitory news bulletins are two. Senators should be urged to keep in close contact with their constituents in order to be aware of the opinions of their constituents so as to represent their opinions in the legislature meetings.

"The Student Government records and proceedings of the past years are not in any systematic form that is available

for the student legislators or other interested students. However, certain individuals who have been associated with the Student Government in past years have in their possession personal files which are parti-



John Kanipe

ally complete for the period of their association. I would like to have the opportunity to obtain these records, make duplications, complete these records in so far as possible, and have

(See KANIBE, page 7)

Campaign Manager Releases Statement

Ervin Lineberger, campaign manager for John Kanipe, released the following statement to The Technician:

"The endorsement of John Kanipe as my candidate for Student Government Secretary is truly a pleasure.

"Kanipe, a rising Senior in the School of Education, has displayed his ability as a leader in many phases of college activities. His unique ability as a conscientious speaker has been the doorway to his accomplishments.

"Serving as a Student Government Senator from the School of Education this year, John is Chairman of the Rules Committee. He served on the Student Government Orientation Commission as a member for two years and as a Group Leader one year.

"Other leadership activities and responsibilities include Inter Dormitory Council member, Young Democrats' Club vice president and president, departmental club vice president, Bragaw Dormitory Manager, YMCA, Apollo club, and the Clerical club.

Sanford Pledges Support At Gardner Award Dinner UNC's Brinkhous Named Recipient

The O. Max Gardner Award was presented tonight to Dr. Kenneth M. Brinkhous of Chapel Hill, Chairman of the Department of Pathology in the School of Medicine of the University of North Carolina.

The Gardner Award is presented annually to the member of one of the faculties of the Consolidated University of North Carolina who "has made the greatest contribution to the welfare of the human race" during the current scholastic year.

Dr. Brinkhous is an international authority and research specialist in hemophilia, the rare bleeding disease.

Representative members of the faculties of the University at Chapel Hill, State College at Raleigh and Woman's College at Greensboro attended the presentation dinner tonight at State College. Gov. Terry Sanford delivered the main address.

In his speech, Gov. Sanford said his program for education second to none in North Carolina "is based on the simple theory that the teacher is the key to quality education."

Sanford said the purpose of any educational program that will succeed is to bring the excellent teacher to bear upon the student, whether in the first grade or the university

graduate school.

He said the Greater University of North Carolina must turn out "a steady stream of dedicated, able scholars."

"These in turn will provide the reservoir of excellence which will nourish our State's whole educational system to a place second to none," the Governor said in a prepared text presented at the 13th Annual O. Max Gardner Award dinner.

He said the university has had a long history of inspiring the leadership and providing the "intellectual and moral tools for the movers and the dreamers in North Carolina."

There is no room for timidity or doubt in these times, Sanford said.

"The key to North Carolina's future and the secret of its ability to take its place in the national mainstream, rests more than ever before on the willingness and the ability of its leadership to provide the stimulus and channel the power in the four and a half millions who people our farms, our factories, our cities and our small towns," he said.

And the Governor gave much of the credit of inspiration and training to the university.

"In my administration, it is our hope and our intention that this character of the university shall remain strong. For this reason . . . the Greater University deserves the support and concern of the State's Governor and its legislature," he said.

Sanford said he sees three "urgent directions" for the university in the field of intellectual training:

—To provide the technical training that will enable the State to make full use of the technological explosion of the modern age.

—To produce leaders for business, industry and government.

—To train the minds of those who will train others.

He praised Gardner as the moving force behind the consolidation of the university, as "a man of faith and a man of vision."

Gardner was Governor of North Carolina and the chief architect of the consolidation of the three units of the university.

Trustees who unanimously approved Dr. Brinkhous' selection for the 1961 award noted that the physician "has built his department from an obscure department of five persons in 1946 to a department of some 70 people in 1960."

It was also observed that the UNC Department of Pathology "is now generally recognized to be one of the leading pathology departments in the United States."

In accepting the award Dr. Brinkhous credited his success to his teachers, his co-workers and "Lady Luck."

MIT Professor To Give 'Plasma Physics' Lecture

Dr. Sanborn C. Brown, professor of physics at Massachusetts Institute of Technology, who is Sigma Xi national lecturer, will give a public lecture in Riddick Auditorium at North Carolina State College Monday, March 27, at 8 p.m.

The State College Chapter of Sigma Xi will sponsor the lecture, which will be open to the public, without charge. Sigma Xi is the nation's highest honorary society in the general sciences.

Topic of the address will be "Plasma Physics."

Dr. Brown received his A. B. and M. A. degrees from Dartmouth College and his Ph. D. degree in physics from M.I.T. Before joining the faculty at M.I.T. he taught at Dartmouth College.

Dr. Brown worked for the Office of Science Research and Development as a civilian from 1941 to 1944.

He is a fellow of the American Physical Society (chairman, division of electron physics, 1951-52); the American Association for Advancement of Science; and the American Academy of Arts and Sciences.

Officers of the State College Chapter of the Society of Sigma Xi are Prof. Henry A. Ruth-

erford, head of the Department of Textile Chemistry, president; Dr. Marvin L. Speck, William Neal Reynolds distinguished professor of animal industry, vice president; Dr. Arthur A. Armstrong, Jr., research professor of textiles, secretary; and Dr. Samuel B. Tove, professor of animal industry, treasurer.

NOTICE

Application blanks for Thirty and Three, sophomore honorary fraternity, may be turned in before 5:00 p.m. until March 24. Any sophomore is eligible. The blanks are due at the Student Activity offices, Room 207, Holladay Hall.

Election Books are open for all elective positions on campus. Students wishing to run for an office may sign up until March 29, in Room 207, Holladay Hall.

May we apologize to Allen Kimbell, candidate for Vice-President of the Student Government, for mixing our i's and e's in his article in last night's Technician. Sorry, Allin.

Sponsors Named For Military Ball



The lovely young ladies pictured above will serve as sponsors at the annual Military Ball which will be held Saturday night in the Coliseum. Top row, left to right, they are Miss Carol Hendrix for James B. Jones, president Military Ball Association; Miss Betty Tunnell for Kenneth Whichard, vice-president; Mrs. Glenn S. Perry for Glenn S. Perry, secretary; Miss Sylvia Nash for Cadet Captain Bill Morrison, treasurer; Miss Francis Lewis for Rod Richardson, membership chairman. Bottom row, left to right; Miss Alice Stewart for Daniel Whitesides, Army ROTC Brigade Commander; Honorary Lt. Col. Miss Patricia Anne Leonard, escorted by Thomas Parham; Honorary Colonel Miss Linda Maness, for Wayne Whitted; Honorary Lt. Col. Miss Dorothy Anne Groot for Richard S. Stroud; and Miss Mary Carol Warwick for Cadet Lt. Col. Fred Fulcher.

Possible Blessing In Disguise

The Advisory Budget Commission of the North Carolina Higher Board of Education recently recommended that tuition in the state-supported schools be raised twenty-five dollars a year for in-state students and one hundred dollars for out-of-state students. This recommendation is before the General Assembly and in several weeks it will come to a vote.

At the last Student Government meeting, student senators anticipating the General Assembly, passed a bill which protested the tuition raise. We agree that a raise in tuition might impose a hardship on students who are now having a difficult time paying for their education, and that this tuition raise may set a precedent of higher and higher tuition every time the General Assembly meets. On the other hand, we students are receiving a tremendous education for the money which we pay, and even at twenty-five dollars more a year, we are getting one of the biggest bargains which we will ever find. Also, we may as well face the fact that the General Assembly is almost sure to endorse the tuition raise.

Since it is almost universally agreed that the tuition raise will come, we should find a way so that it will be of greatest benefit to the college. The extra tuition is planned to be used for financial aid, teacher's salaries, and the library—three phases of the college which are desperately in need of money, and since the cut of the proposed "B" Budget there is almost no way in which they can obtain these badly-needed funds. If the tuition raise helps out these weak points of our college, it will be money well spent.

We would like to stress one fact, however. Since a large portion of the money will go to financial aid, it should not make it much more difficult for the person who is financing his education to go to State College. The increased financial aid will help more of the people who really need the money than it can now, and the people who have the money can afford the raise. In other words, it will take from the more financially secure students to give to the students with lesser means. We can see no fault with this idea, and we will support it.

What must be done is to make sure that the increase in tuition goes to the phases of our college which we have mentioned before. If this is done, it will benefit everyone here and will hinder only a few.

ML

A Good Proposal

On this page, there is an article about a proposed change in the scheduling and organization of classes here. Almost every State student will agree that a change in our schedule is needed, and we feel that this proposal is one of the best which we have ever seen.

In the near future, faculty members will have a chance to evaluate the new schedule; and if students think that this proposal would be an improvement over the present system, he should tell his professors. If the faculty sees that the students are for a change, they may be inclined to look more favorably upon it and its chances of passing will be greatly improved.

ML

The Technician

Thursday, March 23, 1961

Editor Jay Brame
Managing Editor Mike Lea
News Editor Bill Jackson
Fraternity Editor Ed Puckhaber
Layout Editor John Curlee
Sports Editor Earl Mitchell

Business Staff

Business Manager Richard Culp
Circulation Manager Doug Angel

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Cruising . . . With Croom

L.B. MORTIE

WHAT CHA DOING, MORTIE?

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I BANK AT _____ MY PRESENT BALANCE IS \$ _____

FULL SIGNATURE IN BLOOD _____

CUT HERE, WATCH FOR TURN

Fraternity Flashes

By Ed Puckhaber

The Ta Chi Fraternity held its annual St. Patrick's Day party this past weekend. The party began Friday afternoon with the Irish flag being raised in the fraternity's front yard. Music for Friday's party was furnished by a jukebox, and the house decorations were in bright Irish green. In order to keep the Irish spirit alive, a shipwreck party followed on Saturday night.

It has been said that the best asset of a college fraternity is a good reputation. One of our local chapters has gone a long way towards building its reputation as can be seen by reading the playbill from the Raleigh Little Theatre's last production. I take this opportunity to reprint the article in full.

The young man who showed you to your seat tonight and handed you this Playbill is a member of an organization that has long been a friend of the Raleigh City Community. He is a member of Chi chapter of Phi Kappa Tau social fraternity at North Carolina State College.

Social fraternities at North Carolina State have on many occasions illustrated the very

best in Town-Gown relations. For example, each year they collect food for the needy, entertain at Christmas parties for the children at the various orphanages in the city, and, in general, help when and where they can. But Chi of Phi Kappa Tau is rather special to us.

For some seven years, Chi has provided ushers for each Raleigh Little Theatre production. The theatre did not request this service; it has been an entirely voluntary contribution to civic life on the part of the chapter.

Their only material reward has been that if seats are not sold, occasionally they can stay to watch the production.

That, however, is not always the case. And on one occasion, when the theatre presented PAINT YOUR WAGON, six members of the chorus were Phi Tau's, as the result of an emergency call for cast members.

The Phi Kappa Tau House, at 308 Horne Street, has entertained many distinguished guests of North Carolina State College. The brothers like to recall their informal chats with Dr. Ralph Bunche, the Rev. Mr. Al Kershaw (of \$64,000 fame

(See FLASHES, page 3)

Faculty Committee Proposes Change In Class Scheduling

By Mike Lea

State College, with its well known and outstanding research facilities has made many scientific educational advances, but a group of faculty members have offered a plan in a far different field which may have farther-reaching and more profound effects on education than anything discovered in laboratories.

A technological school faces more difficulties in teaching than any other kind, because technology is always changing and ways must be found for these changes to be assimilated into an educational curriculum as soon as possible.

Students at State and at similar institutions throughout the nation have been caught in a situation: that of having more and more material to learn every year while methods of teaching do not change to make this excess material more easily learned, which makes the obtaining of a technical education increasingly difficult. State College, realizing this, set up a committee headed by Dr. Howard Miller, Head of the Psychology Department, to study the problems of course scheduling and course credit; and this committee, after studying the situation, recommended a change in the academic schedule and the organization of courses on the State Campus.

Before we study the proposed scheduling of classes we should look at our present system and find the flaws which are in it as related to State. In the first place, everyone in this school is faced with the problem of having too many courses to take. At most other schools, one finds students taking between fifteen and sixteen hours a semester; while a typical schedule in the School of Engineering calls for between nineteen and twenty-one. When one takes this many hours, he is faced with the difficulty of taking seven or eight courses and keeping up in all of them. Since this is impossible for the average student, he lets some of his courses go by without giving them the time which they deserve, and thus not learning

nearly as much as he should. The other major flaw in our system is that a semester is too long for one to remember all of the material covered during the semester. The plan which the Faculty Senate Committee has proposed will do away to a great extent these "evils" which we now have and also will offer other supplementary advantages.

It is simple in plan for it simply calls for splitting the semesters into half and teaching semester courses to students in half the time as before. This would be done by cutting the students' loads to a half of what they are now for a semester, so that no loss of credit would ensue. Students would meet classes every day, and no Saturday classes would be held. In explaining this system, we can use the three-hour course which is by far the most common type which is taught in colleges and universities.

A three hour course meets 150 minutes a week and if it were placed in the new scheduling plan it would meet a total of 300 minutes a week (or an hour a day for five days.) Courses with different hours of credit could be arranged similarly. Summer school would consist of two teaching periods just as one semester would.

A regular load would consist of three courses a term or a total of eighteen hours a semester under the present system.

Psychological and education evidence suggests that learning under this system would be easier and would ultimately lead to a better understanding of the course and a greater amount of recall in the future of material studied. This is so because learning under these conditions would have fewer distractions (because of the fewer courses taken) and because the learning process would take a shorter time with less interference.

The advantages of the proposed system are many and they include almost all phases of education from both the standpoint of the students, the faculty, and the administration. Of course, the reduction of

the number of courses a student takes at one time is one of the prime advantages. This is true not only because of the beforementioned psychological advantages, but also because it would cut in half the finals which a person would have to take at one time. This is a consideration that only has to be mentioned once to anyone who has been through the local "Hell Week."

It almost goes without saying that a better proportion of study time would be given to each individual course under the proposed system.

The recommended schedule would be more consistent. It is arranged so that vacations will not disrupt the term. Holidays are planned so that they will come after final exams of each term when they will be more enjoyable and more welcome than at any other time. Summer school would be better coordinated under this system, also.

The difficulty of meeting a class only twice or three times a week and forgetting material in the intervening period would be overcome.

Independent study programs would be easier to carry on because of the lessening of courses. One could spend longer, uninterrupted times when he is working on a project or similar endeavor.

The system makes it possible for the professor to concentrate better on one subject at a time, and would stimulate more thorough comprehension of a subject.

More frequent class meetings would encourage closer student-teacher relations thereby making education more effective from both standpoints.

Students could have open periods (i.e. drop out of school for a half semester to take advantage of job or travel opportunities without as great a loss of time, and if a student flunked a course or changed curriculums he would find it quicker and therefore less expensive to make up his deficiencies.)

Compatible courses such as math and physics or history and literature could be sche-

duled together so that they could complement each other and therefore make it easier for students to gain a wider understanding of both.

From the administrative point of view, this system provides far superior qualities of change than a switch to any other would provide. No change in schedule sequence, credit structure, or course content is required and transfer credits would be compatible with other schools.

From the viewpoint of the faculty it is very outstanding also. A professor would spend the same amount of time in class during a semester, but the number of classes he teaches would also be cut in half. It would also make it possible for the faculty to take leaves of absences to work on research or travel at different times during the year.

This proposed system has been tried nowhere else in the nation, although it is a modification of systems which are presently being used. Its course structure is similar to the quarter system, its credits are similar to the semester system and its summer school is like a new system, the Tri-semester (Having a regular semester during the summer) which is just coming into use in some of the nation's bigger universities.

After expounding the system and showing it in all of its good points, we should study it and see what bad effects it might have on education at State, but we can find no glaring error in it. It seems to combine the good points of all the educational systems while it minimizes the bad ones. In fact it seems such a common-sense approach to the problems of education that, if State adopts it, we can see no reason why other schools would not study it and adapt it to their own use.

If this plan works as well as it looks on paper, it might revolutionize American education; and State College, The Faculty Senate, and the committee which conceived the plan may aid education more than any ten nuclear reactors or scientific advances.

Dr. A. C. Menius, P. S. & A. M. Dean Active In Consultation

By Roger Faulkner

Dr. A. C. Menius, Dean of the School of Physical Sciences and Applied Mathematics, is an imposing figure in physical appearance as well as in intellectual stature. This man's personality is so expanding that he will fill his spacious office in Riddick.

A native of North Carolina, Dr. Menius earned his Bachelor's degree in Physics and Mathematics at Catawba College in 1937 and his Ph.D. in Physics at the University of North Carolina in 1942.

Dr. Menius was Assistant Professor of Physics at Clemson College until 1944, returning there as Professor of Physics in 1946.

In September of 1949, Professor Menius came to N. C. State College in response to a pressing desire by this college to develop a new program centered around nuclear reactor physics.

Having been head of the Department of Physics since 1956, Dr. Menius became Dean of the new School of Physical Sciences and Applied Mathematics in 1960.

Dr. Menius is quite active in consulting work with the government and with industry. Among his activities is directing a contract with the Army Rocket and Guided Missile Agency. He is also co-director of a Navy contract concerning the direct conversion of heat

into electricity.

Dr. Menius has also been consulting with the U. S. Atomic Energy Commission since 1957.

In 1944-46, he worked in the Johns Hopkins Applied Physics Laboratory in Silver Spring, Maryland. During this time, he was Senior Physicist and Head of Battery Group of the Proximity Fuse Project.

Dean Menius believes that the first duty of N. C. State College is to offer outstanding educational opportunities, firstly to the residents of North Carolina and secondarily to

others. The pressing need is to keep graduates of this college in the state.

The honors program is quite close to Dr. Menius' heart. He feels that superior students should be given every opportunity to develop their potentials to the highest possible level.

Graduate work is next on the list of duties of State College. Graduate work should continue to expand and include more and more areas of knowledge.

Lastly, but far from least in importance, Dr. Menius feels State should continue, with increased emphasis, its aids to the industry of the state and the nation. Well trained graduates are, of course, most important to industry. Consulting with the various companies and conducting sponsored research greatly aid the technology of industry.

The close contacts between industry and the personnel of the (See DR. MENIUS page 8)



Dr. A. C. Menius

Animal Industry Receives Grant

The U. S. Public Health Service has granted the Department of Animal Industry at North Carolina State College \$137,886 for an expansion of a graduate training program in experimental nutritional sciences.

Dr. George Hyatt, Jr., head of the department, said the program will be headed by Dr. S. B. Tove. Working with him will be Drs. C. H. Hill, J. J. McNeill, Gennard Matrone, R. A. Ramsey, W. W. G. Smart, Jr., Prof. F. H. Smith, and Dr. G. H. Wise, head of the Animal Nutrition Section.

The grant, which became effective March 1, provides \$22,986 the first year and \$38,300 annually for the next three years.

Dr. Hyatt attributes receipt of the grant to "the professional reputation of the nutrition staff and the type of research and training program it has been offering."

He predicted that the total graduate student program will advance rapidly "with a well trained staff, increased support for basic research and assurance of increased laboratory facilities in the near future."

The funds will be used for new graduate assistantships at both the master's and doctoral level, to supplement present stipends for graduate students, and to schedule distinguished visiting professors for special lectures and seminars.

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Outstanding Students Offered A E C Grants

Eleven young college students have been offered U. S. Atomic Energy Commission Fellowships for the study of nuclear science and engineering at North Carolina State College during the 1961-62 academic year.

In addition, AEC fellowships for study at other colleges were awarded to one State College graduate student and three graduates of State College pursuing graduate studies elsewhere.

AEC fellowships — administered by the AEC by the Oak Ridge Institute of Nuclear Studies — are designed to aid and encourage promising students who are studying for master's or doctor's degrees in nuclear fields.

Award winners in the first group, now attending State College and enrolled in the Department of Physics, are Gus Perry Couchell, Charlotte; Gary Alan Massel, Raleigh; Wil-

liam Baster Michael, Bostie; and James Thornwell Spence, III, Greensboro.

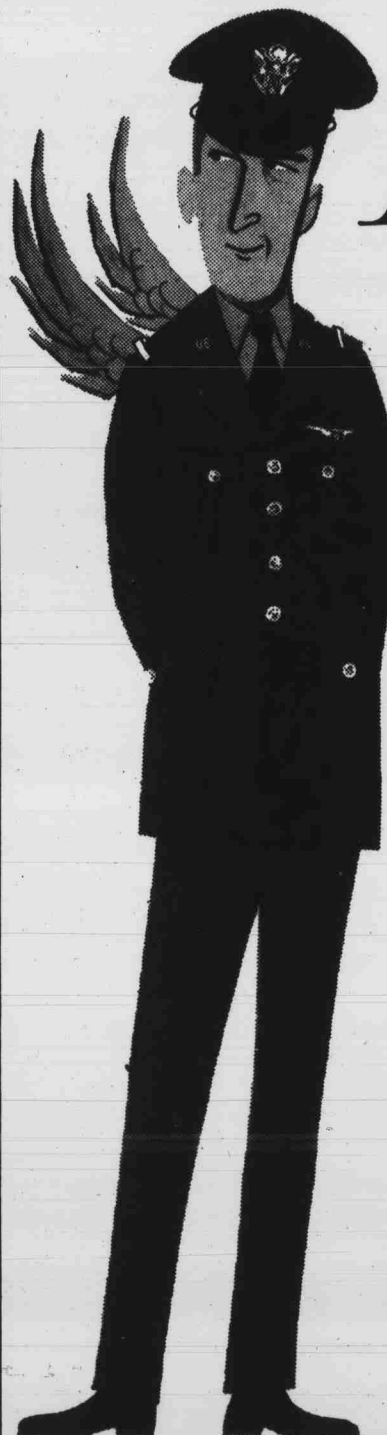
Those enrolled in the nuclear engineering program are Norman Earl Banks, New Bern; Lawrence Albright Mink, Winston-Salem; and Joe Jackson Stewart, Raleigh.

A former student winning a fellowship for study at State College is James Daughtry, Dayton, Ohio.

Other winners are Victor Henry Heiskaia, Hancock, Mich.; and Alvin Leigh Jenkins and Robert Thayer Linerboth, Knoxville, Tenn.

Carroll Reid Bingham of Fallston, State College graduate student in applied physics, has been offered the fellowship for study at the University of Tennessee.

State College alumni who will attend other universities are James William Byrd of University of Tennessee (See GRANTS page 8)



Do all Air Force Officers have Wings?

Decidedly not. In fact most executive jobs are on the ground. Of course, all officers may apply for pilot and navigator training if they meet the eligibility requirements. There will always be a need for piloted aircraft. And it is foreseeable that in your working lifetime, there will be piloted spacecraft—piloted and navigated by Air Force officers.

But right now, there is also a big future for college-trained Air Force officers on the ground. New and exciting technical jobs are opening up. Important administrative positions must be filled as World War II officers move into retirement.

How can you—a college student—become an Air Force officer? First, there's Air Force ROTC. Then for college graduates, men and women in certain fields, there is Officer Training School. The graduate of its three-month course wins a commission as a second lieutenant. Other ways are the Navigator Training program, and the Air Force Academy.

Some benefits that go with being an Air Force officer. Starting salary plus allowances compare with the average in equivalent civilian jobs. Then there's free medical and dental care, thirty-day vacation, the chance to win graduate degrees at Air Force expense, and liberal retirement provisions.

No, Air Force officers do not need wings to move up. There's plenty doing on the ground. Perhaps you could be one of these young executives in blue. Ask your local Air Force Recruiter. Or write, Officer Career Information, Dept. SC13, Box 7606, Washington 4, D.C., if you want further information about the navigator training or Officer Training School programs.

U.S. Air Force

There's a place for
professional achievement on the
Aerospace Team



STATELINE

By
EARL MITCHELLE

On March 14, the Wake Forest basketball team started out to do what was termed at the time as the impossible.

As the representative of the Atlantic Coast Conference in the NCAA basketball tournament, the Deacons had to play a powerful St. John's team in the initial game of the tournament. Not only were the Redmen one of the strongest teams in the East, but they were playing the Deacons on their home court, Madison Square Garden.

The "experts" sat back and declared that the Deacons didn't have a chance to get to Charlotte for the Eastern Regionals. At the end of the first half, the know-it-all boys were sitting back in their seats smiling because St. John's was out in front just as they had predicted. The Deacons weren't ready to accept defeat and nearly ran the Redmen off the court in the second half with Len Chappell & Co. throwing in baskets from everywhere on the court. When the time ran out, St. John's had been handed their worst beating of the season.

St. Bonaventure was next on the card and again the "experts" said that the Deacons didn't stand a chance against the Bonnies. The Deacons were sure to end up in the St. Bonaventure hanging tree. Bones McKinney wasn't about to buy this script and he didn't have to. Despite the efforts of All-American Tom Stith and sophomore Fred Crawford, the Deacons walked away with their second impossible win.

With two big ones behind them, the Deacons now had to beat St. Joseph's to get to Kansas City for the finals. Of the three that Wake Forest had to play that week, the Hawks could have been considered the easiest of the three to beat if there was such a thing as the easiest. St. Joe had edged the Deacons by two points in the only other meeting of the two teams during the season.

It was plain to all that Wake Forest was a tired team after they won over St. Bonaventure. They rode the train back from New York and didn't get back until early Thursday morning. It was a tired bunch of Deacons that got back to Winston-Salem Thursday morning because very few of them had gotten much sleep on the train. What little rest they did manage to get Thursday and Friday was undoubtedly used up against St. Bonaventure Friday night.

St. Joseph's knew that the Deacons would be tired and took full advantage of this fact. The Hawks threw a tough, tight defense at the Deacons that forced them into many errors in the first half. The Deacons lost the ball on the traveling violation about ten times in the first twenty minutes alone. Although the Deacons hit on 50% of their shots in the first half, the St. Joe five jumped into a 20-point lead because they took 18 more shots from the floor and hit on about 45% of their total field goal attempts.

Wake Forest staged a great rally, but the Hawks kept the Deacons in enough of a hole to win the game. Mistakes killed the Deacons and most of these mistakes were the results of the Wake bunch being just plain tired. Playing three of the top teams in the East is a big job for any team to do in a span of five days.

St. Joseph's had to play only one game before facing Wake Forest because they got a bye into the Eastern Regionals. This one game nearly kept the Hawks out of the finals as they had only a one-point lead over Princeton with 30 seconds, but managed to hold off the Ivy League champs.

Wake Forest represented the ACC in the NCAA action very well. The two wins posted by the Deacons will help the ACC's record in getting the bye that St. Joseph's got. Len Chappell, who was left off the All-American teams, showed the voters what a mistake they had made. Chappell was, to say the least, instrumental in the Deacons success story. The big warrior pulled down rebound after rebound and scored basket after basket, but had to accept defeat in the end.

By Earl Mitchell
Sports Editor

North Carolina State football fans will get a sneak preview at the 1961 edition of the Wolfpack Saturday afternoon at the annual Red and White football game. The kickoff is set for 2:00 p.m. in Riddick Stadium.

The Wolfpack will end their spring practice in game that the State coaches hope will tell them a lot about their chances for the new campaign that begins next fall. The staff has been working on filling the empty posts left by seniors on last year's team.

Assistant coach Carey Brewbaker said Tuesday that he thought the positions had been filled, but the game Saturday would determine whether they had been filled correctly.

The seniors who finished up their careers last fall are Jim Tapp, end; Collice Moore, tackle; George Vollmar, end; Dick Reynolds, tackle; Tom Avent, tackle; Alex Gillekie, guard; Bill McClain, guard; Bill Hill,

center; Jim Fitzgerald, center; Gerry Mancini, quarterback; Ron Wojcik, fullback; Jack Stanton, halfback; Claude Gibson; and Randy Harrell, halfback.

"We are going to have to depend on a lot of sophomores in the backfield next year and we feel that we will get a good look at what they can do this Saturday," added the State coach. One of the big freshman stars of last fall should be ready to go said Brewbaker. Tony Kozarsky, who has missed the majority of spring practice due to a bad leg, should be ready to go. Kozarsky has been running well in practice drills this week.

Another first year star, Carson Bosher, will be showing his wares Saturday and it will be the first opportunity for the fans to see the stocky halfback in varsity competition. Jim Rossi, a freshman quarterback from last fall, has come along well in practice and should see a lot of action in the game.

The team was divided last night and was not available at press time. The State coaches stressed that the team will not be divided as it has in the past. Instead of the first and third teams playing the second and fourth teams, the first team will be split up as will the other teams. By dividing the squad in this manner the coaches hope to make the sides more evenly matched.

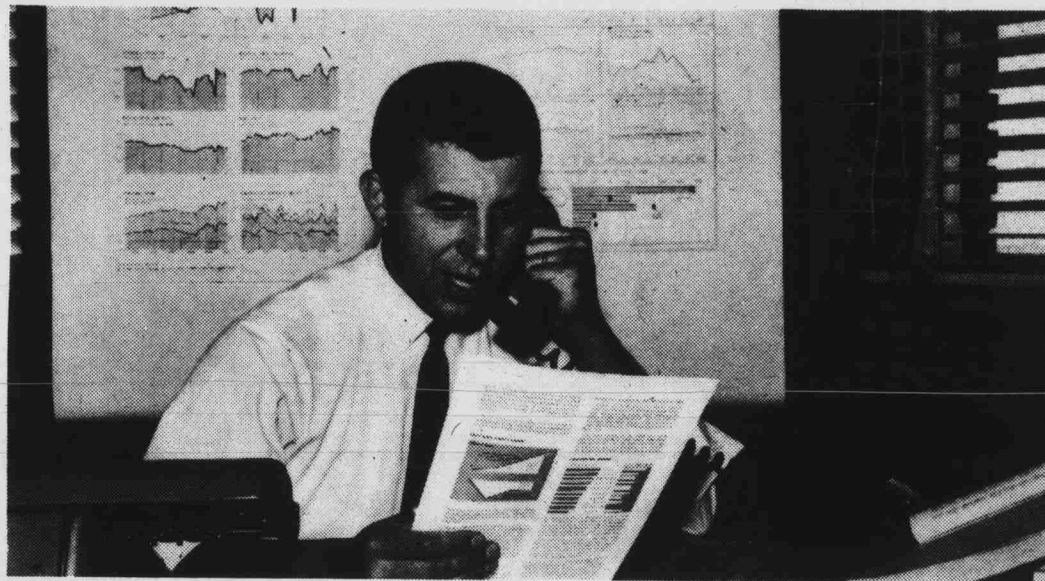
The main attraction of the Wolfpack football team, All-American Roman Gabriel, will not play in this game. Gabriel is the starting centerfielder for the Wolfpack baseball team. Bill Kriger, a junior, and Tom Dellinger, a senior, will handle the majority of the signal calling chores along with Rossi.

Last year the Red team edged the White 16-14 in a very close ball game. The Reds jumped into a 13-0 lead before the White eleven could get their offensive machinery in motion. The Whites then came back and scored two touch-

downs with the extra points to pull into the lead 14-13. A field goal kicked by Jake Shaffer was the deciding factor in the contest that gave the Reds the close decision. In the September that followed, Shaffer's toe was the margin of victory over North Carolina.

Tickets are now on sale and can be purchased from any member of the State Monogram Club. The adult ticket's are \$1.00 and any child under 12 years of age will be admitted free of charge. All student tickets will be on sale for \$.50.

In conjunction with the Red-White game, there will also be a reunion of all the old State football players. Invitations were sent out sometime ago to all former monogram winners in football to attend this Saturday's game. The group will be addressed by Coach Earle Edwards on the 1961 football season and the team's present situation.



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When Gene Bernier received his degree in Business Administration at the University of Michigan in 1957, he had top offers from several businesses.

Gene chose Michigan Bell Telephone Company because: "This job was tougher to get. There was no doubt in my mind that I was being carefully evaluated for a responsible management job. Just getting this job was a challenge."

One of Gene's early assignments was writing a training manual for new employees which would explain telephone accounting in simple everyday terms—a tough job even for a seasoned writer. But Gene did it. And his next step was a natural.

In November, 1958, he was transferred to the Michigan Bell Economic Studies Section as editor

of a monthly publication, "Michigan Business Trends." In this work, Gene analyzes and reports business trends in Michigan as an aid to telephone management people in decision making.

Gene proved his skill in reducing complex economic problems to simple terms. And, sixteen months after his transfer he was promoted to Senior Statistician.

Today, Gene sums it up this way: "The idea around here is to get the best a man has in him. To me that spells opportunity."

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BELL TELEPHONE COMPANIES

Action Features Four Sports; Finals In Two Sports On Tap

By Richie Williamson
Associate Sports Editor

Intramural action on four scenes draws the attention of both the fraternities and dormitories. This week's sports program has softball, bowling, table tennis, and badminton all going at the same time. However, the bowling and table tennis are in its final stages with the finals slated very soon.

In the fraternity table tennis division, SPE and PKT are the only two unbeaten teams in the double elimination tournament. These teams met Tuesday night with the winner entering the final round while the loser goes into the loser's bracket to meet another team. The dorm division has advanced farther with Bragaw South being the only unbeaten team. They will meet the winner of Becton and WG4 in the finals and will have to be beaten twice to lose the title.

The dormitory tournament in badminton has reached the quarter-final stage with Watauga, Tucker #2, Bragaw South, and Alexander being undefeated. In the frat tourney, not

enough action has left a choice of possible winners in the air. Eight teams have clean records and more can be determined after this week's play.

Monday afternoon opened the frat softball league while the dorms go into action this afternoon. In the first round games, Sigma Pi used two hits, two errors and a walk to score three runs in the fifth inning and squeeze out a 7-6 win over SPE. In the same section, AGR put on an 18 hit attack to trounce KA 15-2.

Section #2 played two games with PKA beating Sigma Nu 11-10 and LCA rolling over PKT 9-2. PKA went into the last inning down two runs but put together hits by St. Clair, Mickle, and May plus a fielder's choice to get the three runs for the victory. LCA scored its nine runs early in the game and held PKT scoreless until the sixth inning to easily pick up the 9-2 verdict.

Farm House won a shortened game win over Delta Sig by a 13-1 margin. FH scored in every inning and closed the game off after the fourth inning when a

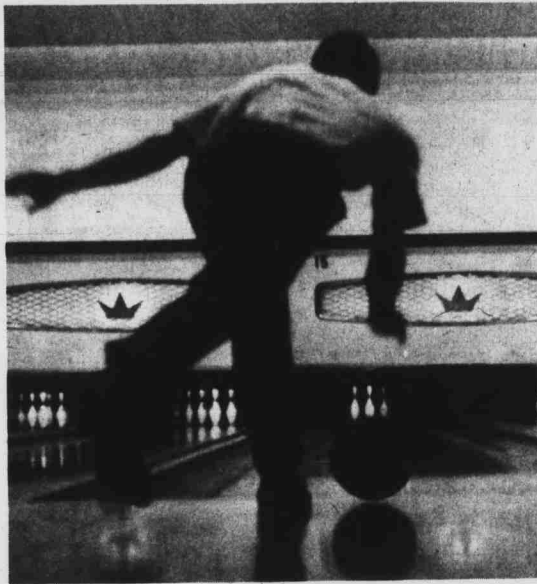
dispute concerning the official score arose and the game was called. In another close game TKE held off a rally by SAE to win 12-11. SAE took a big early lead of 9-2 into the third inning when TKE pushed across seven runs to tie the score and then went on to win.

In the last section PKP scored 10 runs in the first inning and continued to run production in downing Sigma Chi 19-6. Also, Theta Chi started fast and

ended well in stopping SAM 9-2. They ran up a 5-0 lead in the first two innings and continued to score the runs while the Sammies were being held to four hits.

The dormitory bowling league has completed its regular season play and will begin their playoffs next week. Syme appears to be the heavy favorite since it went through regular play with a perfect record of

(See SPORTS FINALS page 6)



Bowling playoffs start next week after a very successful season. Syme won the dormitory division with a perfect 24-0 season mark, while Sigma Alpha Mu won the fraternity loop with a 25-3 mark. Both of these teams will be favored in the playoffs on the basis of their fine records during the regular season.

(Photo By Hoey)



It was a close finish in the 220-yard dash in the track meet Monday afternoon. Hank Hoomani finished a close second after winning first place in the 100-yard dash. Carolina won the meet 106-25. Hoomani's first in the 100 was the only first place that the Pack was able to get the whole afternoon. The next meet for the runners will be this weekend in the Florida Relays in Gainesville, Florida.

(Photo By Hoey)

★ ★ ★



Roman Gabriel beats out a single in State's game with Dartmouth College on Monday afternoon. State downed the northern school 14-4 on the strength of 11 runs scored in the seventh and eighth innings. The two teams were to have played Tuesday afternoon, but the game was cancelled due to the bad weather. In the Dartmouth game, Gabriel collected a double in addition to his single.

(Photo By Hoey)

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*Complete lack of body hair, including that of the scalp, legs, armpits, face, etc.



Marksman Place 4th In ACC Rifle Meet

Last Saturday, the first annual Atlantic Coast Conference rifle tournament was held at Chapel Hill. The teams participating were Maryland, Clemson, Carolina, State, Duke, Virginia, and Wake Forest.

Representing State were Kirby Russell, Charles Batchelder, Tom Buchanan, Bob Pindell, Jim Simpson, and alternate Clifton Dook.

State came in fourth in the meet with 1378 points after Maryland with 1401, Clemson with 1397, and Carolina with 1382. The total possible number of points that could have been scored with 1500. Awards were made to the two top teams and team members.

The individual scores for State's team were Russell 284, Batchelder 280, Buchanan 278, Pindell 272, and Simpson 264. This score was based on 300 as perfect.



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Junior Symposium Delegates Hear Chancellor Caldwell

America's 68 Land-Grant colleges and universities such as North Carolina State College constitute "one of the leading sources of our knowledge through research and of our scientists through scientific education."

This conviction was expressed Thursday (March 16) by Dr. John T. Caldwell, chancellor of North Carolina State College, who welcomed approximately 180 high school students to the Junior Science Symposium at the college.

The symposium delegates are spending today at North Carolina State College and will travel to Duke University in Durham for their evening session. Tomorrow's meeting will be held at the University of North Carolina in Chapel Hill.

In tracing the scientific advancements made at State College and the nation's other Land-Grant institutions, Chancellor Caldwell said their work has made it possible for one American farm worker to produce food for 23 persons as compared with the Russian farm laborer who is able to feed only five persons.

The functions of State College's major degree-granting schools are based squarely in scientific knowledge, Dr. Caldwell told the young students who are studying high school science courses.

Chancellor Caldwell told the youthful delegates that education available to them in North Carolina's institutions of higher learning is as good as that anywhere else in the world.

Impetus has been given sci-

entific activity in North Carolina by the Research Triangle and the institutions in its area, he said.

Presiding over the morning symposium session was Prof. Henry A. Shannon of State College's School of Education.

Science fairs offered in the State by the North Carolina

Academy of Science were reviewed by Dr. John A. Yarbrough, professor of biological science at Meredith College and secretary-treasurer of the academy.

"The North Carolina Science Talent Program" was outlined by Dr. Herbert E. Speece, professor of education at State

Math Secretary Inducted Into Honorary Fraternity

Linda Maddrey of Raleigh, secretary to the head of the Department of Mathematics at North Carolina State College since 1937, has been initiated in the Gamma Chapter of Pi Mu Epsilon, honorary mathematics fraternity.

Announcement of the honor was made today by Dr. John W. Cell, department head, who said that Miss Maddrey is "a mathematician in her own right."

She is a graduate of North Carolina State College with a B.S. degree in education with a major in mathematics. Following a period of teaching, she joined the staff at State College where she has been ever since.

Miss Maddrey has seen the mathematics staff at State College grow from 13 faculty members to 59; and, since mathematics is a required course, every State College student eventually gets to know the departmental secretary.

The State College alumni finds her work "both interesting and satisfying since it

keeps me in touch with developments in my own major field."

Miss Maddrey is also a member of Phi Kappa Phi, national engineering scholastic society. She is the daughter of Mrs. E. W. Maddrey of Raleigh and is a member of the Pullen Memorial Baptist Church.

Organist at CU

Friday night at 8 p.m., the College Union Music Committee presents Bill Thomson, Organist. Mr. Thompson began his musical career at the age of fifteen by studying with the organist of his church. He continued by playing at hospitals, churches, and clubs while in the Army. After he was discharged, he studied at USC and made several tapes.

The program Friday night presents Mr. Thomson and his percussionist, Howard Oliver, who combine classical and popular numbers for a delightful and stimulating program.

Intramural Finals In Two Sports

(Cont. from page 5)

24-0. Heading the other section was Tucker #2 with a 20-4 record. Joining these two teams in the playoffs will be Berry, Watauga, Bragaw South, and Bragaw North.

In the fraternity division, SAM has posted the best record to date with a 25-3 mark. There is still one week of rolling left for the fraternities with the playoffs beginning next week. Other teams that are sure to be in the playoffs are PKA with a 21-7, SPE with 20-8, Delta Sig with 19-9. The other two spots will not be decided until the last week is over.

The standings through Monday night:

DORMITORY LEAGUE

Section #1

Syme 24-0
Berry 14-10
Bragaw N. 13-11
Owen 1 12-12
WG4 8-16
Alexander 8-16
Tucker 1 5-19

Section #2

Tucker 2 20-4
Watauga 17-7
Bragaw-S. 16-8
Turlington 10-14
Beeton 10-14
Owen 2 9-15
Bagwell 2-22

FRATERNITY LEAGUE

Section #1

SPE 20-8
D. Sig 19-9
PKT 18-10
S. Nu 16-12
PKP 14-18
AGR 13-15
KA 12-16
LCA 9-19
FH 7-21

Section #2

SAM 25-3
PKA 21-7
S. Chi 17-11
PEP 15 1/2-12 1/2
T. Chi 15-13
S. Pi 10-18
K. Sig 9 1/2-18 1/2
TKE 9-19
SAE 5-23

(See DELEGATES page 8)

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Holiday And April Activities Announced By College Union

An interesting and informative program will be presented by the House Committee on Thursday, March 23, at the College Union from 4:30 to 7:00 p.m. This program is aimed for all students who feel the need for individual consultation and open discussion on problems relating to income tax—federal or state. The consultant will be a qualified accountant. There will be no obligations on the part of the participants. All interested students are urged to take advantage of this rare opportunity.

The Arts and Crafts Contest is now open for all College Union members and their families. Entries will be classified under one of the four categories—ceramics, lapidary, wood-working, and metal craft, which includes copper tooling, copper enameling, and metal etching. Items made for class are not admitted.

Craft shop purchase cards—three two dollar cards and four fifty cent cards—will be given

as prizes. The Hobby Committee, sponsor of the contest, will have the right to reject any items which do not meet their approval. Entries should be made as soon as possible to the Craft Shop.

There will be a meeting of the Checkers Club at the College Union on Monday at 7:00 p.m. All persons who wish to join the club or who just like to play for fun are cordially invited.

The C. U. Hospitality Committee will hold an Easter Egg Hunt for the children of both faculty members and students on Sunday, March 26, at the College Union terrace from 3:30 to 5:00 p.m. The children will be grouped into three groups: pre-school; grades one and two; and grades three and up. Lots of fun and excitement are in store for the children who attend. Prizes will be given in all groups. Refreshments will be served after the hunt.

Carnival Weekend on the

State College campus is set for April 14 and 15, 1961. Information about the event and applications for entering a booth have been mailed to all organizations on campus. Any organization which did not receive the information and application but is interested in putting up a booth should call the Activities Office or drop by the office.

Ninety percent of the profit made by the booth is kept by the organization sponsoring the booth, and ten percent is given to the Student Loan Fund. Several colleges, including U. N. C., Woman's College, and the girl's schools in the Raleigh area have been invited to attend the event.

An organization sponsoring a booth may also enter two contestants for the Carnival Queen Contest which will be held on Friday, April 14. The Queen will be presented at the dance on Saturday, April 15, and she will preside over the presentation of trophies for the best decorated and the most original booths.

Kanipe Announces

(Continued from page 1)

them bound for future use and reference.

"In addition to restoring past records I would like to devise a system by which all Student Government actions and proceedings of future years may be collected, codified, and bound.

"I am in favor of the creation of a committee to insure that the interest of married student housing residents are to be represented in the legislature.

"For these reasons I seek the support of the Student Body for

my election as Student Government Secretary.

"My experience in the legislature has given me an insight into the functions of the Student Government, which is necessary for effective service.

"In announcing my candidacy for Student Government Secretary I pledge to utilize my knowledge and experience to the fullest extent in serving each student. I will work both to lead and serve the student body in a dignified, open-minded, and dynamic manner.

"In order that I may have the opportunity to fulfill my pledges I request you to go to the polls on April 13 and support my candidacy for the office Student Government Secretary."

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Phi Kappa Tau

Crowns Sweetheart At Carnation Ball

Miss Donna Mae Matthews was crowned Sweetheart of Chi Chapter of Phi Kappa Tau Fraternity last Saturday night during their annual Carnation Ball which was held at the Plantation Inn. She will reign as the Chapter Sweetheart throughout the coming year.



Miss Matthews

Miss Matthews is a senior at Peace College this year and is the daughter of Mr. and Mrs. W. G. Matthews, Jr. of 2809 Fowler Street.

THE TECHNICIAN

March 23, 1961

7

Dr. Curtis Resigns Post; Transfers To Maryland

North Carolina State College is losing another key faculty member to another Southern university.

He is Dr. John M. Curtis, in charge of the extension marketing program at State College, who will leave in June to become head of the University of Maryland's Department of Agricultural Economics.

Curtis' appointment to the new post was approved by the University of Maryland's Board of Regents last Friday.

A native of Randolph County, Dr. Curtis has been a member of the extension marketing staff at State College since 1951.

For the past five years, he has headed the marketing program, which is an educational effort designed to improve the marketing of North Carolina agricultural products.

In announcing Curtis' resignation, Dean H. Brooks James said a recent survey placed the extension marketing program at State College among the best in the nation.

For several years, Curtis served as president of the North Carolina Grain Production and Marketing Committee.

He also was responsible for securing a U. S. Department of Agriculture contract to develop an educational program for managers of agricultural marketing firms.

Curtis received his B.S. and M.S. degrees from State College, and his Ph.D. from the University of Maryland.

He is married to the former Pauline Dahlquist of Worcester, Mass. They live at 5321 East Lakeside Drive, Raleigh, with their two sons, John, Jr., and Jefferson.

CUSC Tourists To Meet

The CUSC European Tour will hold its final meeting in Chapel Hill, Sunday. The State delegation will meet at the front entrance of the College Union at 5:30 P.M. Transportation will be provided to Chapel Hill where the State, UNC, WC delegations will receive the tour's final flight arrangements.

Mr. E. G. Blakeway, ex-British exchange teacher and

tour director, will present the final flight arrangements, exhibit slides of the sites to be visited this summer, and will introduce members of previous tours. An informative session will follow in which the tour members can meet each other, address any questions to Mr. Blakeway, and can meet firsthand persons who have been to the tourist centers of Europe.

1961 District Science Fair Planned At State Saturday

Over 176 junior and senior high school students will enter more than 151 exhibits in the 1961 North Central District Science Fair at North Carolina State College Saturday (March 25).

Students from the following counties in the North Central District will compete:

Wake, Johnston, Nash, Halifax, Northampton, Harnett, Lee, Moore, Chatham, Durham, Orange, Person, Granville, Vance, Warren, and Franklin.

Earn \$135 weekly during summer traveling overseas. MUST BE U. S. CITIZEN. Complete details furnished. Send \$1.00. Lonsing Information Service, Dept. E-13, Box 74, New York 61, N. Y.

Students will register and set up exhibits Saturday at 7:30 a.m. in the College Union Building. Judging will take place at 10:30 a.m. The exhibits will be open to the public Saturday from 2:30 to 5:00 p.m.

The students will compete for junior and senior division prizes in two categories, biological science and physical science. Five winners from the senior division in each category will compete against winners from six other districts in North Carolina at the State Science Fair at Duke University April 7-8.

Dr. John T. Caldwell, chancellor of North Carolina State College, will address a luncheon meeting of students from schools in the district, after which winners will be announced and awards presented. The luncheon will be in Leazar Dining Hall at 12:45 p.m.

Dr. Homer C. Folks of the State College faculty is director of the District Fair.

North Carolina Science Fairs are sponsored by the North Carolina Academy of Science in cooperation with several govern-

ment agencies and commercial enterprises. They afford unusual opportunities for students with abilities in science and mathematics to display their work to parents, teachers, students, and the general public.

Entries will be judged on the basis of creative ability, scientific thought, skill, thoroughness, clarity and dramatic value. Points will be awarded in each area of judging; winners will be determined on this basis.

Each entry will be a display consisting of a demonstration experiment, a working model, or of charts, diagrams or collections with a scientific objective.

Certificates of participation for all contestants and seals of merit to all winners will be awarded.

Serving with Dr. Folks on the District Science Fair Committee are the following members of the State College Faculty and staff:

Prof. Clarence Asbill; Dr. George Caldwell; Dr. Arthur Cooper; Dr. R. L. Rabb; Dr. S. E. Younts; and Prof. John Whitfield.

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UNC Student Play Slated For Weekend

A racy, rollicking "Celestina" will be presented as this year's annual UNC "Sound and Fury" production Friday and Saturday nights, March 24 and 25, in Chapel Hill.

"Celestina," the story of a matchmaker and two young lovers, will be presented in Memorial Hall at 8. Tickets for \$1 will be available at the door. The annual student production stars Miss Susie Cordon of Chapel Hill as Celestina, a Spanish matchmaker who manages a house of ill repute and trains her girls in "the oldest profession in the world."

Miss Lyla-Gaye Van Valkenburgh of Rye, N. Y., and Stark Sutton of Atlanta, Ga., co-star as Melibea and Calisto, two ill-fated lovers who meet through Celestina.

The musical play is written by Bruce Mooney and Lloyd Infinger and is directed by Lloyd Infinger. Miss Cordon is stage manager.

Based on a 14th Century story, the plot of "Celestina" is derived from the same incident on which Shakespeare based his plot of "Romeo and Juliet." But the UNC production is spiced with risqué songs and whirling skirts.

Melibea is a well brought-up daughter of an aristocrat who traditionally insists on selecting her suitors. But Melibea's heart thinks otherwise when she first sees a handsome huntsman named Calisto.

Through Celestina who insists "all the world should live

Flashes

(Continued from page 2)

for his knowledge of jazz, an enthusiasm shared by the chapter), and others who have visited the house after lecture appearances at the college.

They recall with pride also their assistance to the local chapter of the American Red Cross during the traditional fraternity "Help Week" and their aid to the March of Dimes.

The Raleigh Little Theatre salutes its friend and neighbor, Chi of Phi Kappa Tau, who have aided immeasurably in making our productions possible.

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MEN'S WEAR

Radiation Warning Issued

It is of utmost importance that the American people know of the radiation dangers they are facing, one of the nation's leading geneticists said in an interview with The Technician.

Dr. Wallace, who is attending an international symposium on genetics at State College, said there is no such thing as a safe level of radiation. Even low levels of radiation will cause mutations, or sudden changes in plant and animal offspring, he said.

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And Dr. Wallace warned that most mutations studied have impaired the health of their carrier. "Much human misery has resulted from mutations of the past, and more mutations will mean more misery," he said.

The geneticist estimates that the health of several hundred people in the world already has been damaged by radiation induced mutations. But he warned that "deleterious mutations in these individuals will find their

way into countless other individuals."

Dr. Wallace emphasized that the decision to resume nuclear testing must be based on more than the mutations that could be expected from such tests.

"After all," he said, "nations have lost millions of men over a cause. If bomb tests will prevent war, then perhaps mutations are part of the price we must pay."

He illustrated this point by comparing the mutations that

can be expected from atomic testing to highway fatalities that can be expected from automobiles.

But he concluded by saying that "if we wait until the effects of radiation become obvious in the human population, then perhaps we have waited too long. We must be aware of what radiation is doing."

Dr. Menius

(Continued from page 3)

college, the Dean feels, enables the faculty to advise the students more wisely, and also enhances the programs of study.

The School of Physical Sciences and Applied Mathematics, says Dr. Menius, was born out of the need to develop a more solid core for the various technologies. A background in Physics, for example, would enable a person to see across the boundaries of specialties such as reactor design, rocket propulsion, etc., and form more objective opinions.

Delegates

(Continued from page 6)

afternoon agenda. Governor Sanford appeared at the symposium last night to introduce the keynote speaker, Dr. Jerrold R. Zacharias, professor of physics at MIT.

In his introduction, the Governor declared:

"It is in the classrooms and laboratories, that the cold war victor will be found."

He said this conviction is behind his new education program for the State.



BOOM!

Today, foregoing levity, let us turn our keen young minds to the No. 1 problem facing American colleges today: the population explosion. Only last week four people exploded in Cleveland, Ohio—one of them while carrying a plate of soup. In case you're thinking such a thing couldn't happen anywhere but in Cleveland, let me tell you there were also two other cases last week—a 45 year old man in Provo, Utah, and a 19 year old girl in Bangor, Maine—and in addition there was a near-miss in Klamath Falls, Oregon—an eight year old boy who was saved only by the quick thinking of his cat Walter who pushed the phone off the hook with his muzzle and dialled the department of weights and measures. (It would perhaps have made more sense for Walter to dial the fire department, but one can hardly expect a cat to summon a fire engine which is followed by a Dalmatian, can one?)



bring up the population explosion not to alarm you, for I feel certain that science will ultimately solve the problem. After all, has not science in recent years brought us such marvels as the transistor, the computer, the bevatron, and the Marlboro filter? Oh, what a saga of science was the discovery of the Marlboro filter! Oh, what a heart-rending epic of endless trial and error, of dedication and perseverance! And, in the end, what a triumph it was when the Marlboro scientists after years of testing and discarding one filter material after another—iron, nickel, lead, tin, antimony, sponge cake—finally emerged, tired but happy, from their laboratory, carrying in their hands the perfect filter cigarette! What rejoicing there was that day! Indeed, what rejoicing there still is whenever we light a Marlboro and settle back and enjoy that full-flavored smoke which comes to us in soft pack or flip-top box at tobacco counters in all fifty states and Cleveland!

Yes, science will ultimately solve the problems rising out of the population explosion, but in the meantime the problems hang heavy over America's colleges. This year will bring history's greatest rush of high school graduates. Where will we find classrooms and teachers for this gigantic new influx?

Well sir, some say the answer is to adopt the trimester system. This system, now in use at many colleges, eliminates summer vacations, has three semesters per annum instead of two, and compresses a four year course into three years.

This is good, but is it good enough? Even under the trimester system the student has occasional days off. Moreover his nights are utterly wasted in sleeping. Is this the kind of all-out attack that is indicated?

I say no. I say desperate problems call for desperate remedies. I say that partial measures will not solve this crisis. I say we must do no less than go to school every single day of the year. But that is not all. I say we must go to school 24 hours of every day!

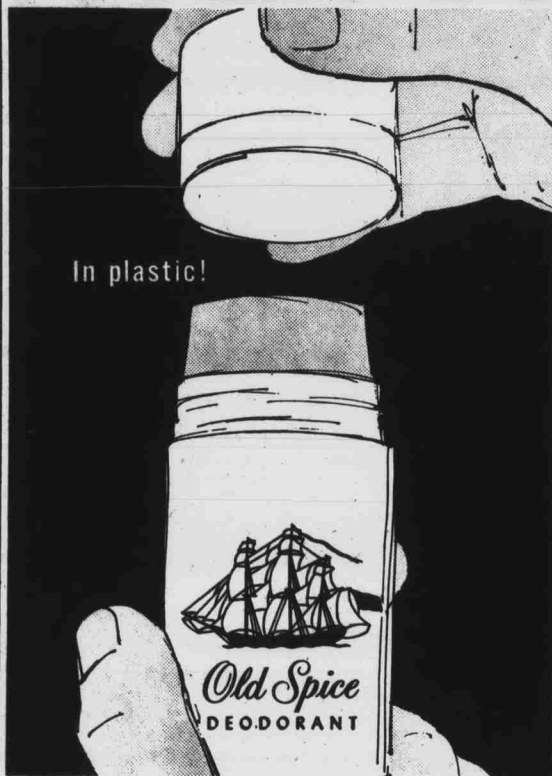
The benefits of such a program are, of course, obvious. First of all, the classroom shortage will immediately disappear because all the dormitories can be converted into classrooms. Second, the teacher shortage will immediately disappear because all the night watchmen can be put to work teaching calculus and Middle English poetry. And finally, overcrowding will immediately disappear because everyone will quit school.

Any further questions?

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Yes, one further question: Have you tried Marlboro's newest partner in pleasure—the unfiltered, king-size Philip Morris Commander? If not, by all means come aboard. You'll be glad you did.

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