

# The Technician

North Carolina State's Student Newspaper

Vol. LXIX, No. 44

North Carolina State Station, Raleigh, N. C., Friday, February 5, 1965

Four Pages This Issue

## School Calendar Change Studied By Peele Hall

The administration is considering changing the school calendar, ending the fall semester before Christmas.

Under the proposed change, the fall semester will begin around September 1 and end the week before Christmas with a one-day holiday on Thanksgiving Day.

The "semester break" would continue through the middle of January, allowing for nearly a month's vacation.

The spring semester would end in the middle of May with a six-day spring holiday at Easter.

The administration is making efforts to get student reactions to the proposal before actually instituting a change, according to Banks Talley, director of Student Activities.

The proposal will be presented to the faculty if it meets the approval of the students, Dean J. J. Stewart of Student Affairs said.

The change is being proposed for the year 1966-67, but Talley said if favorable reaction is expressed, it might be considered for the coming academic year.

A similar system is in operation at Clemson University and Pfeiffer College.

In comparison with the present schedule, the fall semester would begin two weeks earlier, cut the Thanksgiving holiday from four days to one day, and combine the two-week Christmas holiday and one-week semester break into a month's vacation.

The spring holidays would not be changed. However, the spring semester would begin and end two weeks earlier.

Dr. W. J. Block, chairman of the faculty senate, said yesterday he was delighted to hear that the matter was being re-considered. A similar program was presented to the Chancellor two years ago for approval but was rejected.

Student Government President John Atkins said the SG Academic Affairs committee is studying the proposal.

Both Talley and Stewart suggested that students make their opinions known through campus organizations.

## Honor Board Convicts Three

Three students accused of honor code violations were found guilty Tuesday night by the Honor Code Board.

An Industrial Engineering junior found guilty of cheating on a physics examination received a one-semester and summer school suspension.

A Recreation and Park Administration senior found stealing examination papers after



N. C. State cheerleaders and fans grieve as Duke pulls away from State in Wednesday game. (Staff Photo)

## Blood, Sweat And Tears Accompany State's Loss

By JANEEN SMITH

Blood, sweat, and tears. State, 74, Duke, 84.

The smoke already hung heavy in Reynolds Coliseum at 8:30 p.m., and the jumping, shouting multitude of State students in the far end court seemed distant and imperceptible.

Faces, faces everywhere. Mouths open and shouting, "Go State!" Students sat under the rafters, peering around the lights and down onto the court where a basketball fan's dream was running through its course.

State was behind from the start. Duke was making its shots with ridiculous ease, and State was struggling to retain control, much less sink a basket, under Duke's towering team. But it didn't seem to matter. The students screamed and clapped and jumped up from their seats to urge on a team that had accomplished far beyond expectation and now was fighting a real battle.

Duke was leading by eight points. It was State's ball and six points behind. Then Duke's ball. Then Biedenbach was a flash of light, darting, grabbing, rolling on the floor. Thousands of Wolfpackers stood up and screamed with pride, joy, and expectation.

It was hot on the back row. The crowd was pressing and the smoke was heavy, but the spirit was there. All of State was in there fighting. Not just the team, but North Carolina State itself.

State was trailing all the way. The closest the team came was one point. But N. C. State could walk away with pride. This was a real basketball game. The team and the spirit were there.

## Sculpture Show Is Presented

The Erdahl-Cloyd Union Gallery is presenting a one-man show of sculptures by Ray Musselwhite, assistant professor in the School of Design.

The exhibit, which will run until February 22, features twenty untitled sculptures of varying dimension and material, and a series of sketches done as preliminaries to the finished pieces of sculpture.

The young (34) Wilmington native has exhibited widely in

the South, and has accumulated, in the past eight years, an admirable number of awards, honors, and exhibition credits.

Musselwhite won his first top award at the age of 17 when he received first place honors from the U. S. Department of Commerce for a painting.

The sculptures on exhibit at the Union were done in the past two years, and are presently

owned by the artist. "We live with them," he says, but prices are available upon request.

All of Musselwhite's sculptures are part of a series, forms and shapes that evolve from one sculpture into another. "I start a series with an idea, and things germinate from that idea," he stated.

Musselwhite said that his sculptures could be inspired by an abstract idea, an environmental happening, a piece of wood—a different approach every time.

When asked how he became interested in sculpture, Musselwhite replied that it evolved from his interest in art. "I worked for a long time as a painter, and found that a flat plane wasn't enough. It didn't satisfy me."

## Young Republican Club Runs Officer For Council

The N. C. State Young Republican Club is running Charles Williams, the club's treasurer, for treasurer of the North Carolina Collegiate Council of Young Republicans.

The election for this office will take place at the State Young Republican Convention in Charlotte this weekend. Accord-

ing to Willard Preussel, club chairman, Williams will probably win. Preussel added that he knows of no opposition to Williams at the present time.

Williams is currently the club treasurer, and mid-eastern liaison officer for the College Council. In the past, he has served as associate editor of *The New Southerner*. During the past year he has helped organize two new college Young Republican Clubs. Williams is majoring in Political Science.

The N. C. State Club, the fourth largest college YR club in North Carolina, has pledged its eight College Council convention votes to Williams, and most of the clubs in the mid-eastern region, which includes about half the college clubs in the State, are expected to support him.

## N.C. State Wants Institute

N. C. State is in the process of obtaining a water resource research institute.

The institute was authorized by an act of Congress last summer. The act stated that money would be appropriated for the fiscal year 1965 to provide \$75,000 to each of the several states involved in the first year, \$87,500 in each of the second and third years, and \$100,000 each year thereafter.

The institutes are to be established at one land-grant college or university in each state.

Dr. Francis J. Hassler, head of the Agricultural Engineering Department, is the acting administrator for the project here. He stated that no definite time has been set for actually establishing the program.

Hassler said both N. C. State and the University of North Carolina at Chapel Hill will use the institute to provide research opportunities for graduate students.

The act was established to provide a water supply "sufficient in quantity and quality to meet the requirements" of the expanding population.

## Jobs For Summer Open To Students

Summer jobs are going begging.

The Student Government Summer Employment Commission set up a year ago to find summer jobs for students is having difficulty getting students to apply, according to Russell Whitley, publicity chairman.

The deadline for applications is February 15.

Whitley said the commission is particularly interested in juniors and seniors in the following curriculums: chemical engineering, textiles, ceramics, industrial engineering, poultry science.

Jobs in other fields are also available, he stated. All students may apply, regardless of their level of study.

Some of the jobs pay \$400 to \$500 per month, Whitley said. He also pointed out that the commission now has about twice as many companies seeking applicants than last year.

About 50 to 75 students gained jobs through the commission last summer, but Whitley said he expected the number to be considerably higher this year.

## Interview Schedule

Students may sign up for interviews at 239 Riddick with the following companies February 8. The companies will be on campus February 22.

- Appalachian Power Company—CE, EE, ME.
- Joseph Bancroft and Sons—EM, ME, CHEM, TX, TKC, TXT.
- Bethlehem Steel Company—(Feb. 22 & 23)—CRE, CE, CEC, CH, EE, EM, IE, ME, MTE, CH, PY.
- California State Personnel

Board—(Feb. 22 & 23)—CE, CEC.

Drexel Enterprises—IE, ME, FMM, WT.

B. F. Goodrich Company—CHE, EE, ME, AMA, CHEM, PY, EST, TXT.

Great Lakes Research Corp.—CRE, CHE, MTE, CHEM, PY.

Ralston Purina Company—AgE, CE, ChE, EE, IE, ME.

The Trane Company—(Feb. 22 & 23)—CE, CEC, EM, IE, ME, MEA.

## Do You Want A Change?

The administration is putting the question in the open: do you want to change the school calendar? And now is the time to respond.

The proposed change essentially boils down to the issue of whether or not the students and faculty prefer to have exams before Christmas or after Christmas.

The fall semester is now a hectic period of Thanksgiving holidays, classes, Christmas holidays, classes, exams, and holidays again, all within about two-months time.

The changes would limit the Thanksgiving holidays to one day or more, depending upon when classes began for the fall semester, but would combine the Christmas holidays and semester break period into a 27-day continuous vacation.

The length of the holidays may be two or three days shorter under the new proposal, again depending upon when the semester began. However, the fact that the vacation would be in consecutive days from the middle of December to the middle of January would provide a longer period in which to travel, work, or whatever one wants to do with his free time.

A significant advantage would be that students would not be under the constant pressure of schoolwork during the extended vacation. The semester would be over and there would be none of the usual thoughts of the misery of returning to school after Christmas with exams still to be taken.

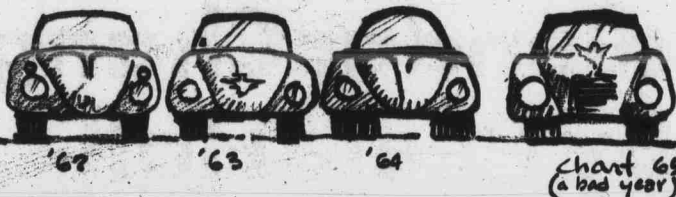
The spring vacation would be unchanged. Classes are dismissed for six days under the present system and would also be dismissed for six days under the new schedule.

However, the beginning and end of the year would undergo rather drastic changes. The fall semester would begin promptly on September 1. From an optimistic viewpoint, this would be after most of the students and faculty had completed their summer jobs or whatever they were doing. But on the other hand, it would mean rushing into nearly four months of study with only Thanksgiving Day as a holiday. Still the early starting date would be more desirable in view of the gains made by having exams before Christmas.

Then, too, the spring semester would end in the middle of May rather than at the end, allowing a two-week head start on summer jobs, or vacation, or even a break before starting a job in June.

The administration is relying on the students and faculty for opinions and reactions to the proposal before definite plans are made. The idea appears to be considerably more desirable than the present schedule, but inevitably it won't satisfy everyone. Now is the time to speak out.

PRACTICE MAKES PERFECT....



## CONTENTION

208, REVISITED

To the Editor:

During the past fall semester many statements concerning the Physics department, particularly the 208 recitation instructors, were made. The question of the validity of these statements is not the subject of this letter. Rather, the matter at hand is the recognition of a fine teaching effort, put forth by a particular instructor, which, heretofore openly unmentioned, is certainly deserving of recognition. The example of such an instructor and performance is Mr. Paulinus Shieh.

Although laboring under the surely heavy burdens of a man studying to earn a doctor's degree in nuclear engineering, Mr. Shieh undoubtedly devoted many hours to his 208 recitations. Every recitation would begin with a short, but very enlightening and comprehensive lecture on the subject material. Solutions to every assigned problem, with a thorough explanation, practical examples, and attention to any arising question then followed. Any additional problem pointed out by any student was worked and explained willingly. Each quiz was graded and returned to the class by the very next class period, at which time it also was explained fully. The classes, filled with interjected bits of humor, "philosophizing," and advice on methods of study were always interesting and never dull. The concern of this man for the success of his students was shown clearly when Mr. Shieh offered to meet with any small group of students requiring help at their specified time during the Christmas holidays. Is this "above and beyond the call of duty?"

Certainly this man should be recognized for this fine effort, performance, and for his cheerfulness and humble, sincere concern for the welfare and success of his students. It goes without further mention that Mr. Shieh is appreciated by

many of his students other than myself.

Cal Kaschub

### THE STUDENT'S 'CLIP' STORES

To the Editor:

Something MUST be done about the so-called "Student's Supply Store" on this campus. In the past, I have joined the myriad students who do nothing but grimace with each ring of the store's greedy cash register. Now, fellow victims, is the time for ACTION—now, before the store can slither subversively through another semester, living up to its popular nomenclature, the clip joint.

I would like to know the number of English 112 students who have been unable to purchase that subject's text, *Trio*. The store ran out Monday, shortly after noon. There is no relief—no new shipment—due until, in the words of the blase gentleman with whom I dealt, "the latter part of the week." However, there is an assignment in that book, due Wednesday for many.

Before I left for Semester Break, I trotted to the store to receive some financial relief by selling my MA 111 book (the yellow thing). I paid \$6.18 for the book, used, in the fall. An official of the store, hiding behind glasses and a considerable paunch, no doubt developed from feasting on the spoils of unfortunate students, waved a magic wand over the book to the tune of \$1.25 (this, not enough to get a decent hair-cut)—ONE DOLLAR AND TWENTY-FIVE CENTS. True, the book's cover was worn, its back broken. Similar books, nevertheless, repaired with bright green tape (the color of money?) sell for \$5.87, a profit of, if my math is correct, \$4.62.

A friend who recently dropped Design sold \$20.00 worth of books—a Calculus book (\$11.00 new) and Martin's *Graphic Design* (\$8.00 plus, new)—for

\$9.75. The Calculus book, alone, resells at the store for \$9.27. Now, I ask you....

Something MUST be done. Student Government is supposedly the voice of the student body. Now is the time for that voice to be heard.

Barry Allen

### FEAR NOT

To the Editor:

To any new students entering school or any students on the verge of academic dismissal—fear not that your future at this institution will depend upon that "abstract" concept of passing a course. For State is one of the leading schools in the modern theory of learning—you are not to be thought of, as a person residing here primarily to learn some academic discipline or to obtain knowledge from dry impersonal books. No—you are to develop your "skills and abilities for more productive uses," which is not to be correlated to your ability to do well in the classroom, but to whether you are a good, well-rounded guy. It is not so important that you gain ideas and meet a minimal requirement of achievement, but have you got a good attitude?

At State, if you cannot meet the challenge of knowledge, fear not that old fogey notions will cause your dismissal. Merely arrange to have those new champions of the "you don't have to learn from textbooks" philosophy—Coach Maravich and Coach Case—to plead your situation.

If you should ever come before the Honor Code Board for cheating, merely quote that wise old sage, Coach Case, that the pressure of grades—not your inability or lack of incentive to learn was your reason for "fudging."

Bill French

P.S. Getting Maravich or Case to defend your right to stay might be helped if you can average 20 points per game.

By THOM FRASER  
We understand that two things polite people do not discuss are off-color humor and controversial issues. Since we feel that we have slighted the latter we thought we would initiate some new departments.

**Political Department:** It's that time of year again. The posters should be soon adorning the landscape, and the Kemp-Fishburne-Holmes triumvirate are making plans for the election issue of *The Technician*. We have already been told in no uncertain terms by those in the know that the election is irrelevant; Chip Andrews is Student Body President. The only difficulty is that we have also been informed by highly placed campus politicians that the election is just a formality; Jackie Mitchell is elected. Oh, well, personally we are supporting Charlie Brown for president!

The *Daily Tar Heel* began one story:

### 21ST CENTURY HEALTH BUGS SEEN SOCIAL

A British scientist, taking a cautious peek into the early part of the next century, foresees man's main health problems as social.

At the present rate of things, we really don't think that we will have to wait until the 21st century.

The (Halifax, Nova Scotia) Dalhousie University *Dalhousie Gazette* has the following sentence prominently on their masthead:

Edited and Managed by students of Dalhousie University, under the smothering control of the Council of the Student Politicians.

More Peerless humor from "The official humor magazine of Duke University."

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"What's the difference between a girl and a cow?"  
"I don't know, what?"  
"Gosh, you must have some hellacious dates."

## The Technician

Friday, February 5, 1965

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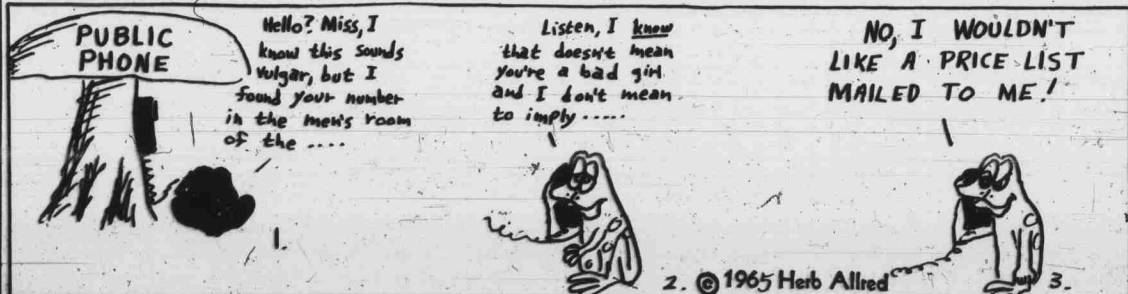
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## Throckmortimer



# Sigma Phi Epsilon, Alexander Win Volleyball Championships

Three days before fall semester exams began and one day after the last publication of *The Technician* in the fall term, Sigma Phi Epsilon and Alexander completed the fall intramural sports schedule by taking the championship game in the fraternity and dormitory volleyball tournaments.

The Sig Eps took the fraternity crown from Delta Sigma Phi in a close three-game match. Both teams had suffered only one defeat in the regular season action. Delta Sig began the match by running away with

the first game, 15-7. The following two games saw the Delta Sigs take an early advantage with the Sig Eps coming from behind into the lead. In both games, however, a late Delta Sig rally kept the match in doubt until the final point. Steve Fort, Scooter Parker, and Van Donnan were outstanding for SPE while Bare and White were outstanding for Delta Sig.

Alexander had an easier time turning back Turlington in the dormitory playoffs as the winners won the first and third games of the match by scores

of 15-8 and 15-5. Turlington showed a little life in the second game as they came from behind to tie the game and push the score into overtime before winning 17-15.

## Important Notice

State students may pick up tickets to the State-Carolina basketball game beginning Monday, February 8, at 8:30 p.m. The ticket window will be open Monday, Tuesday and Wednesday between 8:30 and 4:30. Maximum tickets per person is one student ticket, one date ticket, and two guest tickets.

## Intramural Basketball Standing Through Jan. 4

### OPEN LEAGUE

Section #1	Section #2	Section #3
Bulldogs 3-0	Diane's 2-1	Tigers 2-1
Royals 2-1	Wesleyan Found. 1-2	Super Jocks 1-2
Outcasts 1-2	Super Jocks 0-3	
Winkie Dinks 0-3		
Section #3	Section #4	
Raiders 3-0	Rebels 2-0	
PKA Pledges 2-1	Swampers 1-0	
Dodge City 1-2	Baulahs 0-1	
Carpetbaggers 0-3	Goldbrickers 0-2	

### DORMITORY LEAGUE

Section #1	Section #2	Section #3
Turlington 3-0	Bragaw North #2 2-0	
Bragaw S. #1 2-1	Owen #1 2-0	
Lee #2 1-2	Becton 1-2	
Syme 0-3	Lee #3 0-3	
Section #3	Section #4	
Alexander 3-0	Tucker #1 2-0	
Berry-W-G 2-1	Bragaw S. #2 2-1	
Bragaw N. #1 1-2	Lee #1 1-1	
Bagwell 0-3	Owen #2 1-2	
	Tucker #2 0-2	

### FRATERNITY LEAGUE

Section #1	Section #2	Section #3
Phi Kappa Tau 3-0	Sigma Alpha Mu 2-0	
Pi Kappa Alpha 2-1	Kappa Alpha 2-1	
Sigma Chi 1-2	Alpha Gamma Rho 1-1	
Sigma Pi 0-3	Lambda Chi Alpha 0-3	
Section #3	Section #4	
Sigma Phi Epsilon 2-0	Sigma Nu 3-0	
Delta Sigma Phi 1-1	Tau Kappa Epsilon 1-1	
FarmHouse 1-1	Theta Chi 1-1	
Kappa Sigma 1-1	Sigma Alpha Epsilon 1-1	
	Pi Kappa Phi 0-3	

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## Bowling Play-offs

The College Union, Western Lanes and the State Intramural Athletics department will sponsor the Region Five Association of College Union Bowling Tournament here in Raleigh this month. All undergraduate students having a 2.0 scholastic average or better and are in good amateur standings may enter.

The 12 highest qualifying students will bowl a nine-game set for the top five to represent N. C. State in the Regionals this month. The regional winner will bowl in the finals in St. Paul, Minn.

Maximum cost is \$2.00 for six games in the qualifying round and \$1.50 for nine games in the playoffs. The five top bowlers from State will be sponsored by the College Union for the remainder of the competition.

Those interested are asked to contact the College Union or Art Hoch for further information.

## ENGINEERING OPPORTUNITIES

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APPLIED MATHEMATICS  
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ENGINEERING PHYSICS

## CAMPUS INTERVIEWS

MON. & TUES., FEB. 8, 9

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# Campus Crier

There will be a coffee hour and discussion session after the 8 p.m. showing of the Sight and Sound movie, *The Liveliness of the Long Distance Runner*, today in the Erdahl-Cloyd Union. The first showing begins at 6 p.m. Professor James Coleman of the Social Studio Dept. will be the discussion leader at 10 p.m.

Informal tryouts for A. A. Milne's comedy *Mr. Pim Passes By*, will be held in room 202, Jones Auditorium, Meredith College, Wednesday 3-5 p.m., Thursday 4-5, 7-9:30 p.m., and in the theater section of Jones Auditorium Friday from 3-6 p.m. Three men are needed. For further information, call extension 265, Meredith College.

The Piedmont Sports Car Club will sponsor a Gymkhana Sunday at the Smithfield Go-Cart track. Take highway 301 North out of Smithfield and turn on a dirt road at a check-point sign. Registration is at 10 a.m. and runs start at 1 p.m. Seat belts are required.

A Lost and Found auction will be held in the Erdahl-Cloyd Union at 7:30 p.m. Thursday.

A green three-quarter length corduroy coat with knit collar was lost from room 313-C Bragaw. A \$5 reward is offered for its return or information leading to its return. Contact Lloyd

Williamson at 313-C Bragaw or phone TE 3-0197.

Found in vicinity of locker 203, Carmichael Gym, a check-book in personalized case. Owner can claim it at 317 Syme from Vance Fisher.

The students from Puerto Rico are celebrating a "Puerto Rico Day" on Saturday at 6:30 p.m. Tickets are on sale for \$1.00 each at the Union for the dinner. Everybody is invited to the program at 7:45 p.m. free of charge. Dr. Victor Skerrett will speak and there will be music of Puerto Rico and a film entitled, "Not by Bread Alone."

There will be a meeting of all persons interested in college radio broadcasting and interested in becoming members of the WKNC staff Monday at 7 p.m. in the WKNC studios in the basement of the YMCA.

The American Institute of Chemical Engineers will meet Tuesday at 7 p.m. in 242 Riddick. The speaker will be from Air Products and Chemical Company.

The Student NEA will meet Monday at 7:30 p.m. in the Erdahl-Cloyd Theater. Dr. A. C. Dawson Jr. will speak on legislation affecting education to be introduced to the N. C. General Assembly in 1965.

The N. C. State Veterans Association will meet Friday at 7:30 p.m. in 254 Erdahl-Cloyd Union to organize and plan programs for the coming semester. All old and any new members are asked to attend.

The Wesley Foundation will meet Sunday at 6 p.m. in Fairmont Methodist Church. The program will concern summer service opportunities for students. Everyone is invited.

The Westminster Fellowship will meet Sunday at 6 p.m. in West Raleigh Presbyterian Church on the corner of Horne

and Vanderbilt Avenues. A program on Hinduism will follow a supper at 6 p.m.

On Monday there will be coffee at 3:30 p.m. in 213 Tompkins Hall followed by a colloquium by Dr. Key L. Barkley on the attitudes of North Carolina college students and adults from 1935 to 1965.

There will be an orientation meeting for the tutors of the SG Tutorial Project Monday, February 8 at 7:30 p.m. in room 230 of the Erdahl-Cloyd Union. All interested students and faculty members are invited to attend.

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## A NEW DIMENSION IN SCIENCE AND TECHNOLOGY

In an era where the frontiers of intellectual endeavor demand constant investigation, *imagination must be the crux of motivation.*

The research laboratories at the National Security Agency exemplify that rare activity where imagination and a look at the possibilities of tomorrow are the accepted philosophy. A glance inside these modern, well equipped laboratories would reveal project teams engaged in a broad spectrum of scientific investigations.

Among them . . .

**MAJOR COMMUNICATIONS SYSTEMS DEVELOPMENT**—Design of new antennas, transmitters, receivers and terminal equipment. Constructing preliminary and basic engineering models to demonstrate the feasibility of using new communications concepts, techniques and circuits. Adapting and perfecting these through the design of a working prototype or field test model.

**COMPONENT MINIATURIZATION STUDIES**—Practical attempts, through basic design and analysis, to reduce the size yet improve the capability of communications and electronic data processing systems.

**SYSTEMS SIMULATION STUDIES**—Utilization of modern digital and analog computers to predict the feasibility of engineering ideas and innovations.

**MATHEMATICAL INVESTIGATIONS**—Exploring the phenomena of the intermarriage of mathematics and electronics in the design of secure communications systems; an essential element of the complex science of cryptology.

**ENVIRONMENTAL TESTING**—Proving the capabilities of components and systems by simulating atmospheric

extremes. These tests are conducted with the latest equipment capable of simulating a wide variety of environmental conditions.

For the **ENGINEER** and the **MATHEMATICIAN**, NSA provides a unique variety of opportunities in a *NEW* dimension in science and technology . . . To assure the success of this venture, scientific employees are encouraged to pursue graduate studies at local universities under Agency sponsorship.

Representatives of the National Security Agency will be conducting interviews on campus on:  
**February 10, 11, 1965**

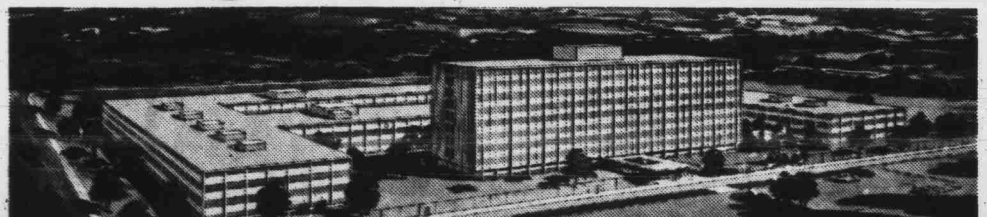
Check with your Placement Office early to schedule an interview. For further details, write to:

Mr. Phillip M. Coffey  
College Relations Branch  
Office of Personnel  
National Security Agency  
Fort George G. Meade, Maryland



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