

Key State Races To Be Decided Tomorrow

RALEIGH (UPI) — Democrats are expected to keep their 7-4 majority in Tuesday's congressional races in North Carolina, but political leaders have been closely watching strong challenges in two districts.

Representative Nick Galifianakis, D-NC, and Representative Earl B. Ruth, R-NC, appeared to have the most cause for concern, but a loss by either would constitute an upset.

Galifianakis, a personable former Duke law professor, returned

to the 4th District when Congress adjourned to find Jack Hawke, a young Republican who managed James C. Gardner's 1966 campaign, making inroads in his territory.

Ruth, who two years ago became the first Republican to represent the 8th Congressional District since the Civil War by a scant 3,000 votes, is opposed by H. Clifton Blue, a respected weekly newspaper editor and former speaker of the House of Representatives.

Blue has hammered away at "runaway inflation" which he said is hurting senior citizens, and proposed an extension of the veterans on-the-job training program to include non-veterans to help ease rising unemployment.

Representative L.H. Fountain, D-NC, is the only incumbent congressman without a strong challenger in Tuesday's general election. American Party candidates are on the ballot, but are not expected to pose any challenge to incumbents.

Voters will also cast ballots in state House and Senate races and on seven constitutional amendments. The only controversial amendment would reorganize state government, trimming the more than 200 agencies to 20.

Hawke's challenge in the 4th District was not taken very seriously by either party early in the campaign. At 29, the thinking went, he was too young and would be hurt by his Pennsylvania background and the fact that he had never held political office.

Hawke, a dark-haired veteran political aide, has battered at Galifianakis for his vote in favor of the Cooper-Church Amendment, his failure to sign the "friend of the court" brief circulated among Southerners in Congress in opposition to forced busing, and his votes to override the President's vetoes on four appropriations bills.

Galifianakis said he didn't sign the petition because he was not in Congress in 1964 and could not speak for "congressional intent" in passage of the 1964 Civil Rights Act. He also said the petition could be interpreted as an effort to bring pressure on the court.

Campaigning Late

Galifianakis began his serious campaigning late, handing out brochures with pieces of candy attached, explaining that he did not want to leave Washington while the session was in progress.

The old 4th District four years ago elected Gardner, who took

(continued on Page 5)



GOVERNOR BOB SCOTT (l) and Congressman Nick Galifianakis (r) Jack Hawke, Congress-candidate from the 4th District, addressed a Sunday seminar.



the Technician

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Preregistration To Begin Next Monday

by Hilton Smith
News Editor

Preregistration for the spring semester begins next Monday, November 9 and runs through November 20.

All students who plan to be at State during the spring semester must preregister during this two-week period.

The Spring Schedule of Courses booklets will be available this Friday in the departmental offices. A student should pick them up from the department in which he is majoring.

"The booklets as usual will contain all the directions necessary to complete registration," stated University Registrar Ron Butler.

Butler explained that a student should use his booklet to choose the appropriate courses and to formulate a trial schedule, which may or may not be final.

He must then obtain preregistration cards from his advisor and have the advisor sign the cards after they have been filled out.

Social Security Numbers

"Because we are using old cards, they have a section for student alpha numbers, but because these numbers have been replaced the student must use his Social Security number instead," explained Butler.

"The biggest problems we have are students not putting down their correct Social Security number and not placing suffixes on course listings."

"After the cards have been filled out and signed they must be turned in, in person, to the

Registration Office, Room 4, Peele Hall."

New this semester is the registration permit. It will be given to each student when he turns the preregistration cards in at Peele Hall.

The permit must be saved and presented when the student registers in January. This permit is proof that the student has completed preregistration.

Pre-emptive Work-Time Scheduling will again be available next semester. By this procedure a student can block out specific hours during the week

for a part-time job.

To qualify, a student must obtain a letterhead memorandum from his employer stating what hours he will be working. The form on the back of the Schedule of Courses Booklet should be filled out and the two items should be submitted to the Registration Office, Room 4, Peele Hall.

\$10 Late Charge

"We want to remind students that they will be charged a \$10 late fee if they fail to preregister during the two-week period, but preemptive

work-time applications will be accepted until December 4," stated Butler.

Butler also announced changes in the Registration Procedures, some to take effect this spring and some later in the future.

"Starting this spring we will separate registration by classes.

Freshmen and sophomores will register Monday, January 4 and juniors and seniors will register Tuesday, January 5. This is an attempt to balance out registration so it will be faster," he said.

In Kent State Investigation

FBI Contradicts Ohio Jury

NEW YORK (UPI) — An FBI investigation into the killings of four students May 4 at Kent State University in Ohio contradicts a grand jury report that said National Guardsmen fired their weapons in a belief they were in danger, the New York Times said today.

A 35-page summary by the Justice Department of the FBI investigation said most of the guardsmen who fired did not say they had done so because they believed their lives were in danger, the Times reported.

"Rather, they generally

simply state that they fired after they heard others fire or because, after the shooting began, they assumed an order to fire in the air had been given," the Times quoted the summary.

An Ohio State grand jury found on October 16 that the guardsmen were not subject to criminal prosecution because they fired under the belief that otherwise they would be injured. The jury, however, did indict 25 persons—students, former students and faculty members.

The Times story closely paralleled a report by Senator Stephen Young, D-Ohio, who has inserted sections of the Justice Department summary in the congressional record. Young told UPI a week ago today that the guardsmen said during the initial investigation that they did not feel they were in danger during the confrontation.

The Justice Department report said there is "some reason to believe that the claim by the National Guard that their lives were endangered by the students was fabricated subsequent to the event," according to the Times. Six guardsmen said "pointedly that the lives of the members of the guard were not in danger and that it was not a shooting situation."

The FBI study, like the President's Commission on Campus Unrest, determined there was no evidence of the presence of a sniper, the Times reported, and that the troops still had some tear gas supplies.

The FBI also found that rock-throwing was not as great just before the weapons were fired as it had been earlier. Only one guardsman was injured enough to require treatment and he was hit by a rock

some 10 to 15 minutes before the fatal shooting, the report said.

The summary said the guard force was not surrounded by students and that the troops could have continued toward the commons, an open area that is in the center of the campus.

The FBI inquiry found that two of the students who were killed were in the front of the taunting crowd. One, Jeffrey Miller, had made obscene gestures at the troops and the other, Allison Krause, had shouted obscenities, the Times said the summary reported.

Three other students who were shot had taunted the troops and two others probably were encouraging students to throw stones, the Justice Department believes. Six persons shot probably were mere spectators. Nine persons were wounded by gunfire besides the four killed.

The Justice Department made the report for background purposes for congressional, state and local authorities. A department spokesman told the Times he did not know whether it had been given to the Ohio grand jury.



TWO ADROIT spectators showed up at the rained-out Grebes-Nurds game on the track field Saturday.

ON THE INSIDE

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TODAY'S WEATHER

Mostly cloudy through Tuesday with chances of rain today and tonight. Highs today in the 60s, lows tonight in the 50s. Chance of precipitation is 40 per cent today and 30 per cent tonight.

the Technician

A paper that is entirely the product of the student body becomes at once the official organ through which the thoughts, the activity, and in fact the very life of the campus, is registered. It is the mouthpiece through which the students themselves talk. College life without its journal is blank.

the Technician, vol. 1, no. 1, February 1, 1970

EDITORIALS

OPINIONS

Galifianakis campaign Should defeat Hawke

Nick Galifianakis' bid for reelection to the House of Representatives is nearing its peak for tomorrow's election, while challenger Jack Hawke is experiencing the pitfalls of running out of steam a little too soon.

Hawke was running a campaign which he claimed was based on the issues, and he seemed to be getting a favorable reaction attacking Galifianakis' voting record. The young, aggressive Republican attacked Galifianakis first on the Vietnam issue, then he proceeded to level charges against the Greek incumbent concerning the bussing issue. But as of late, Hawke has charged Galifianakis with being a "big spender" in Congress, and he points to the U.S. Chamber of Commerce list as proof.

The Vietnam issue has become one of relatively little importance in tomorrow's election, as President Richard Nixon seems to be ending the war, even if it is a slow death. And as far as the bussing issue goes, North Carolina Senator Sam Ervin has come out in support of the position taken by Galifianakis on the "friend of the court" brief circulated in the House.

The brief was to be presented to the Supreme Court in opposition to the bussing plan. Hawke contends that Galifianakis' refusal to sign the brief is an endorsement of cross-county bussing to achieve racial equality in the public schools. Galifianakis called the brief a publicity stunt, a maneuver he would have no part of. He was given much support when Ervin agreed with him and stated that he would not have signed the brief either.

Hawke began to hit Galifianakis hard on the inflation issue, emphasizing the Durham native's votes to override presidential vetoes on spending bills. Galifianakis responded by noting that the bills he voted to pass over the President's vetoes were ones which would help the

Fourth District, namely an education bill and a public utility appropriation measure. And then Galifianakis released a telegram from Rep. George Mahon of Texas which stated Galifianakis voted for more cuts in appropriations than increases during 1969 and 1970.

Mahon, chairman of the House appropriations committee, said the following in his telegram: "The record shows that Congressman Nick Galifianakis has voted on 21 occasions during 1969 and 1970 for appropriation cuts amounting to \$14.7 billion. During the same period on seven occasions he voted for increases in appropriations bills totalling \$3.1 billion. Net cuts aggregate \$11.6 billion."

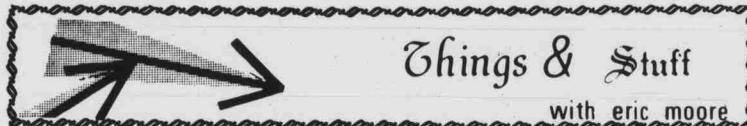
Hawke had said earlier that the Galifianakis bandwagon would be stopped until after Vice President Spiro Agnew addressed a Republican rally in Reynolds Coliseum the night of October 26. On the contrary, the Agnew appearance did very little in boosting Hawke's hopes. The speech seemed to be geared more to the national media, as they were placed on a platform in front of the stage, and the audience was placed farther away towards the rear of the arena.

And, Agnew did not give the big push for Hawke which was expected. In addition to flubbing the young Hawke's name, (Agnew called him "Jim" instead of "Jack"), Agnew failed to level any charges at Galifianakis. The all-important introduction of Agnew, which should have given Hawke some assurance, was made by Herb Howell, candidate for the Third District seat, instead of by Hawke.

Therefore, Howell was given the national endorsement of the Republican party as the man to swing a Democratic district to the Republican side, and thus they threw in the towel for Hawke. Hawke's campaign has come very close, as did Fred Steele's in 1968, but it should be defeated tomorrow.



We Won The Battle,
But Lost The War!



Today is National Black Solidarity Day. This is nothing new because everyday is National Black Solidarity Day. The primary difference is that Carlos Russell has called on the nation's black community "to stay home from work and boycott all white-owned establishments." The premise for calling this national day of solidarity is that the black community is a vital economic force in this country.

I seriously doubt if much national activity takes place today in the name of black solidarity. First of all, nothing will happen because a majority of black people in this country will not know about it. Most will not know because they did not get the word. The national news media will pay no attention to the call because Brother Russell is not a "recognized black leader on the national level."

Since black people in this country do not have their own electric media, they must rely on other means to get information to the communities. I got the information about the day through the black print media.

Perhaps when the day comes that black people can control their own means of communication on a national level then those stupid people who think that the black community is lazy and shiftless can be given the opportunity to change their minds.

The Last Poets make the statement "When the revolution comes some of our catch it on TV with chicken hanging from out mouths. You'll know it's revolution because there won't be no commercials." There seems to be an

increasing number of college students who do not want to catch the revolution on TV.

Simeon Booker, Washington Bureau Chief for Jet Magazine, reports that Angela Davis is now being referred to in government circles as the first Phi Beta Kappa ever to make the FBI's "Ten Most Wanted" list. The Justice Department is worried that other promising young "black brains" will become so disillusioned in months to come that revolutionary tactics may become a way of life for the growing number of black college students.

Most of the campus unrest in the country has been limited in black participation unless one of the issues dealt with improving campus conditions for black students (black studies, black faculty and staff, etc.). The concern expressed is that Miss Davis' arrest, despite the seriousness of the charges, may inspire other black collegians to side with her goals and intentions.

Sunday's Raleigh News & Observer also pointed out that bright, white college kids like Susan Saxe are moving away from tradition and toward revolution. Miss Saxe graduated magna cum laude from Brandeis University and now she is wanted by the FBI (yes, she made the "Ten Most Wanted") for robbing a bank and killing a policeman.

America has moved toward conservatism since the election of President Nixon and some college grads have moved toward revolutionary activities. Tomorrow's election results may forecast a larger transfer of bright minds to revolutionary ways.

Soul Food: Coed living dissuades sex

by Ken Ripley

Wouldn't it be nice if all possible dorms could be completely coeducational, if there weren't any closing hours for any women, if visitation were completely and unashamedly 24 hours, seven days a week?

Perhaps the place wouldn't seem so much like a prison anymore. Or whatever your description is.

Given the present University and state-wide thinking, such changes aren't realistically likely for a while yet. But why they aren't likely is becoming increasingly difficult to figure out.

Granted, there are mechanical problems to work out in making dorms openly coeducational. This raises the whole question of security. But does good security necessarily mean that women need to be locked up at night, whether in a coed dorm or regular women housing? And why shouldn't security be made stronger, if need be, campus-wide, instead of rigidly encircling women's dorms? As far as the mechanical problems of converting men's dorms to coeducational housing, the encouraging Lee coed conversion shows this can be done if the University wants to.

Why we need closing hours, or even specially designated "self-limiting hours" for women, is still a mystery. The University's timidity on visitation also is a puzzler.

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Politically, there isn't any puzzle. The University and the Trustees are only echoing and refusing to break with the still generally-held notions that women and men are not equal and that whenever the two come together, the inevitable results.

And that, in the light of a number of studies conducted over the years about sex in colleges, is the puzzler. These studies have shown that the supposedly rampant "sexual revolution" against which our fragile young things should be protected is largely mythological.

First, says a leading social scientist, Dr. Charles Winick, studies show that the incidence of college non-marital sex has not increased proportionately at all since the 1940's research of Kinsey and his collaborators. No matter how much they express laissez-faire attitudes about sexual behavior, three out of four college women apparently do retain their virginity. And half of the men still muddle through.

In fact, not only have men's "tomcat instincts" remained unchanged, Winick points out that the only real change is a moral improvement: today's males are "less likely to seek out prostitutes or casual contacts."

Secondly, notes Winick (writing in a doctor's magazine, *Medical Opinion and Review*), the idea that improved contraceptive techniques have weakened

traditional restraints on sex by unmarried women has also been shattered.

Students at Stanford and at Radcliffe didn't need any studies. Except for those who naturally prefer the privacy of separation, coed residences at these colleges were enthusiastically received and ultimately successful. Sex prejudices and hang-ups broke down as students discovered that their opposites were people—individuals with more complex feelings, motives, and capabilities than just jumping into bed.

Available studies suggest, he writes, that new birth control methods "do not necessarily lead to an increase in women's sexual activity, but do make such activity less anxiety-provoking." That's one up for birth control, not three down for college students.

Finally, note this. The most telling face in favor of coed dorms, visitation, and the such was the findings in connection with the effects of coed dorms on sexual behavior.

"Conventional wisdom suggests that dormitories shared by male and female residents are likely to be sites for much sexual activity," Winick writes.

"Instead, living together on a daily basis seems to lead to considerable de-sexualization of male-female relationships, which become more brotherly-sisterly."

LETTERTORIALS

Beenen correction

To the Editor:

Concerning Miss Beenen's letter of Oct. 28.

It is unfortunate that Miss Beenen's letter was printed. In the first place, it was requested that the letter not be printed. In the second place, the letter was not printed in its entirety. It is only fair that the portion of the letter not printed be printed now:

"The above paragraph does not convey my personal feelings towards blacks. It does convey the feelings of many of the whites on campus. I feel that this can be combated if, for example, Eric Moore's column could relate not just the problems blacks are having, but the things they are doing to overcome these problems. If two races must exist side by side they must understand each other and I feel that a column such as I mentioned above would benefit [sic] many students on this campus."

Name Withheld By Request

Editor's note: To the best of our knowledge, Miss Beenen's original letter was not cut in any fashion. Concerning her request that the letter not be printed, the Technician regrets its error.

Sterling mistaken

To the Editor:

Once again Cathy Sterling has shown her ill-bred nature, her tendency to exaggerate and extort the truth, and her maliciousness in attacking the Republican Party and the man that speaks in its behalf. Miss Sterling, in Wednesday's edition of the Technician allowed herself to stoop low enough to refer to the Vice President of the United States and the party that he represents as the "Spiro T. Agnew Traveling Road Show and Republican Revival Hour." To characterize the man that holds the second highest office in this land and the political party that he represents as such, shows a side of Miss Sterling heretofore unseen by many people. Miss Sterling has taken off her cloak of self-righteousness and exposed herself for what she really is. Spiro Agnew would probably not grant her the status of "radiclib". She deserves much less.

Miss Sterling slanderously accused the Republican Party of seeking and encouraging student disruption at the scene of the Vice President's rally. Surely no one would be so uninformed to believe such malicious rhetoric. Had Miss Sterling bothered to read the daily papers, she would have seen a statement by the state GOP chairman expressing how cynical it would have been to encourage violence during Mr. Agnew's speech. Apparently Miss Sterling is grossly misinformed or she deliberately distorted the truth.

Miss Sterling attacked the Republican Party as being irresponsible and that its supporters would disappear back into the silent majority. Perhaps Miss Sterling has forgotten the party that assembled in Chicago in 1968, a party that represented the

epitome of responsibility. And as for the disappearance of Agnew's supporters, don't count on it Miss Sterling.

Tony Johnson
LAH, Sophomore

Agnew visit no dump

Dear Miss Sterling:

After reading your article in Wednesday's Technician which was no doubt the result of a bad attack of "verbal diarrhea," I decided that it was high time that someone reply to your unjustified attacks on the administration. I feel that I am speaking for the silent majority in opposing your position and attitude.

First of all, I strongly resent your assault on this country's administration and the Republican Party. Not because I am a GOP advocate or a Young Republican, necessarily, but because I respect

authority. I feel that you (nor I) could do no better under the circumstances which our administrators are serving.

Next, I do not view the Vice President's visit to our campus as a dumping here. Regard it as you may, but the only dumping our campus has suffered recently was last spring's Student Government election and that dumping has been placed in the office of the president of the Student Government. Again I feel that I speak for the majority, Miss Sterling.

Regarding the student body reaction to the situation, I do agree with your statement that it was handled well by the students, but let's face it, the entire situation was blown well out of proportion.

One last word, Miss Sterling. Vice President Agnew stated that the Nixon Administration would not condone campus radicals. Is it not true that "the bit dog yells loudest?"

Larry A. Bowman
Freshman, ME

NORTH CAROLINA STATE UNIVERSITY | AT RALEIGH

OFFICE OF THE CHANCELLOR
Box 5067 Zip 27607
TELEPHONE: 919, 755-2191

October 29, 1970

I wish to express to the student community and its leadership my deep appreciation for their poise on the occasion of Vice President Agnew's visit to Reynolds Coliseum.

The University measured up to our confident expectations.

John T. Caldwell
John T. Caldwell
Chancellor

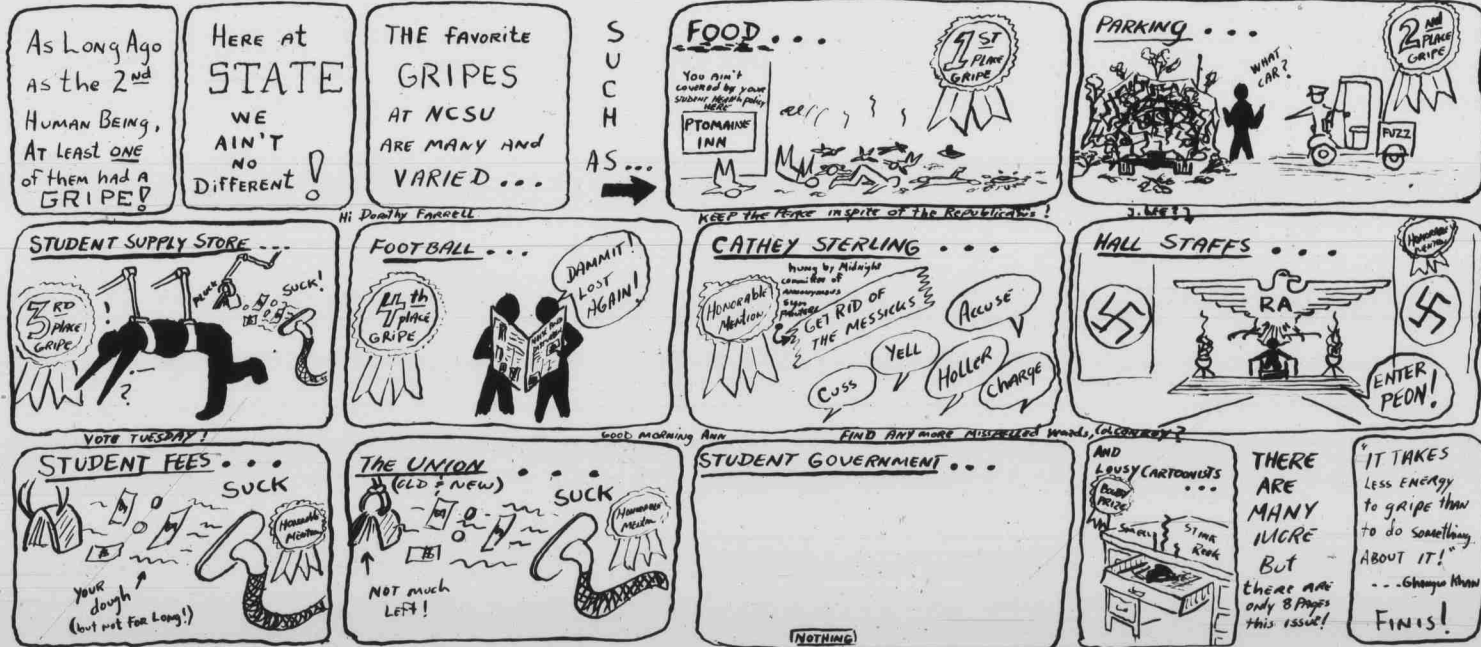
THE UNIVERSITY OF NORTH CAROLINA, William Friday, President, comprises: North Carolina State University at Raleigh, the University of North Carolina at Chapel Hill, the University of North Carolina at Greensboro, and the University of North Carolina at Charlotte.

CARTORTORIAL...

THE 10 MOST FAMOUS
STUDENT
GRIPES!

As SEEN by G.A. DEES 112 ALEX.

[THIS MESS WILL BE IN COLOR THIS FRIDAY!]



Backster Finds Emotional Response In Plants

by Frank Hall

Last Wednesday, Mr. Cleve Backster visited campus, lecturing for the Botany Seminar series. He has recently demonstrated the ability of plants to express emotions by attaching them to polygraph machines. F. L. Kunz, in May-June 1969 *Main Currents in Modern Thought* describes Mr. Backster's research:

Employing the same kind of polygraph which is used to test emotional stimulation in human subjects, Cleve Backster has found that plants register apprehension, fear, pleasure, and relief. As reported in an article by Thorn Bacon in *National Wildlife* for February-March, 1969, Mr. Backster has conducted a series of experiments which reveal that plants respond not only to overt threats to their well-being, but even more remarkably, to the feelings and intentions of the living creatures, animal as well as human, with whom they are closely associated.

Mr. Backster's experiments have shown that house plants, such as the *Draena Massangeana* or philodendron, register apprehension when a dog passes by, react violently when live shrimp are dumped into

boiling water, and receive signals from the dying cells in the drying blood of an accidentally cut finger. They appear to respond to distress signals issued in response to threats against any member of the living community. What is more, they in some way are able to receive signals over a considerable distance, for they have registered Mr. Backster's intent to return to his office when he was fifteen miles away. All of this evidence has convinced him of the "possible existence of some undefined perception in the plant." He calls this perception "primary," "in the sense that this perception applies to all cells that we have monitored, without regard to their assigned biological function. . . . We have found this same phenomenon in the amoeba, the paramoecium, and other single-cell organisms, in fact, in every kind of cell we have tested; fresh fruits and vegetables, mold cultures, yeasts, scrapings from the roof of the mouth of a human, blood samples, even spermatozoa."

Once we have brought ourselves to accept the authenticity of such evidence—based upon Mr. Backster's unimpeachable reputation as an interrogation expert, initiator of the Backster Zone Comparison polygraph procedure which is the technique standard at the U. S. Army Polygraph

School—its significance appears to be compound. First of all, it establishes the fact that plants are sentient, that they have what we can only (while avoiding undue anthropomorphism) refer to as "feelings." In other words, creatures without nerves, which are dependent upon the asexuals they manufacture to effect what movement is possible to them—such as growth, phototropism and wilting—have definite and sympathetic responses to what happens to living things within their own vicinity, or with which they have had contact. Second, to doubly discount the possibility that these are "sense" impressions (although plants are without sense organs), they respond to feelings which reach them over a distance.

Action at a distance, long ascribed to gravitational forces originating in planets, is now known to be a feature of a non-material field in which the gravitational strength is localized by the planet. If the new fact about sentience in plants is to make any sense at all, it seems we must assume the existence of another universal field, unique to life, in which sentience is a feature. Backster reports that he has "tried unsuccessfully to block whatever signal is being received by using a Faraday screen, screen cage, and even lead-lined containers. Still the communication continues. It seems that the signal may not even fall within our electrodynamic spectrum." One of the conclusions he has reached is that "staggering as it may be to contemplate, a life signal may connect all creation."

Dr. Bose's Research

Earlier research on plant emotion was conducted by Sir J. C. Bose (M.A., D.Sc., LL.D., F.R.S., C.S.I., C.I.E., founder of the Bose Institute, Calcutta) whose book, *Plant Autographs and Their Revelations*, was published in 1927 by McMillan Company. The author was knighted for achievements in physics, but almost erased from history for statements such as the following in the previously mentioned book: "In pursuing investigations on the border region of physics and physiology, I was amazed to find boundary lines vanishing and points of contact emerge between the realms of the Living and Non-Living. Metals are found to respond to stimuli; they are subject to fatigue, stimulated by certain drugs and 'killed' by poisons. . . . The self-made records thus made show that there is no life reaction in even the highest animal which has not been foreshadowed in the life of the plant."

Dr. Bose attached various galvanometers to different life forms, using sensitive plates to record responses. Remarkable parallels in response were noted in metals, plants, and humans. *Britannica* recently described Dr. Bose's research as "so much in advance of his time that the precise evaluation was controversial," adding that the "demonstrated a parallelism between the response of plant and animal tissues."

Demonstration in Gardner

In a demonstration in Gardner Hall Wednesday Afternoon, Mr. Backster attached the electrodes of a polygraph machine to a leaf of a philodendron. The owner of the plant, a student in Botany, stood in the same room with the plant. When an observer unexpectedly ripped a piece of hair off the owner's arm, the needle of the polygraph instantaneously raced off the top of the graph. After an observer pulled out a knife on the plant's owner, the needle abruptly changed to a roughly straight line, paralleling shock in humans. That is, the plant fainted.

Criticizes Scientists

At the beginning of his lecture, attended by an appreciative crowd of around two hundred, Mr. Backster quoted Max Planck, the disting-

uished physicist: "A new scientific truth does not triumph by convincing its opponents and making them see the light, but rather because its opponents eventually die, and a new generation grows up that is familiar with it." Next he quoted Mark Twain: "There is something fascinating about science; one gets such wholesale returns with conjecture out of such trifling investment of facts."

Mr. Backster suggested that the "mental outlook" of a researcher is highly significant in establishing new truths. He asked for an "efficient pursuit" in an academic climate such as ours for some real answers about emotions in plants, adding that "none of you be down on what you're not up on." "Metaphysical implications may invite wholesale slaughter from the scientific community," Mr. Backster mentioned.

In the midst of describing his experimentation, the lecturer left some words of warning to avid researchers: "You don't go out in New York in Times Square and yell, 'My plant has read my mind.' They've got drunks and prostitutes and everything else, but if you go out and yell that, they'll scoot you up in a hurry."

Mr. Backster remarked that out of the thousands of scientists who read his detailed report, not one suggested better controls and equipment. Presently, Mr. Backster is experimenting with Pavlovian conditioning of plants, and he told us that the possibility of "plant memory" is "encouraging."

It may be mentioned that chemist Marcel Vogel, a researcher with I.B.M.'s Advanced Systems Development Division, has apparently repeated Mr. Backster's experiments with successful results. Vogel is preparing a paper for a technical journal, concerning his findings.

Profound Significance

All this could very well mean that there is truly a "oneness" pervading all life; that it is man's imminent responsibility to respect, to have reverence for all life. The profound significance on an ethical level is staggering; brotherhood begins to be accepted as a fact throughout nature. Man's base emotions upset the equilibriums of life processes on all levels. In a scientific sense, the significance remains hidden in potential research. Perhaps the most important aspect of primary perception in plants is that it hints upon the true oneness of all fields.



An Offering

I am a slender ray of pulsing energy, so fine so straight and pure of form, extending if I wish to the outer bounds of eternity, that my screams and ragings of ecstasy echo and reverberate throughout and within that ultimate expanse, the almost noiseless void of infinity. Here I may remain for countless ages awaiting the time when I will again care to see, feel, and hear. Undimensioned freedom is mine—to interrupt the course of an evolution if I so desire, to amuse myself with the slow workings of the cosmos, or to exist in my present form or any other I may choose. This ageless vibrant body of rarefied destiny is the intelligence, the conscience, the corruptness and the innocence, the source and essence of all aging things present in this time and all others. Here I am the power, and here the glory. This is the embodiment of all perfections and forces. Nothing can escape my grasp or my vision. I am the hottest hot, the coldest cold, the saddest sad—the endless extreme. I am the whole made of all knowledge, all wisdom, all life and death. There exists nothing else named the simple unit of all things complex. There is this one—this only—and I am it.

but there is only one.

R. C. Larson, Fr.
P. S. A. M.

Catatonic

The city is dreaming of the one street
Of a small town, houses with grass laps.
Deeper, an Indian village turns like Troy,
Arrows floating to the surface.
Farther than wells go, animals are
Whole in the skins of their deaths.
The earliest sea still lurches,
Bringing forth roots and teeth.

The city dreams as far as it can.
We wake eye to eye, openings, exits.
We rise to emergencies like lovers,
The blood caught hard in the body,
Breath in the throat.
And we go down again like water.

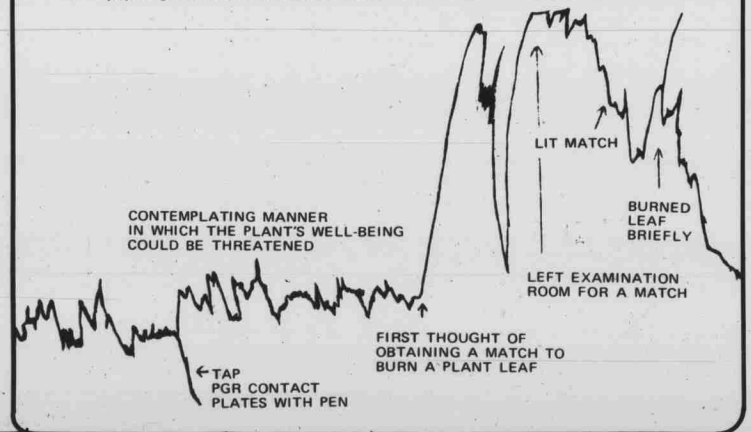
—Betty Adcock



Polygraph Expert Cleve Backster

RECENT EVIDENCE THAT PLANTS EXPERIENCE HUMAN-LIKE EMOTIONS

psychogalvanic reflex reaction pattern of a *Draena Massangeana* plant



Key North Carolina Races To Be Decided School Desegregation, Economy Main Issues

(continued from Page 1)

Hawke to Washington with him as administrative assistant.

When Gardner decided to run for governor, Hawke managed Fred Steele's unsuccessful bid against Galifianakis.

Ruth, who switched from the Democratic Party to the GOP with a cry that "the Democratic Party left me," was a virtual political unknown when he won two years ago in the 8th District. His name is now more widely known, and he has based much of his campaign on reminding voters of his services to the people of his district.

Blue, 60, is a seasoned former legislator and narrowly lost a bid for lieutenant governor seven years ago. He has campaigned as a "true friend of the little man," and battered away at the current administration on economic grounds.

All the Republican contenders were hopeful of gains as a result of visits by President Nixon and Vice President Spiro Agnew to North Carolina on their behalf within the past two weeks.

Agnew Endorsement

Agnew endorsed all the GOP contenders, but had no words of criticism for their Democratic opponents as such. He said it was a strain "on my ethnics" to have to oppose Galifianakis, who shares a Greek heritage.

Representative Walter B. Jones, D-NC, is favored over two rivals. He is opposed by Republican R. Frank Everett, who had a heart attack during the campaign, and American Party candidate Clarence Gene Leggett of New Bern, a private investigator and

pottery company owner.

Representative David N. Henderson, D-NC, campaigning mostly on his services to people in small towns in his district, is opposed by Republican Herbert Howell, an oil company executive who got involved in politics as a supporter of Barry Goldwater in 1964.

Representative Wilmer D. "Vinegar Bend" Mizell, R-NC, a former professional baseball player who won office two years ago, is strongly favored to withstand a challenge by Democrat James G. White, a Winston-Salem lawyer.

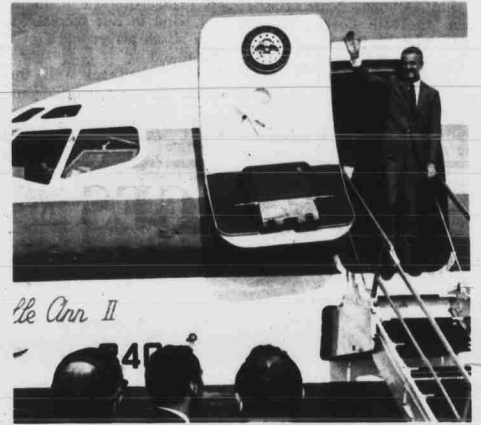
Representative L. Richardson Preyer, D-NC, a former judge, has opposition from Clifton P. Barham Jr. of Reidsville and Lynwood Bullock of Greensboro, an American Party candidate who owns part interest in a camper shop.

Representative Alton A. Lennon, D-NC, is favored to retain the seat he's held since 1965 over Republican Frederick R. Weber, a retired Army officer, in a district where registered Democrats hold a 10-1 edge over Republicans.

Veteran Representative Charles R. Jonas, R-NC, is opposed in the 9th District by Democrat Cy N. Bahakel, owner of a broadcasting group.

Republican Representative James T. Broyhill is opposed in the 10th District by Democrat Basil L. Whitener of Gastonia, a lawyer.

In the 11th District, Representative Roy A. Taylor, D-NC, is challenged by Luther C. Atkinson, an Asheville city councilman.



VICE PRESIDENT SPIRO AGNEW arrived last week to help state Republicans.

In Congressional Elections

Republican Majority Chance Slim

WASHINGTON (UPI)—The 1970 election campaign is ending with the outcome of President Nixon's drive to win control of the Senate in doubt. The Democratic majority in the House appears safe at about its present level.

UPI Survey

A 50-state survey of the election outlook by UPI bureaus indicates that to organize the Senate in January, the GOP needs a sweep of senatorial contests now rated as too close to call.

Elsewhere, Democrats are favored to win at least two governorships now held by Republicans and probable to register a net gain of three to five governorships.

These assessments were made on the weekend before Tuesday's balloting to elect all 435 House members, 35 of the 100 senators and 35 of the 50 state governors.

Voter apathy has been conspicuous during the campaign. If Nixon's barnstorming dispels the apathy, Democratic leaders believe that their candidates will benefit as well as Republicans.

The President visited 22 states in October, 10 of them last week. There are crucial

contests for Senate seats, governorships or both in all but one.

President Nixon has given top priority to winning control of the Senate, in the face of traditional losses by the party of the President in mid-term elections.

Charges Traded

While state and local issues often dominate in election years when the presidency is not at stake, the Republicans have charged Democrats this year with being "soft on violence." Democrats have responded by hitting hard at pocketbook issues, blaming the Nixon Administration for rising grocery prices, increasing unemployment and high interest rates.

On Tuesday, the GOP can win control of the House with a net gain of 29 seats, a goal that appears beyond reach.

Democrats are defending 25 Senate seats and Republicans only 10. The GOP needs a net gain of seven seats, a pickup which is considered possible but difficult.

In the state houses, the Republicans now control 24 and the Democrats 11 of the governorships to be filled.

The UPI survey listed as

tossups key Senate races in California, Connecticut, Indiana, North Dakota, Ohio, Tennessee, Texas and Utah.

Democrat Adlai E. Stevenson III was favored to defeat Senator Ralph T. Smith, R-Ill., while Senator Winston L. Prouty, R-Vt., was rated a slight favorite over his Democratic challenger, former Governor Philip H. Hoff.

Democratic Victories

Easy Democratic victories were forecast in the Senate for Hubert H. Humphrey in Minnesota, Edward M. Kennedy of Massachusetts and Edmund S. Muskie of Maine. But in New York, poll takers gave the nod to the Conservative party candidate, James L. Buckley, who has pledged to vote for GOP control of the Senate, over the Republican incumbent and the Democratic challenger.

The survey gave Democrats the edge in other Senate races which have been special GOP targets. These include Florida, Maryland, Missouri, Nevada, New Jersey, New Mexico and Wyoming.

Little change was expected in the present House lineup of 243 Democrats and 187 Re-

publicans. After expected seat swapping, the Democrats could end up with a possible net gain of one seat.

Democrats, eager to cut into the lopsided GOP control of governorships, were favored to

dump Republicans in Florida, Ohio, Minnesota and possibly Pennsylvania.

The Democrats have a chance in Alaska, Arkansas, Idaho, Nevada, New Mexico, South Dakota, Vermont and

Wisconsin, and Republicans are possible victors in Connecticut, Maine, Rhode Island and Tennessee.

But the GOP was favored to retain their grip on New York and California.

Constitutional Amendment Draws Bipartisan Support

RALEIGH (UPI)—Two political enemies sat side by side today for an endorsement of the state government reorganization amendment on the November 3 ballot.

State Democratic chairman Gene Simmons and Republican chairman Jim Holshouser held the unusual joint news conference in an effort to counter controversy which has erupted in recent weeks over the proposal.

"We simply can't afford not to pass this amendment," said the Republican chairman.

"It's nice to be sitting here with you and agreeing," said Simmons.

Simmons said the reorganization amendment, in the first year after its implementation,

could save the taxpayers of North Carolina \$50 million.

The amendment would require the legislature to trim the number of state agencies, now over 200, into no more than 25 departments.

The two party chairmen refused to answer questions about any of the other six amendments.

Controversy was sparked recently when State Attorney General Robert Morgan ruled the amendment would apply to state institutions of higher learning.

Several legislators, fearing that this would mean a single board of control over the colleges and universities, announced that they would vote against the proposal.

Governor Bob Scott pointed out, however, that it would be up to the legislature to push through bills to bring the reorganization about, and said he would not recommend any legislation to consolidate control over the colleges and universities.

Both party chairmen said they were confident the problem, if any exists, could be worked out by the general assembly.

Simmons said, "a lot of people don't want change, and we don't want change for the sake of change."

"But the people are entitled to economy in government and efficiency in government."

Exam Schedule Indicates Studying Ahead

FINAL EXAMINATION SCHEDULE, FALL SEMESTER 1970 *Reading Day - December 12, 1970

Classes Having First Weekly Recitation On

Monday - 9 o'clock
Tuesday - 1 o'clock
Monday - 4 o'clock

BS-100 Common Exam

Monday - 8 o'clock
Monday - 1 o'clock
Tuesday - 2 o'clock (Including 1:45-3:00 classes)**

Monday - 10 o'clock
Tuesday - 9 o'clock (Including 9:10-10:25 classes)**
Tuesday - 12 o'clock

PY-205 and PY-208 Common Exam

Tuesday - 11 o'clock (Including 11:10-12:25 classes)**
Tuesday - 8 o'clock (Including 7:45-9:00 classes)**
Monday - 12 o'clock

Monday - 11 o'clock
Monday - 3 o'clock
Tuesday - 3 o'clock (Including 3:10-4:25 classes)**

Monday - 2 o'clock
Tuesday - 10 o'clock
Tuesday - 4 o'clock (Including CH-101 Common Exam)

Will Take Examinations On

8-11 Monday, December 14
12-3 Monday, December 14
3-6 Monday, December 14
7-10 Monday, December 14

8-11 Tuesday, December 15
12-3 Tuesday, December 15
3-6 Tuesday, December 15

8-11 Wednesday, December 16
12-3 Wednesday, December 16
3-6 Wednesday, December 16
7-10 Wednesday, December 16

8-11 Thursday, December 17
12-3 Thursday, December 17
3-6 Thursday, December 17

8-11 Friday, December 18
12-3 Friday, December 18
3-6 Friday, December 18

8-11 Saturday, December 19
12-3 Saturday, December 19
3-6 Saturday, December 19

Arranged Exam***
Arranged Exam***
Arranged Exam***

8-11 Monday, December 21
12-3 Monday, December 21
3-6 Monday, December 21

EXAMINATION REGULATIONS

1. No examinations will be held before December 14.
2. Examinations will be held ONLY between the hours indicated. Exceptions must be approved by the Dean of the School concerned.
3. Courses having both recitation and laboratory hours should use the class hours for determining when the examination will be given.
4. In the schedule, the term "Monday" applies to classes having their first meeting of the week on Monday, Wednesday, or Friday; the term "Tuesday" applies to classes having their first meeting on Tuesday, Thursday, or Saturday (i.e., a class holding its first meeting of the week on Wednesday at 10 o'clock will take the examination as a Monday 10 o'clock class provided no student in the group has a regular class on Monday at that hour. If so, the examination will be an "arranged" examination.
5. Final examinations must be given in all courses. Any exceptions must be approved by the Dean of the School concerned.
6. All students, including seniors, will take final examinations in all courses.

Donnan's Wolflets Cruise To 4-1 Season; Teamwork And Attitude Cited As Secrets

Jim Donnan, State's freshman football coach, didn't pause when the question came: What was the secret of his Wolflet's 4-1 record this season?

"We had some outstanding individual performances, but the genuine teamwork and the

excellent attitude had the biggest hand in our success," he said. "Each player had a job to do and did it."

Raleigh halfback Willie Burden, who rushed for 524 yards (an average of 105 per game) and a 4.8 average, is a good example of what Donnan

means. "It would have been easy for him to concentrate on offense, but he played an outstanding defense for us, too," said the coach.

Burden, Plymouth fullback Donald Hall (172 yards, 5.4 average) and Belvidere, N.J. wingback Mike Stultz (147 yards, 3.6 average) had running room, largely because of an offensive line that played well.

"Tight end Harvey Willis of Danville, Va., did a good job of blocking, and our guards—Gary Kilzer of Chattanooga, Tenn.,

and Alan Williams of Eagle Springs—were just outstanding." He also praised tackles Rich Druschel of Greensburg, Pa., and Allen Sitterle of Pittsburgh, Pa.

"Offensive linemen have a difficult job," Donnan said. "No one thinks much about them unless a play fails, but ours outplayed most opponents. Center Scott Wilson of Lexington played well, too."

A flexible offense—one balanced between the run and the pass—was a benefit to the Wolf-

lets, who also utilized an outstanding kicking game. Bill Sliger of Derwood, Md., averaged 38 yards punting and Stultz and Burden averaged 19.5 and 24.7 yards returning kickoffs.

"Stultz also was our leading receiver with nine for 187 yards and our main punt return specialist with a 22.4 average," Donnan said.

"Quarterback Bruce Shaw of Richmond, Va., showed a lot of poise and good judgment. He used the ground attack well and passed well,

hitting 31 of 70 for 415 yards and three TDs," Donnan said.

He also praised the defense, including Brevard tackle Howard Bradburn, linebackers Gary Greensburg of Carteret, N.J., and Ken Sheesley of Atlanta, and ends Whit Whitaker of Dunwoody, Ga., and John Calloway of Elkin, who played well until injured. Guard Bob Blanchard of Highland Park, N.J., and tackle Bob Brooks of Augusta, Ga., also had good seasons, according to Donnan.

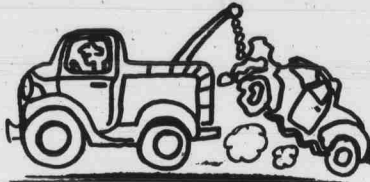
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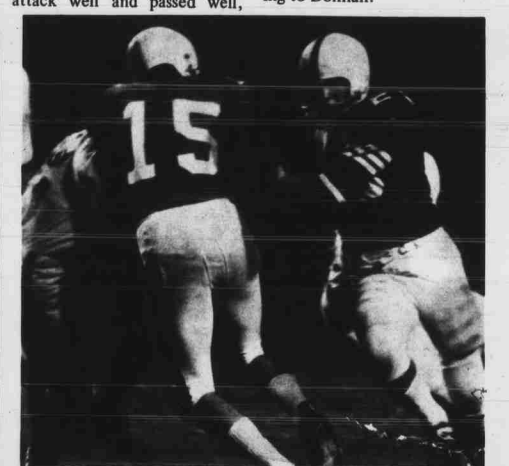


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WOLFLET'S QUARTERBACK Bruce Shaw (15) and star runner Willie Burden (25) worked together as they led the frosh to a 4-1 season.

Lacrosse Meeting Set

A second lacrosse organizational meeting will be held in Reynolds Coliseum Tuesday night at 7:30 to determine student interest in starting a varsity team.

Those who attended the first meeting, and all men interested in participating, are urged to attend. The door on the parking-lot side of the Coliseum will be open for the participants.

Previous athletic experience, while desirable, is not necessary, nor are height and weight a factor. Already, several experienced and knowledgeable faculty and staff have expressed interest in coaching.

State has never fielded a varsity lacrosse team, which plays in the spring, but will equip a team this year if interest is sufficient. Practice schedules will be discussed at the meeting.

BIG CELEBRATION

This month NORTH HILLS NEWS CENTER will pass the milestone of 1100 consecutive days of operation since opening in 1967. To thank our many customers and friends, we are offering SPECIAL BARGAINS now thru November 11.

Our sister store COLLEGE NEWS CENTER is also joining this special event.

Purchase two or more boxes of Christmas Cards from our large selection and we will **IMPRINT YOUR NAME FREE.** . . This fantastic offer is available at both stores and absolutely ends November 11. . . So hurry (offer Not Good For Assorted Box Arrangements).

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Campus Crier

The Publications Authority will meet today at 4 p.m. in 252 Union to discuss Senate Publications bill.

Anyone who witnessed an accident involving a 1966 blue Corvair and a Helms Motor Express Truck at the Corner of Pullen and Hillsborough on Wednesday, September 30, at 11:00 a.m. is requested to call 851-3369 or 755-2273 immediately.

Any students who have a legitimate complaint against the Student Supply Store please bring it in writing along with your name and address to the SG Office in the Union where a box will be provided.

The staff of WKNC-FM/WPAK will meet today at 7 p.m. in the studio.

Pi Mu Epsilon will meet tomorrow at 7 p.m. in 261 Harrelson.

NCSU Park and Recreation Association will meet tomorrow at 7:30 p.m. in 207 Harrelson.

The first meeting of a Science Fiction interest group will be held tomorrow at 7:30 in the Presbyterian Student Center.

The Agricultural Institute Club will meet tomorrow at 7:30 p.m. in the auditorium of Williams Hall.

The Life Sciences Club will meet today at 7 p.m. in 3533 Gardner.

ASAE Student Branch will meet tomorrow at 7 p.m. in room 123 DSW building.

The books are now open for registration for the Student Government elections. Interested persons should come by the Student Government office or contact the Elections Board Chairman, Richard Suggs, 235 Owen, 755-9110.

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MEN! Contraceptives by mail. Free catalogue. No obligation. Write: POPSERVE, Box 1205-PQ, Chapel Hill, N.C. 27514.

FOR SALE: Four Electrolux vacuum cleaners to be sold for

\$39.95 each. Unclaimed Freight, 1005 East Whitaker Mill RFOR SALE: 1970 stereo consoles (walnut), 4-speakers. \$69.95 each. Unclaimed Freight, 1005 East Whitaker Mill Rd.

FOR SALE: 1970 zigzag sewing machines, \$35.00 each. Unclaimed Freight, 1005 East Whitaker Mill Rd.

Cross Country

(continued from Page 7) runners, State and East Carolina are considered the main threats to Duke's third straight title. But Western Carolina's Ben Bailey and North Carolina Central University's Jim Howell both had good seasons.

Teams entered include: Duke, State, North Carolina, East Carolina, Western Carolina, North Carolina Central, Appalachian, Pembroke, Campbell, Warren Wilson, North Carolina A&T, Guilford, Davidson, High Point, Wake Forest, and St. Andrews.

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