



# The STING

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College

Southern College of Technology

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## Inside

Bookstore Continues  
To Sell Playboy



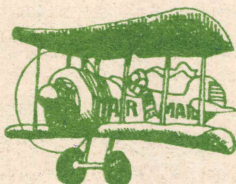
Page 3

What's That  
On The Library?



Page 3

Infra-Red Aircraft  
Detection



Page 2

Next  
Deadline  
Mar. 2

## Students Entertained at International Festival

By David Pate

On February 5, the Southern Tech Student Center Ballroom was the site of a cultural treat for everyone who attended. The occasion was the International Festival sponsored by the Southern Tech International Student Association. The ballroom was decorated with artifacts from three continents including wood carvings from Kenya and clothing from Ethiopia. Many of the International Student Association members were dressed in the traditional garb of their native country.

The festivities began at noon with an opportunity to taste exotic foods from many countries. Some of the foods were identifiable, like tacos and chicken wings. Other were less recognizable. These were labeled with such names as *gim bab*, *man doo*, and *bul go gi*. All of the dishes

were enjoyed by the guests whether they could identify them or not.

Dr. Stephen Cheshier, President of Southern Tech, introduced the luncheon with a short speech which included a welcome to the students of Marietta Junior High and Walker Middle School who made a field trip out of the festival. Entertainment for the luncheon began with the performance of three Chinese classical dances performed by Lisa Ching.

The luncheon ended in the early afternoon but the festivities resumed at 6:00 with the evening presentation. The evening program began with speeches from the President of the International Students Association and a dignitary.

Before the International Dinner began, the audience was enchanted by a Chinese dance performance by the nine year old daughter of Lisa Ching (who performed at the



**A PERFORMER PLAYS a sitar to the delight of all.**

luncheon). The dance required the young girl to wear a costume which gave the illusion of a grandfather giving a grand-daughter a ride on his back. The dance was

performed with grace and skill and was the topic of many conversations throughout the dinner.

(see Festival, pg. 2)

## Mediocre Job Outlook For ST Grads

By Ernest Tyson

The job opportunities for SCT graduates have been better. The baby boomers are graduating, the stock market crashed, and big corporations like Lockheed, Corp. are having huge layoffs. Atlanta is a major high tech center, attracting graduates from universities across the nation and professionals seeking to relocate here from the eastern seaboard. The international scene has also affected the job market. Electronics and apparel industries are shifting to overseas countries because of the cheap and plentiful labor force. Countries like Japan may soon monopolize automobile manufacturing. Even so, this year has been better than anticipated for

SCT graduates. Southern Bell and Millikin are each hiring an aprox. 500 people in the near future. The carpet industry is booming, construction growth is accelerating, and the utilities are fairing well.

Many jobs can be found outside Atlanta in small towns, but many times graduates are hesitant to relocate, especially to rural towns. As Mr. Paul Smith, Director of the SCT Placement Office, states, "The job market is there, but not where students want it." While most everyone wants to work near their home town, sometimes a sacrifice must be made for the first couple of years until that ideal location is found.

Graduates with full engineering degrees are having

their difficulties with job placement as well, since engineering as a whole is affected by the tighter job market. SCT graduates may have an edge over other schools since many companies are needing employees with application type degrees. As Mr. Smith said, "SCT students are in an environment they are familiar with when first placed on the job. They have met and exceeded expectations." Most employers want grads who can start on the job with little training- something Southern Tech is geared for.

The layoff of Lockheed employees may also hamper job finding since many people losing their jobs are technical associated. Most employees are of the aerospace discipline

though. Undoubtedly, the trend of hiring 50 or so graduates from SCT by Lockheed in the past several years will end.

Civil service jobs are usually plentiful but certain guidelines must be passed before getting a job here. In addition to the engineering technology degree, the EIT exam must usually be passed before employment with the government as an engineer.

The graduate must be better prepared today than in years past because the job market is increasingly selective and competitive. Mr. Smith stated, "Many students wait until their last quarter to find a job.

(see Outlook, pg. 2)

## Enemy Detection Techniques

By Shawn Tapley

The aerospace industry is currently concerned with the detection of aircraft via their infrared radiation (IR) signatures (the way objects look on IR film). Pictures can be made with IR film which display images based on its subject's temperature.

Professor Sally Sage, of Southern Tech's Applied Computer Science Department has been working with the Air Force Office of Scientific Research (AFOSR) during her summers off since 1985. She and co-op student Grady Lambert have developed a computer program which will generate models of aircraft from their IR signature. Although this technology is not new, Sage and Lambert were able to modify existing ideas and produce something that impressed the Air Force.

The IR modeling program might be used for training certain Air Force personnel to recognize the IR signature of various aircraft. More important, however, the program

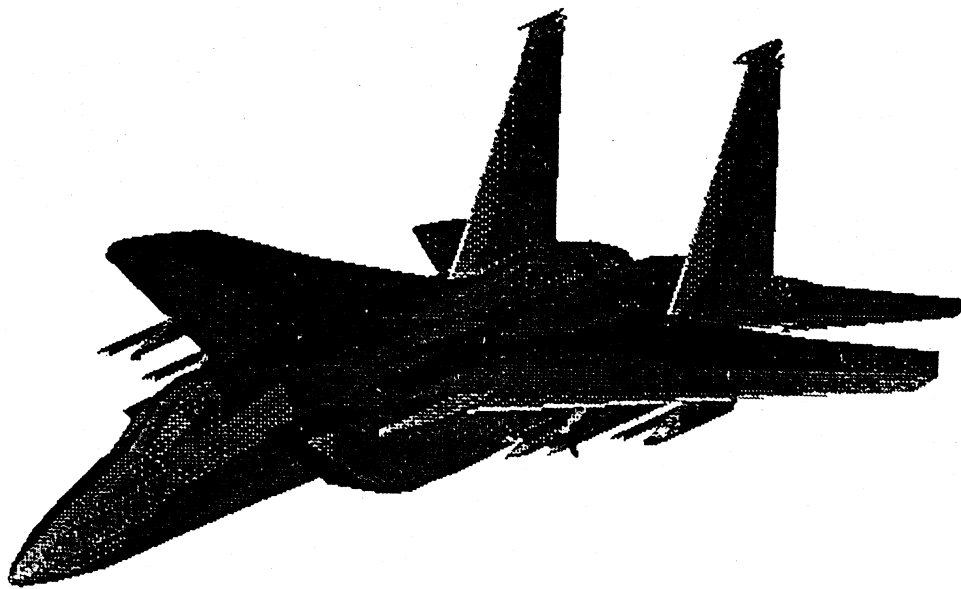
could possibly be used to enable the guidance system of air-to-air missiles to distinguish between friendly and enemy aircraft.

"The goal of the IR modeling system is to use a data file describing an air target to produce a computer-generated IR which corresponds closely to an actual IR photograph of that target," said Sage. The target is modeled by a set of three-dimensional triangular facets which cover the outer surface of the target's image.

The trail of the hot exhaust emitted by an aircraft, called its "plume", is very important in IR detection. The IR modeling program was eventually modified to generate an image of the plume of a designated aircraft as well.

"The target's plume is also based on a facet model, but the plume is generated interactively so the user can control the details of the plume's construction," said Sage.

Currently, the program can generate the dimensions of an aircraft and its plume, but



**A COMPUTER GENERATED AIRCRAFT image is the result of Sally Sage's work.**

Sage would like to improve the program to include an aircraft's speed, distance, and the weather conditions it's in.

This past summer, Sage made the program easier to understand (user friendly) for Air Force engineers. She has also been working with an Air Force IR specialist.

The research effort was conducted in 1985 and 1986 at

Eglin AFB Armament Laboratory, and in 1987 at Southern Tech. After receiving an Air Force grant, Sage enlisted the help of two ST students. John Morgan helped with systems support and hidden line graphics and Stephanie Linz aided with geometric modeling of target airplanes. The work was done on a VAX 11-750 mini com-

puter in the G.L. Crawford Laboratory Building.

"Security was very tight," said Sage. "At Eglin we worked inside a vault." Sage has been working primarily with older planes such as the F100. "As soon as I get a 100 percent realistic picture of modern aircraft, I'm out of a job," she added.

"There is still a lot of work to be done before the potential of this project is reached," said Sage. The portion of the project completed at Southern Tech was officially finished December 31, 1987.

## Prestige Tags (continued)

By Filip Smessaert

An article in the last issue of the STING said that the prestige tag program had been scrapped due to budgetary cuts. During a recent conversation with representative Fred Aiken, the subject was discussed on a closer basis. He conveyed to me that a new program is in the works to reinstate the prestige tag program in order to let people show pride in their school. The new tags would be a general prestige tag not mentioning any particular school or event.

The tag would however have a designated place for a seal. Each school would at that point develop their own school seal to represent their school for a particular event or date of importance to the school.

The program is still in the planning stages since the old program has just been scrapped on such short notice. No concrete forms or ideas for tags have yet been introduced nor has a date for introduction into legislation been announced. Southern Tech was planning to have their commemorative tag in time for its 40th anniversary. But now it looks as if it will be virtually impossible to obtain the tags by then with the recent turn of events.

## Contributions Meet Goals

By Filip Smessaert

Three years ago the Georgia Branch of the American General Contractors (AGC) contributed \$150,000 and challenged their members to donate another \$150,000 to support the inception of the Construction Administration Program at SCT. The goal was set for \$300,000, while the association has asked their membership to contribute another \$4,000 so the actual contribution will be \$300,000 plus interest. The \$25,000 check was presented to Dr. Cheshier by Douglas

Bodenhamer at the quarterly meeting of the Georgia Branch of the AGC, January 28.

Currently there are over 300 students in the program and increasing every year. The construction administration degree from SCT is valued highly and is one of a kind. The students who took the risk of beginning in a new field and major such as the above, will be rewarded well when they graduate. Southern Tech should be given much credit for initiating the new program and making it so successful after only a few years of existence.

## Outlook (from pg. 1)

Preparation should start a year in advance." Many students feel that they are burdened enough with classes without having to take time to look for a job. But planning for a job, including the resume writing, company research, and interview preparation must be stressed in its importance. You've got to learn to market yourself.

The placement office isn't very

effective unless it is used. Companies like to see more student involvement with the office. Out of 111 graduates last quarter, only about 44 officially used the placement office. 30 companies actively recruit on campus. April 11-14 is "Career Week," which is a time when many career oriented programs will be presented by the placement office. April 14 is "Career Day," 80 companies should be on hand accepting resumes and looking over the upcoming graduate class.

## Bomb Scares At SCT

By David Pate

Terrorism recently hit close to home. Two weeks ago, on Tuesday and Wednesday the second and third of February, bomb threats were called in prompting the evacuation of night students and others in the threatened areas. On each occasion, police, fire department and GBI officers were called in to handle the situation.

The first threat was called in to the Campus Security Office around 6:00 pm on Tuesday. The caller stated that there was

a bomb planted on the north end of campus and that it would go off within the hour. Campus Security called the proper authorities and soon after, the Student Center and the 200 building (Classroom Building) were quickly evacuated.

The second threat was called in to the Academic Building and the 4300 building was the target. The subsequent evacuation inconvenienced the students using the computers. Some of these students took the threat lightly and wanted to stay and complete their work.

## Festival (from pg. 1)

A steel drum band called Tropical Steel performed after the dinner. Tropical Steel performed again later in the evening and inspired a few couples to dance in front of the stage. After this, three members of the band performed while the fourth performed a limbo dance in which he went under a flaming bar which was set mere inches off the floor. The limbo dance presentation concluded with Tropical Steel giving the audience an opportunity to see how low they could go.

A powerful performance was given by the African Dance Ensemble. The ensemble performed five dances and a history and description of each dance was given.

All of the dances performed, be it African, Korean, Chinese or Indian, conveyed a message. Dance is a beautiful method of communication. The music, food, presentations, and the dances all aided in the successful communication of the purpose of the festival: to increase international awareness on the campus of Southern Tech.

## It's A What?

By Mike Swab

"Well, it's (the bell tower) one way to screw up a new library," stated one faculty member. This seems to be the general feeling of the faculty and students towards SCT's new bell tower. One student was heard to say, "It looks like crap. I feel the money could have been better spent."

Our bell tower is complete except for the bells. The operation date has been delayed due to damages to the bells. "One bell was broken when it arrived from Pennsylvania. This has caused the operation date of the tower to be postponed," said Sam Baker, Executive Assistant to the President. The school is awaiting to see if the cracked bell will have to be recast.

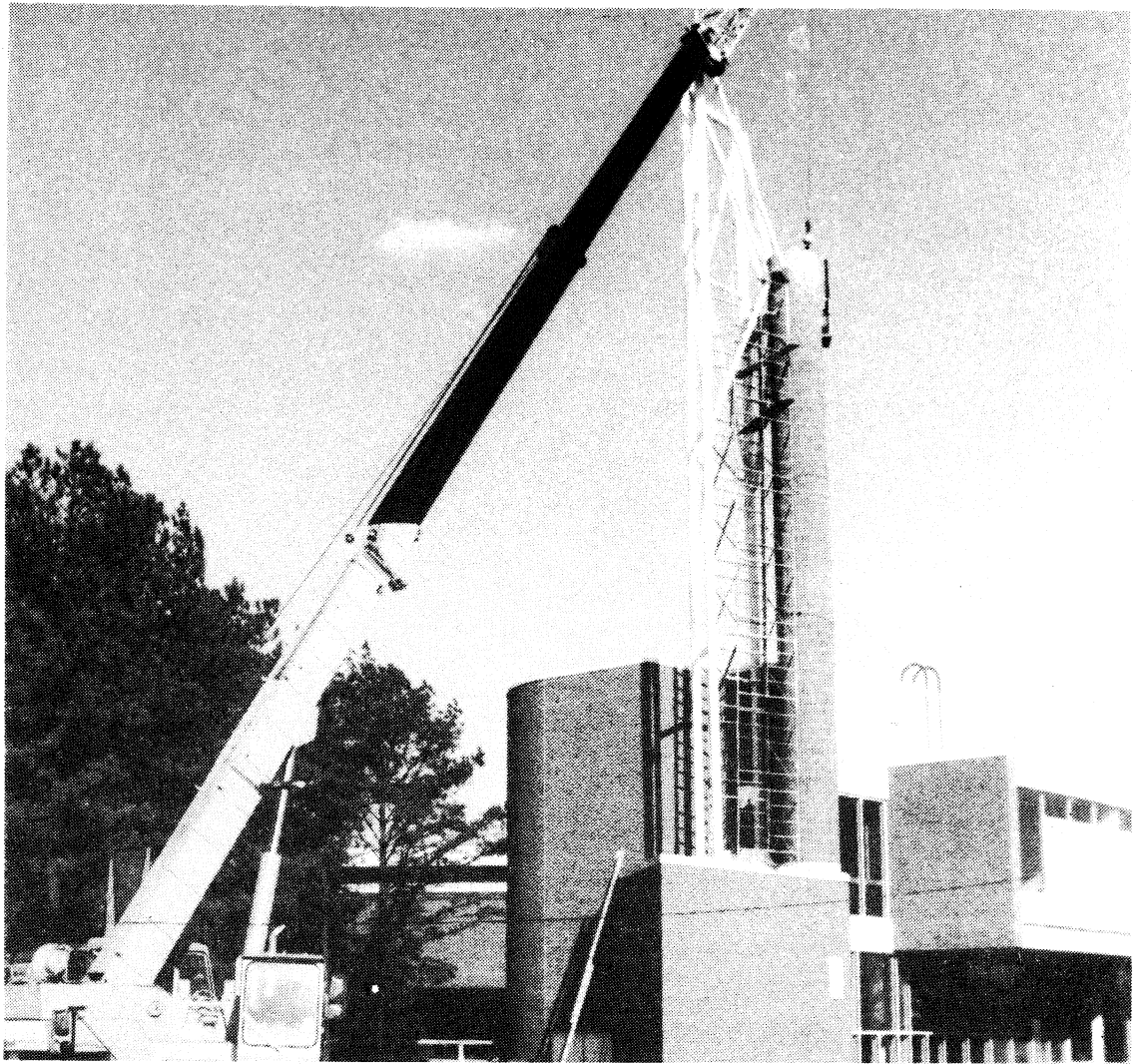
"The bells will toll on the hour with Westminster Chimes, which is the standard Big Ben tune," said Baker. The bells are operated by an electronic device which swings the clapper inside of the bell. "The bells can be reprogrammed to play other songs, such as patriotic songs," according to Mr. Baker.

"At first, I thought it was

the Oracle of Delphi," said one professor, "But then I remembered where I was." SCT has not purchased the Oracle of Delphi, but it has spent \$25,000 (for the bells alone) for a high tech bell system to give us that little touch of Harvard. Not only will the bells give us the Ivy League flavor, the bells toll on the hour every hour, but some much needed school traditions may be fathered by the presence of the bells.

When asked about the cost of the bells, one student replied, "He (Dr. Cheshier) spent twenty some thousand on his furniture, so it doesn't surprise me that he wasted \$25,000 on a stupid bell tower." Another student replied to the same question, "How many Macs could have been purchased instead? How many classes can be taught in the bell tower?" It seems that all of the students and faculty are not happy with the new bell tower.

One student had a semi-positive response when asked how he felt about the tower. His response was "so what." Time will tell if it was wise to purchase the tower and bells.



**STILL INCOMPLETE:** With the bells still absent, many students are saying, "What is that?"

-Photo by LOG.

## SCT Blood Drive

From Red Cross Releases

Winter is here, and we are asking Georgians to "have a heart" and give blood this season.

People are especially active during the busy holiday season, and blood collections typically drop. Because the need for blood continues every day through all seasons, this drop in collections could cause inventories at hospital blood banks to be significantly lowered. "Because people are especially busy attending parties, shopping, entertaining and traveling during the holidays, a lower priority is placed on giving blood," said Alfred Grindon, M.D., Director of American Red Cross Blood Services/Atlanta region.

Grindon explained how the lower number of people donating blood during this season results in lowered inventories at hospital blood banks. "When those inventories are significantly lowered, it causes the Red Cross to have to issue an emergency appeal to the public to donate blood," said Grin-

don. "If enough people would take a little time out of their busy schedules, it would help eliminate a serious shortage of blood around the winter holidays."

According to Grindon, from 4000 to 5000 people are needed each week to donate enough blood for people in over 100 hospitals in the 82-county Atlanta Region of American Red Cross Blood services. The Atlanta Region serves about two-thirds of Georgia's population and covers the cities of Albany, Atlanta, Columbus, Gainesville, Macon, Rome and dozens of nearby smaller communities.

Most healthy people between the ages of 17 and 71, who weigh at least 110 pounds, are able to give blood. The entire donation process, including registration and refreshments, takes less than an hour.

We have a serious blood shortage in Atlanta, and we do need your help! The next drive at Southern Tech is on February 19, 1988 in the Student Center from 10:00 am to 2:30 pm.

## Bookstore Will Continue to Sell Playboy

By Ric Hall

Recently, the Student Life Committee, a committee composed of five Student Government Association members and five members of the faculty recommended that the campus Bookstore remove copies of **Playboy** and **Penthouse** magazines from the magazine rack and keep them behind the cashier counter. The recommendations stemmed from a letter of complaint from a student to President Cheshier. Charles E. Smith, Dean of Student Affairs, spoke with Bookstore Manager Bob Rethmel, and turned the matter over to the Student Life Committee to make recommendations.

Student Center Director Barry Birkhead, a member of the Student Life Committee, reported that the committee met on November 5, 1987 to discuss possible solutions to the controversy. According to Mr. Birkhead, the committee, of which eight members were present, unanimously voted to recommend placing the magazines behind the cashier's counter. Says Birkhead, "We felt it reasonable for the magazines to be kept in a

display behind the counter that would not expose the covers ... I think the student who complained wanted the magazines removed completely."

Mr. Rethmel says the campus Bookstore will continue to sell the magazines and keep them in the magazine rack. Says Rethmel, "The last place in the world for censorship is the college bookstore. The Student Committee recommended that I put the magazines behind the counter - that to me is censorship." He adds, "Playboy and Penthouse have not been legally ruled pornography in the state of Georgia. If they were, we would probably not sell them here. Personally, I feel that **Guns and Ammo** is (a more harmful) publication, but I won't censor that either." As in the past, the display copies of Playboy and Penthouse will be kept on the back row of the magazine rack, with only the title visible from the view of a passer-by. Rethmel said her has had very few complaints in the past concerning the magazines.

The controversy surrounding pornography has surfaced in the news frequently in

the past few years. Last year, Attorney General Ed Meese published a lengthy report on pornography that largely failed to even define pornography or to describe its effect on society. Many store chains including 7-11 have removed so-called mens magazines, including Penthouse and Playboy from their stores in reaction to the report.

Meese has been widely criticized for unconstitutional techniques and ultra-conservative beliefs.

The controversy raises a number of questions at Southern Tech as well. Our sources report that the student who filed the grievance is married to a woman who works at Southern Tech. Why was action taken on the basis of one complaint? In response to this question, Barry Birkhead answered, "I believe that in many cases, a well-written letter to the right person will at least be considered and answered." The controversy also raises questions concerning the amount of power the Student Government Association has, as well as how representative the SGA is of the general student population.

# EDITORIALS

## What Are We Being Taught?

By Jim Connell

I have the privilege (and it is a privilege) to work in the Mac Computer Lab. The Macs are used to produce some very professional-looking documents and are a definite asset to the campus. But a recent trend has really got me upset.

Permit me to digress a bit. I think that the content of a report is important. Spelling, grammar, and all the other things we learned in English 101 and 102 are the mortar and bricks of a report. Good sentence and paragraph structure bind the report into a cohesive whole. A badly written report does not read well and is ineffective.

These reports are typically typed on the Macintosh Computers. The Macs produce fine text and graphics that make impressive looking reports. I remember doing reports on the old Laniers (or trying, anyway) or a manual typewriter. What a major hassle! Gallons of White Out, if you please. Besides making good-looking documents, the Mac makes it easier to produce the documents. Correcting typos and moving paragraphs are trivial on the Mac.

Here is what bothers me. On Sunday, February 7, a full 90 percent of the questions I answered were about format. This was not the disk format but rather the appearance of

the words on the page format. Several students came to me and said that the top, bottom, left and right margins had to be of given dimensions. These students were spending a ratio of about 10 to 1 on appearance to content. They were worried that their professor was going to drop a ruler on the page and see that the margins were not exactly a given dimension. Is this the Southern College of Technology or Southern College of Exact Layout? When we graduate will we be engineers or layout people? I think the appearance of a paper is very important, but I think stressing the appearance too much is detrimental. Students have only so many hours, and if all our time is spent on the appearance of the document, the content of the document will not be its best. I feel that guidelines are helpful to students unfamiliar with how a report is put together. But to put a ruler on the page and take off points because the top line of text is not exactly 1.5 inches from the page edge makes me wonder.

When working in the lab, I have had people ask me to proof their work. And I have seen documents so beautiful (in appearance) that Michelangelo would be green with envy. But the quality of the words would make Shakespeare green with nausea. Usually the opposite is not true (i.e. bad looking papers usually are bad), but

## A Lesson in American History

By Tim Glover

When I sat down for lunch on Friday, February 12 in our beloved cafeteria, I had the good fortune to catch a show, "I Hear America Singing", put on by students of Park Street Elementary School, which is located just a few blocks down the street.

For those of you who don't know, Park Street is a "Partner in Education" with Southern Tech. Professors from SCT talk to the elemen-

tary students about various technically related topics. Their goal is to open the Park Street student's eyes to technology; a main point is to show them an engineer can be more than a train driver!

The show was a 40 minute lesson in American history, covering events Day 1 through Vietnam. I heard more American history in 40 minutes than I learned in my entire school career. Sure, I know the title "Bill of

Rights," but have never learned what they are and what they say. These kids know more American history now than I ever learned. American history did not seem to be important to me when growing up; now I feel cheated. I have two children now, one almost five years old, the other three months old, and they will be exposed to American history. Do I sound like an overzealous patriot? Not really, but after watching the program, I feel that I missed out on a good section of my life. Bravo, Park Street!



I've seen average-looking papers that had very good content.

So what is my point? Let's keep the proportions straight. Content should count more than appearance with the ratio about 80 to 20. This ratio says that appearance is important, but content is more important. That is the way it should be.

## Inadequate Lab Facilities

By Tonya Flowers

Since January, there have been many complaints about the inadequate Physics and Chemistry labs being used this quarter. The old labs are being remodeled and an elevator is being added for handicapped students. While these labs are under construction, trailers have been set up temporarily behind the Apparel/Textile Building for lab classes.

Four labs, Physics 1, 2, and 3 and Chemistry are being held in two white trailers. These

buildings are too small to accommodate the large number of physics and chemistry students who are taking these classes.

There are only eight tables in each class and about three to four students at each table.

The "ideal" lab situation would be to have two students at each table so that both students can really work on and understand each part of the labs. It's also easier for professors to work with smaller lab classes. By drop day, most labs fall quarter did meet this "ideal" situation.

There have also been problems with the equipment. Twice, students were not able to complete their labs because the proper equipment was not set up or available. These situations were devastating since professors depend on labs to help explain certain concepts to students that cannot be demonstrated in class.

Students really are being deprived by not being able to complete these labs. I hope the Physics and Chemistry Departments will get these problems solved before next quarter.

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The STING, 1112 Clay Street, Marietta, Ga. 30060

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The STING has positions open for Reporters, Photographers, and other personnel. Some paid positions are available. If interested, call or come by our office.

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## The Interview Trial

By Tim Glover

For those of you who are looking forward to a job interview with the enthusiasm reserved for a calculus test or a room full of Mexican food, fear no more, and read on.

I have been on the interview trail for a month now, and it's not that bad! Yes, even I, the intrepid job seeker, had the jitters going into my first interview. The jitters left shortly as soon as I realized that interviewers are not ogres waiting to pounce on and devour you whole. They are people genuinely interested in finding out if you have the qualifications necessary to fill the positions they have open.

Interviews generally last 30 minutes or less, but the decision to either call you back for a later interview or send you on your way is usually made in the first few minutes. So, if you walk in with your teeth chattering and blurt out some spiel you have memorized in response to the first words of the interviewer, don't count on being called back.

Sounds tough, doesn't it?

Well, it's not easy. The job hunt and interview process requires an early start (preferably two quarters *before* you graduate) and a bit of background work. Background work includes updating your resume, preparing cover letters, finding companies possibly interested in you to send your cover letter and resume to, and doing background research on specific companies prior to an interview with them. I'm not kidding about the early start. Many companies plan their personnel needs that far in advance, and are glad to talk to people who are willing to get started early (shows your enthusiasm for the job). Looking on the practical side, if you know you're going to bomb the first few interviews anyway (due to nervousness), wouldn't you rather get them over with and still have one quarter left for a series of successful interviews? One can only do just so many interviews.

Need help? Well, it is available, but you have to ask for it. I have been using as much of the help offered as possible, which is the intent of

the Placement Center and the course called Career Planning (Engl 299). Paul Smith, Katie Burr, and Vivian Howard, of the Placement Center are happy to help you find your way through the job maze whenever they can. Career Planning is offered on a request, not on a regular basis; it is a one-hour free elective that brings in interviewers who tell you everything you wanted to know about interviews, but were afraid to ask. Eng 299 also helps you get your resume together and further develop your cover letter style. Being currently enrolled in Eng 299, I highly recommend it. Within one month, I have already had three interviews, and turned down one job offer.

I can't guarantee the same results for you, but in parting, I offer this advice. Work hard on your job search, and you will reap the benefits. Sound like a cliché? Maybe. But it's true! Most of the speakers in Eng 299 stress the fact that since they have so many qualified people to choose from, the one who has done the extra work before the interview is the one who has the "edge" and gets the job offer.

country have submitted "think pieces to stimulate discussions. The final segment of the program each evening will feature several candidates answering questions from audiences across the country.

Four additional components will highlight Election '88 and encourage the CAB to become involved in the presidential campaign:

1. A volunteer referral network has been set up for students interested in volunteering on one of the campaigns. Interested students simply call the CSN Dallas office at 800-346-4802 and give their name, address, and the campaign in which they are interested. Names will then be forwarded to the appropriate national campaign office.
2. Through the Campaign Literature Resource Network, Southern Tech students can learn more about each candidate. Literature for many candidates has been sent to the campus library to be left on file throughout the primary season.
3. Several faculty members have also received materials to utilize in class. Handout

materials include a voter registration chart and a chart of candidates positions on key issues.

4. Pepsi, one of the programs sponsors, has developed the America's Choice Sweepstakes. Prizes include a free trip to a Michael Jackson concert, Pepsi apparel and a year's supply of Pepsi. Details on the sweepstakes will be announced during the program.

Election '88 is sponsored by Toyota and Pepsi. Other organizations involved in the program include the Vote America Foundation, **The Dallas Morning News**, PBS affiliate KERA-TV, **Texas Monthly**, National Association for Campus Activities, the Democratic National Committee, the Republican National Committee, Southern Methodist University, and the University of Texas-Austin.

Election '88 can be seen on campus February 18 and 19 beginning at 8:30 pm in the Student Center and is being sponsored by Campus Activities Board. For more information, contact the Student Center at 424-7374.

## CAB Sponsors Award Show

Press Release

The Campus Activities Board (CAB) will sponsor "The History of Campus Entertainment" live via satellite from the national convention of the National Association for Campus Activities in Washington D.C. on February 20.

Hosted by former MTV veejay Martha Quinn, "The History of Campus Entertainment" will include award presentations to popular college entertainers and will culminate in a concert. The broadcast, sponsored nationally by Pepsi and Toyota will be seen on over 400 campuses nationwide.

Scheduled presenters include Marc Price of "Family Ties", and starts from "All My Children". Musical acts will include the Association, the Village People, The Producers and the Beat Farmers.

The program is being produced by College Satellite Network and the National Association for Campus Activities and is sponsored by Pepsi and Toyota.

"The history of Campus Entertainment" will be sponsored on campus by the CAB February 20 beginning at 9:00 pm in the Student Center. For more information, please contact the Student Center at 424-7374.

## Advisement Schedule

Advising Center

Academic Advisement for students *with 40 or over earned credit hours* will be held prior to and during advance registration week which begins on Monday February 22 and ends on Thursday, February 25. Advisement will be held in your major department or in your assigned advisor's office.

Advisement times and registration information can be obtained in your major department.

Academic Advisement for students *with 39 or less earned credit hours* will be held on Wednesday, February 24 and Thursday, February 25, in Burruss Exhibit Room. Students enrolled in DEVELOPMENTAL STUDIES classes will be advised in room 4100. Registration times for students with 39 hours or less will be posted Monday, February 22, 1988 outside the Advising Center. If you have 39 or less credit hours, you should plan to be advised before your registration time. The advisement schedule is as

follows:

**Wednesday, February 24, 1988:** 9:00 to 1:00 pm and 5:00 pm to 7:00 pm: *Developmental Studies* advisement will begin at 10:00 am.

**Thursday, February 25, 1988** 9:00 am to 7:00 pm: *Developmental Studies* advisement begins at 10:00 am.

**Advance Registration** for Spring Quarter will be held the week of February 22 - 25. Registration for students with 39 hours or less will begin after 12:00 noon on Wednesday, February 24. Registration will take place in the Computer Center.

If you are unsure of the number of credit hours you have earned, you can obtain this information from the Registrar's Office. Registration time is determined by the number of earned credit hours.

If you have any questions concerning *advisement*, stop by the Advising Center in Room 4100 of the Academic Building or call 424-7456.

## Library Piano For Use

By John W. Pattillo,  
Library Director

the Library's antique Victorian square grand piano has been restored to excellent playing condition and is house in the Library rotunda. The piano was built by the Weber Company of New York and London in 1869. It was purchased by the Faw Family of Marietta in 1869 or 1870, and

remained in the Faw home on Roswell Street until 1940 when it was acquired by the Griffin family who later gave it to Southern Tech.

This piano is an outstanding nineteenth century instrument in excellent playing condition. Students and faculty who are seriously interested in playing it may do so by reserving playing time with Mrs. Judith Jones, Library Secretary.

# CAB Sponsors Pres. Debates

Press Release

The Campus Activities Board (CAB) will sponsor Election '88 live via satellite February 18 and 19 in conjunction with Georgia Satellite Network and the Texas Presidential Debates.

Election '88 hosted by Kathy Cronkite, will be broadcast live from the Southern Methodist University campus in Dallas and be seen on over 500 campuses nationwide. The Democrats will take the stage on February 18 and the Republicans on February 19.

Each evening will begin at 8:30 pm. As part of a national student referendum poll, participating campuses will be asked to poll their campus audience on key issues and phone the results into Dallas. At 9:00 pm, students will join the presidential candidates for the debate. At approximately 10:00 pm, poll results will be announced and students will have an opportunity to ask candidates questions. The next segment of the program will feature discussions on the candidates and the issues with students in the audience via special phone lines. For this portion, colleges across the

# FEATURES

## Faculty Spotlight Dr. Harbort

By Scott Kelley

As a moving, active part of the faculty here at Southern Tech, Dr. Bob Harbort, head of the A.C.S. Department, has been on the go recently. Dr. Harbort presented a paper "Belief Structures and Problem Solving Behavior" at the Interface Conference in October. He also presented a tutorial on "Effective Computer Graphics" at the American Society for Quality Control conference in October. This past January 18-20, Dr. Harbort attended (by invitation only) the "Gordon Research Conference on Cybernetics and Applied Epistemology" in Oxnard, California.

**STING:** What courses are you currently teaching at Southern Tech?

**Harbort:** I am currently teaching one of the first courses in the new Artificial Intelligence curriculum which is "General Systems Theory". I am also teaching the Advanced Operation Systems class.

**STING:** How do you feel about teaching at Southern Tech?

**Harbort:** I like it! I like the students here. I taught at Emory University for years and I find it is a pleasure to be teaching at a place where the people want to be in college.

**STING:** How do you feel your traveling and research outside the college helps you, if it does, in the classroom?

**Harbort:** I think it is important to keep current with what is going on. One way to do this is to be active outside the college environment.

**STING:** Is this encouraged among all professors who teach at Southern Tech?

**Harbort:** It certainly is in this department. By staying active, it makes sure we maintain our applications orientation.

Also, it is good to keep fresh by going out and seeing what fellow professionals are doing.

**STING:** What are some of the responsibilities of being the head A.C.S. Department and how does that affect your teaching schedule?

**Harbort:** It prevents me from being a full-time teacher because I have to devote at least half of my time to run-

department is really a front line job, in the sense that my time is not my own to schedule. I am the one to deal with problems as they come up, but my students will tell you that I consider my students first. They pay the bills and I will gladly interrupt a meeting with the dean to talk to a student.

**STING:** As the head of the department, what role did you play in the recent overhaul of the A.C.S. Department?

**Harbort:** One of the things that we have been concerned with is our eventual application for further accreditation for this department outside of the Southern Association of Colleges. A lot of what you see in terms of name change and curriculum change is aimed at addressing those issues of trying to establish an identity for us as an applications oriented Computer Science department in the School of Arts and Sciences. The name change was brought about by Kennesaw College applying for a degree program that had the same name as ours but was vastly different from our program. So the Board of Regents told the two presidents to establish a committee and from that committee came our new name.

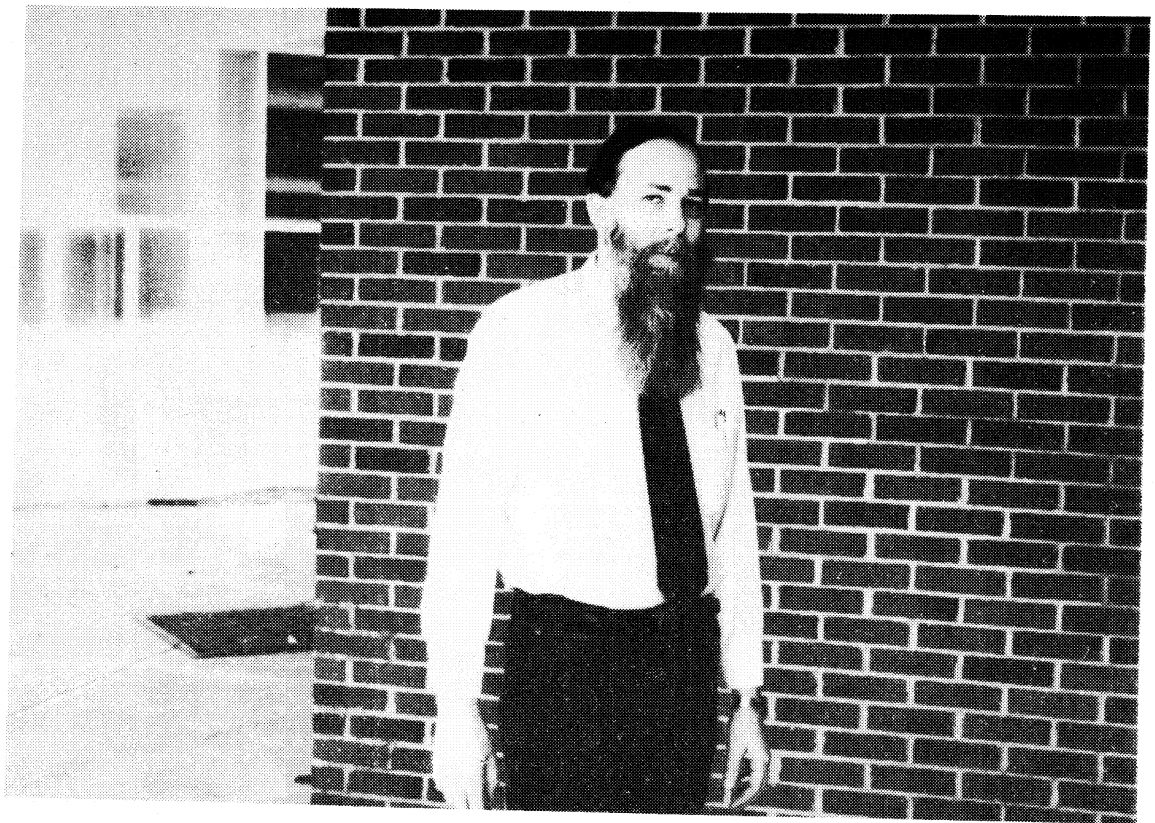
**STING:** You have recently completed your doctorate. What type of research were you involved in while working on your doctorate?

**Harbort:** Primarily what I was looking at was some applications of artificial intelligence in medicine.

**STING:** What are some of your spare time activities and hobbies?

**Harbort:** In answer to that I will quote Larry Louge, the head of the MET Department, who had to introduce me once shortly after I had gotten here. After talking with me and asking me that same question, he got up and said, "The thing that I have learned about him as far as away from school is that he considers it his own business." Nobody pays me enough money to discuss my personal life in print.

**STING:** Is there anything you would like to tell students who might be reading this?



**DR. HARBORT, ACS faculty member has presented several papers recently on computer topics.**

-Photo by Scott Kelley

**Harbort:** I think with the creation of the School of Arts and Sciences and the new organization of this college,

we are going to see a lot of very positive and beneficial changes. Southern Tech has been a good school for a long

time, and I hope we will continue to be a good school, but I think it is going to change to meet new challenges.

## Southern Tech has a What?

By Jim Connell

Southern Tech Jazz Band has been in existence about as long as Southern Tech has been here. Each year the membership changes based on students who are here. But each year, the primary goal stays the same - have fun and provide good music and entertainment.

The Jazz Band is a student activities group and is open to all interested students. Alan Gabrielli is the faculty advisor and Dennis Rice, a professional musician and director of bands at a local high school, comes here every week to direct the small group.

The officers this year are

Robert Mimms, Jamee Langston and Woody Havens.

this year the Jazz Band has performed for a number of events: lunch time entertainment for a Special Olympics session at a local school, background music for the Arts Festival here on campus, the bath tub race, TechFest, and the Cobb Symposium featuring the pilots of the Voyager. The group plays a mixture of music not limited solely to jazz but includes some pop rock, rhythm and blues and a few big band favorites.

The band has a unique opportunity this April to play for our Founder's Day celebration as the opening band for

Preservation Hall, a well known jazz group from New Orleans. But at this point, the band is not ready to perform at such an important occasion. The only problem with the group right now is the lack of a few key positions like a keyboard player, a trombone or two, and a couple more saxophone players. Anybody interested in playing with the band should come to a rehearsal as soon as possible. The band rehearses on Monday and Wednesday evenings from 7:00 pm to 9:00 pm. The requirements are simple. You must be able to read music, be willing to work hard and attend all rehearsals. The rewards are many!

## Orientation Selection Process

Andrea Floyd  
President of Connectors

It is time once again, to choose Southern Tech Orientation Leaders. I would like to invite you to participate as a leader in Gearing Up. If you are interested in campus activities, as well as an ability to communicate with others, we feel that you would be a great asset to the Gearing Up Program. The need to help all new students become integrated into campus life is of

the utmost importance in their overall success at SCT.

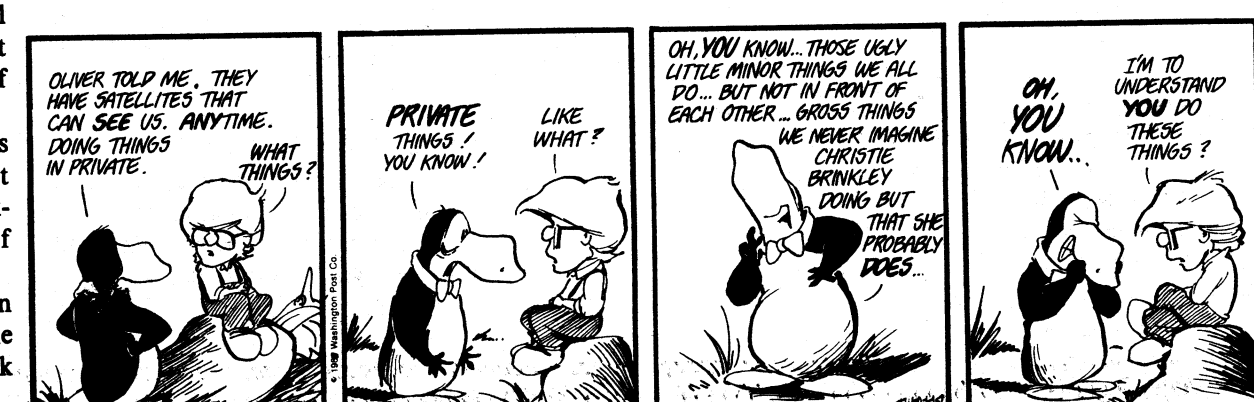
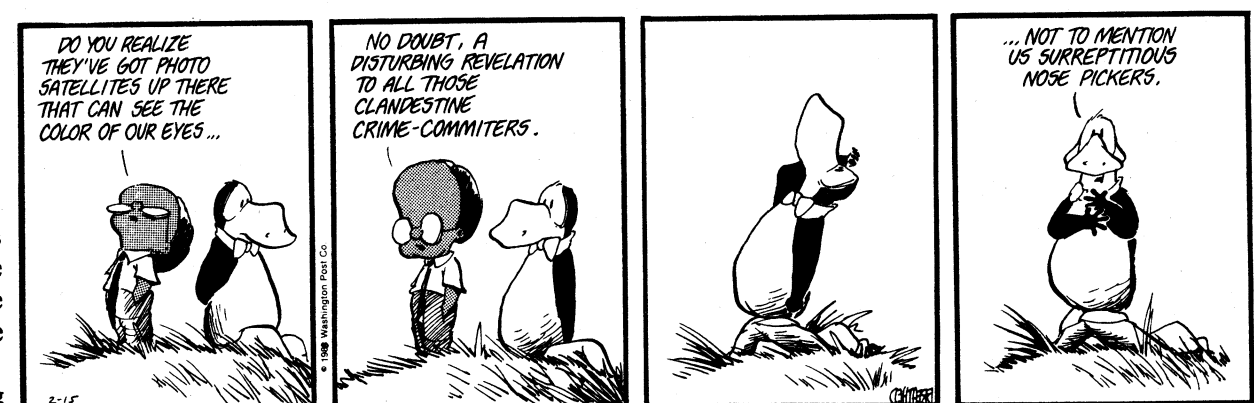
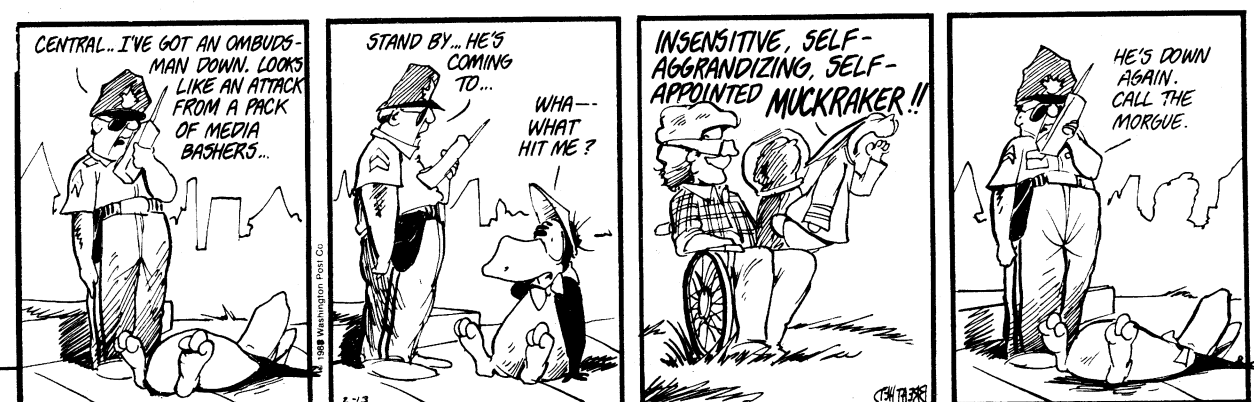
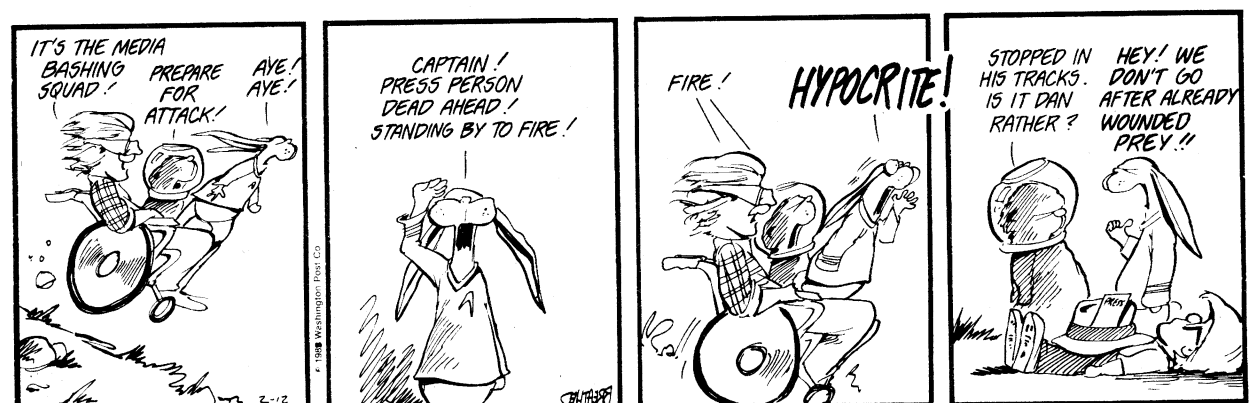
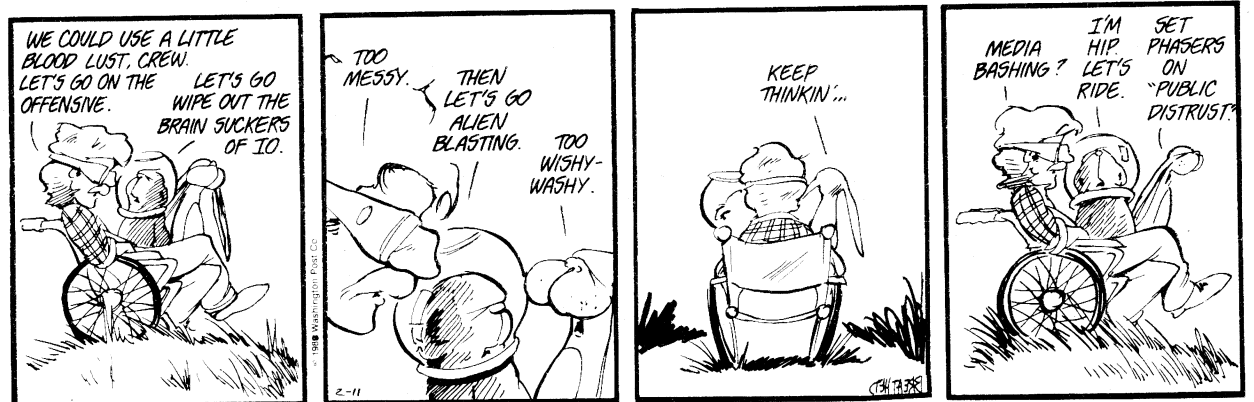
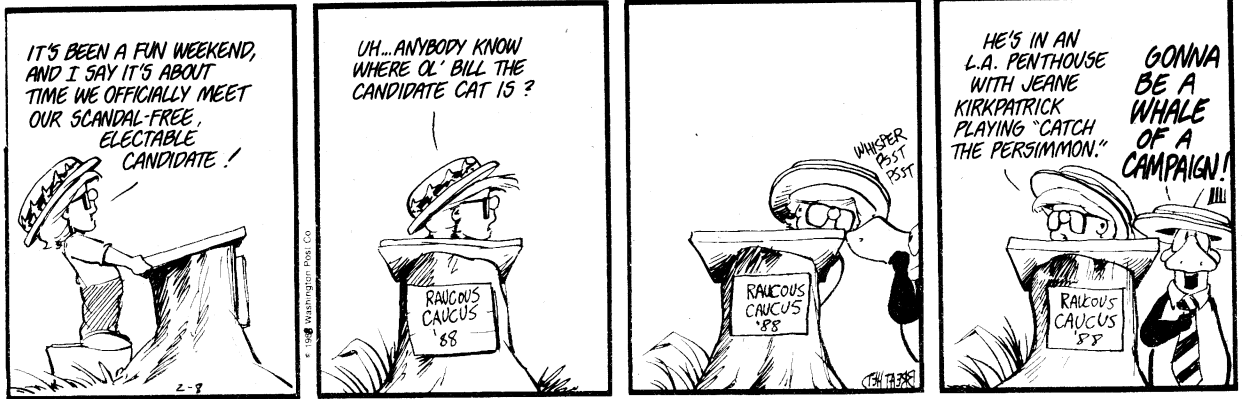
To clear up any confusion, the Diplomat and Orientation Leader positions have split into two separate organizations. Orientation will be operating out of the Advising Center; whereas the Diplomat program operates out of the President's Office. The Orientation Leader position will be primarily "orientation" of new students to SCT from Spring '88 to Winter '89.

We will soon begin our selec-

tion process in which each individual will be interviewed by faculty and by members of our committee.

This is a great opportunity to meet new students and share your experiences at SCT. We could really use the assets of someone like yourself, and we hope you will apply to be part of a very important beginning for newcomers at Southern Tech. For further information contact the Advising Center.

BLOOM COUNTY



seventies. The atmosphere was so good everyone danced as much as they could. As soon as we got tired and had to sit down to rest another song we love would start and we would just have to get up and dance to it. And a trip to the restrooms is an experience in itself. When was the last time you saw bathroom attendants? Yes, they have them, and they are two of the nicest people you could hope to meet.

This isn't the sort of place where you sit around and talk and get quietly intoxicated. You go there and drink enough to get feeling good, and then dance 'til you drop. Nevertheless, the drinks are good and reasonably priced. The standard Long Island Iced Tea is \$2.50 and pretty good, if a bit sweet.

The same thing I said about the drinks applies to the food. They have the standard bar foods, and they are as ridiculously expensive here as they are everywhere else, so I suggest you eat before you come.

This also isn't the place to pick up a date. If you don't bring someone to dance with you are in for a long, lonely, boring night. If you are looking for a meat market, go someplace else.

In case you haven't noticed, I heartily recommend Studebaker's to any and everyone, especially to those of you who either feel out of place in a more modern dance club, or to those of you who are bored and want to try something new and exciting. I rate Studebaker's a resounding 9.99 (I'm saving the 10 for something out of this world).

hand angle. Next, multiply these digits and add the digits of the answer, if it has two. Continue, if necessary, until a single digit is obtained. Write this digit in the upper angle. Finally, add the digits of the product of the two factors, then add the digits of this sum, and so on, until a single digit is obtained. Write this in the lower angle. If this and the digit in the upper angle are the same, the product is correct.

This method of checking applies to factors of any finite number of digits as well as to terminating decimals. It does not check the location of the decimal point, however.

Try to explain why it works for the product of a 1-digit and a 2-digit number, then extend this idea to the product of 2-digit numbers.

Solutions will be posted on the door of Rm. 208 of the classroom building one week after this issue appears.



Nightlife

By Ed Hardy

I recently had an opportunity to visit Studebakers in Buckhead (Warning: if you are under 23 the one at Akers Mill will not let you in) and thought so well of the place that I just had to write this review about it. It is truly one of the best clubs I have ever been to.

The whole place is designed around re-creating a 1950's dance club. All the music that they play is the very best oldies. While there, we heard 'Louie, Louie,' Up on the Roof, 'Shout,' and many other of the immortal greats. The bar and tables are arranged around the perimeter of the dance floor, so it is easy to watch the people dance, and you want to watch because many of the people dance in the Fifties style, which is much more difficult and interesting than the style that is popular today.

The crowd is definitely the most unusual and mixed age-wise of any I have seen in any dance club. We were among the youngest people there, and the ages went up through the late twenties (the average age) to the several couples I saw in their sixties and

Math Stinger

By J. A. Ziegler

Check With an X

Here is a very simple, and very unusual, way to check the product of two numbers. Can you explain why it works?

First, write an X large enough for a single digit to be written in each of its "angles." Second, add the digits of the first factor. If this sum has more than one digit, add them together. Continue this until a single digit is obtained. Write it in the left hand angle of the X. Now do the same with the second factor and write the resulting digit in the right-

# Dear Study Lady,

Dear Study Lady,

I spend a lot of time in the library, but I spend most of it daydreaming. I'm beginning to just not bother going because I don't accomplish anything anyway. What can I do?

-Distractable

Dear Able,

I'm going to give you the most peculiar of all study tips. First let me set the scene for you:

Let's say you're studying anthropology. You're reading along fine until they start talking about tribal food preparation rituals. Your stomach growls. *I wonder what's for dinner. Maybe I'll quit now and get a snack ...*

CHECK.

You put a checkmark on the pad of paper, and you bounce your attention back to the book.

You're reading diligently again when the discussion turns to courtship rituals. *Gosh, Johnny looked like a fox today. I wonder what he's doing Saturday night.*

CHECK. Back to the page.

Every time you catch your mind flowing out the window, you use the checkmark as a kind of

mechanical thought stopper that sends you back to your text.

The initial value of this procedure is humor: how could anyone have that many checks?

But there's a further value. The checkmarks become a key to your own awareness: how it feels to let your mind meander sideways, and--most important--how it feels to pull your thoughts back in once they've begun to slide.

There are many techniques--more often practiced in other cultures than in our own--for training the attention. This checkmark method is a particularly straightforward, down-to-earth, and effective approach to an age-old problem, the problem of keeping the mind pointed in one direction for more than two seconds at the time.

It's a skill that--with practice--even you and I can cultivate.

**Confidential to Panicky:** You know all those jittery people



hanging around the classroom door before a test? Did you study this graph? Do you think he'll ask about that theory? How late did you stay up?

Those people are not your friends, at least not until after the test.

Anxiety is contagious, and there's no reason for you to allow yourself to be exposed.

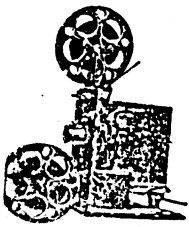
Get there in plenty of time, sit far from the jabbering crowd, and trim your nails, mediate, or play tic tac toe until the test begins.

You need something mundane to focus your attention away from the communal clamor.

Think of yourself as entering a karate match. You're spending those last minutes before the test gathering balance and gathering poise.

Nancy-Laurel Pettersen, the Study Lady, directs the study skills program at Emory University. You can send your Study Lady questions to her at Emory College Office, Emory University, Atlanta, GA 30307.

(c) Nancy-Laurel Pettersen



## It's The Flicks

By Filip Smessaert

This is another movie by the brilliant director of "Nightmare on Elm Street." His name is Wes Craven and his latest work "The Serpent and the Rainbow" is another example of his wild imagination transformed onto the screen. The movie is situated around a medical research doctor who ventures into Haiti in search of a drug which made zombies return to normal humans. In America, 25,000 to 50,000 people die

By David Pate

When I decided to go see Eddie Murphy's newest movie, *Raw*, I was ready to see and hear anything. All I had heard was that it was too vulgar. I had heard very little about Murphy's material. I thought about the obscenities and how the readers of the STING would react to such a film. Then I thought, everyone on campus has probably heard (or said) worse, so if college students in 1988 cannot handle vulgarity in a film, they should go and live with Jim and Tammy Fae Baker.

The claims that Eddie Mur-

phy's last concert film, *Delirious*, was too offensive appear to have not daunted Murphy's style. He continues to insult people like Mr. T, Michael Jackson, and of course, homosexuals are still on his hit list. His newest victim is Bill Cosby. Murphy used this comedy device extensively to the obvious pleasure of his audience. He has mastered the skill of insult.

annually while receiving anesthesia before an operation. These people are seen as clinically dead and buried. The drug, which is used in Haiti to return zombies to humans again, has been determined to be useful in bringing clinically dead people back to life in certain situations.

While in Haiti, the doctor meets several people who have been declared clinically dead and almost buried. These people were then treated with the wonder drug and came

back to life. His trip was hindered by a variety of obstacles ranging from human torture to being buried alive. The movie was well thought out and shows a great amount of imagination on the director's part. I suggest that anyone who enjoyed "Nightmare on Elm Street" and its sequels should not miss this movie. It rates a 7.5 and is currently playing at Town 8 at Kenesaw with discount tickets available for only \$2.5 at the student center.

The new Murphy material is original and funny. In *Raw*, he discusses relationships between couples and illustrates the value of a pre-nuptial agreement. If you enjoyed the material in *Delirious*, you should enjoy the material in *Raw*.

edge rock-n-roll style of keyboards, guitars and drums. "I feel the big beat/the rock of life/big beat talk to me/waking up blind with the house on fire". In this song, Rick sings about how his life changed when he didn't write, play or think about music. "World Start Turning" was written to show his need to get back into the music business when he voices "I've been standing on the beach/crying to the raging sea". In "Honeymoon in Beirut", Rick compares his hiatus to the Beirut kidnappings when he sings "I kidnapped and held for ransom (the one in me)/the one that you loved". Look for several other songs to hit the charts including: the danceable "Soul to Soul", about a man's need to know and be loved, and "Hold On To Your Dream", a "tell-all" look at his life when he sings "stand up and hold on to your dream/you know no one can take it". Although a few years have passed, Rick Springfield's back ... and he's better. Next issue, look for new albums by Stacey Q and more ...



## The Rock's Record Review

Rick Springfield  
"Rock of Life"

By Jeff Carroll

There has been little to follow up on with Rick Springfield's career for the past several years, but now Rick is back with a new album and has his sights set on the charts all over again. In 1981, Rick Springfield first hit the charts with his mega-hit "Jessie's Girl" which led to a Grammy Award in 1982 and a few other hits including "Human Touch", "Love Somebody" and "Dancing the World Away". Aside from his popularity as a singer, Rick has also appeared as an actor on TV and in film roles. About two years ago, however, Rick decided he needed a break to gain a perspective of himself and to raise a baby. This break resulted in a hit single and album, "Rock of Life". Rick points out that the songs written for this album were the result of his feelings during these past two years. The title track on this album "Rock of Life" continues Rick's hard-



# GREEKS AND CLUBS



First of all, Epsilon Alpha would like to express it's excitement for the outstanding fall rush of 1987. We would like to congratulate the following young men who joined our brotherhood this fall: Glenn House, Clay Berkhan, David Athon, Sam Chastain, Jeff Cooper, Shawn Craig, Gary Fowler, Tommy Harrison, Russ Lee, Dennis Mortenson, Mark Pressley, Mike Schlager, John Lewis, and Billy Sanders. Sigma Pi feels that these are quality brothers who will accomplish much for the betterment of our fraternity.

Also, we would like to congratulate our newly elected little sisters: Tracie Norton, Beth Meeker, Sandy McClure, Dodie Davis, Beth Barrows, and Krissy Patient. Sigma Pi is growing stronger every day and we are very excited for the future.

Grades have proven to be very important for Epsilon Alpha. We have achieved the highest grade. Brothers, keep up the good work!

Sigma Pi is also proving to be a dominant factor in sports at Southern Tech. Our inter-mural volleyball team finished a strong second this fall. We would like to thank all the fans who supported us in this effort. Also, we would like to invite everyone to come out and support the Sigma Pi Panther's intramural basketball team this winter. We have begun the season with a 2-0 record by defeating Sigma Nu 52-48 thanks to a

strong effort by Gambo who had 30 points. We then defeated Mr. Clean and Company 64-52 with strong performances by Tom Stewart and Billy Sanders. Our next game will be on Thursday, February 18 at 7:00PM.

Sigma Pi would like to thank Alpha Delta Pi for the social on January 30. The theme was M\*A\*S\*H and everybody got into the spirit and had a good time. We look forward to our next meeting with Gamma Phi Beta on February 26 with anticipation of a fantastic evening.

Epsilon Alpha has many events in the month of february. On the 6-7, several members of our brotherhood enjoyed a ski trip to Sugar Mountain, NC. Everyone had a good time.

Sigma Pi is teaming up with the Multiple Sclerosis Foundation, 96 Rock, and the Atlanta Hawks to sponsor a Dribble-a-Thon. Epsilon Alpha brothers will be attempting to dribble a basketball for 32 hours straight from 11:00AM on February 25 to 7:00PM on February 26. We are collecting pledges around campus for the event with all procedes going to the National Multiple Sclerosis Society. Please support this worthy cause.

Sigma Pi is also conducting a bible study every Wednesday night at 8:00PM. These are only a few of the many events planned for this quarter. Check the walls around campus or consult any Sigma Pi brother for other upcoming events.

Sigma Pi all the time!!!

many field events associated with track. You know, track and field. We still need bodies to strengthen our stand. Interested individuals can stop by rooms 120 or 124 of Norton Dorm, or contact Professor Eure at 424-7423. There are a few really big dates ahead of us. On the 9th of March, we hope to compete against Emory and others at Emory. And on the 26th of March, plans are being made to return to Emory to compete in a big open meet that Emory hosts every year. If you're interested in joining us, start running now. Remember, you can join the Marines and dodge bullets, or you can join us and have fun without bullets.



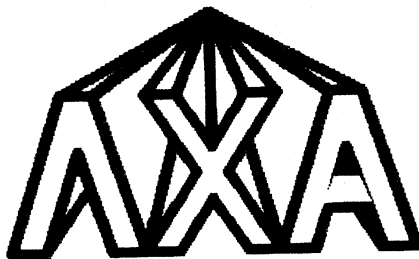
## Sigma Nu

By Shawn Slate

Gooood day Sigma Nu. Its time for the news. Congratulations to the new brothers of Sigma Nu: Robbie Bible, Shane Bowen, Bry Burnham, Stephan Bush, Bill Ethridge, Shane Garrett, Mark Gravly, Todd Guerin, Alan Johnson, John Jones and Shawn Slate. Top Gun would like to say "Gentlemen, we've been trained for the best by the best. Make us proud."

Now to the social correspondent, "How are things going Lightning Bolt?" "Well things are really hopping now. After a ripping good time at the party last Friday night we are preparing for the pre-ski party this Friday. Also we would like to wish Ingrid Mierbeth a happy 19th birthday and even though she is responsible for most of the destruction to her apartment, thanks for letting us stay when you came home to an apartment full of people. On a last note, everybody better attend the Southern Tech vs. Georgia this Saturday night as we show them who is boss in OUR gym (at least we have one to call our own). Also, happy birthday to Brett Reece and thanks for a job well don

## LAMBDA CHI ALPHA



By Ken Matheson

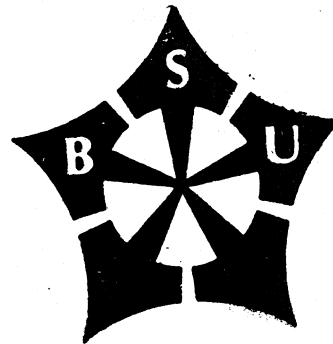
Well, I guess it's time that we all settle down and study since drop day has passed. Good luck to everyone in passing their classes! Thanks to the women of Gamma Phi Beta for their part in making their social with us the best it could be. Everyone there had a good time. Initiation is fast approaching, so good luck to the associate members. Once again, study hard, the grades will follow.

as D.J. Also, don't worry, it was just crate paper.

Now on to sports. What's that? No, it couldn't be Tim Barrett miss a dunk! More on basketball later. Crash! Splatterblast! (my own word) the Sigma Num bowling teams seem to "bowl" over anyone in their way. The Snakes: Tommy Tucker, David Lamb, Karl Zitt, Shawn Slate, and Eddie Slay move to a status of 9 wins and 3 losses. The Knights: Burt Crumley, Paul Grady, David Reed, and Russ Hancock hold a whopping status of 12 and 0. Listen closely and you can hear the calls from the first three teams they were to bowl, "Where in the --- are we!?" This bowler wishes to say thanks Coach Van DeRyt, keep up the good work. Sigma Nu is off to a bouncing start at basketball also as we defeated Lambda Chi and BSU.

Time to sign off for now after a word from our official ski trip sponsor, Isuzu Skis - the forerunner of skiing technology.

"Hi, I'm Joe Isuzu. These are the new Isuzu Trooper 4000S Skis. They not only void the expense of lift tickets, they allow you to go up the hill twice as fast as you go down. They carry up to 50 people, as I just brought the entire Vienna Boys Choir to the top of the slope. Prices start at just .99, so get yours today. And as always, you've got my word on it.



By Fred Curtis

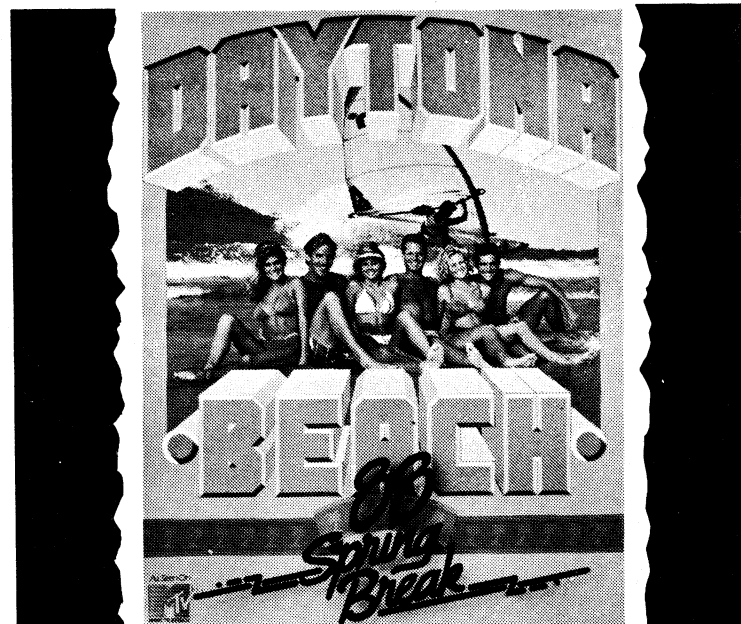
The Baptist Student Union has several upcoming events on the calendar for February and March. On Friday February 26, the annual Marathon for Missions will be held at the 2nd Ponce de Leon Baptist Church in Atlanta from 6pm to 2am. Several Atlanta area colleges will come together to play a variety of games ranging from volleyball to Trivial Pursuit®. All money raised will go to the summer missionaries. Coming up on March 11 is the BSU Friday Folics. Come prepared for a time of fun and fellowship with other Christians. The mission trip is planned for the week of Spring Break. Details on specific dates and places will be announced later in February.

On the lighter side, we are very pleased to announce the engagement of Mr. Tim Johnson from Winston, Ga and his beautiful Bride-elect Chris Garret from Rome, Ga.

## SCT Track Club

By Eric Smarr

Well, we've finally gone and stepped in it. We, the few, the proud, and the truly masochistic, have taken the first steps in providing the Southern College of Technology with a club for its runners. Running in circles can become monotonous, but we will not just be running in circles. We'll be competing against other colleges in open meets and head to head competitions. In addition to the pure runner, we're looking for people to participate in the



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# Sigma Phi Epsilon

By David "Scarecrow" Pate

What a weekend! There was no time to catch a breath! If we keep going at this rate, we'll be old before our time!

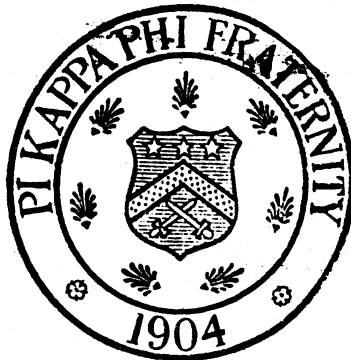
First there was the mixer on Friday night. Sig Ep and the Delta Chi Gamma sorority from Kennesaw got together for an evening of unabashed frivolity (nudge, nudge). The sorority girls had the idea of giving the occasion the theme of a pajama party. The original explanation given was: "Wear what you sleep in." This explanation was quickly changed when it was realized that some of the sorority girls and some of us Sig Eps don't wear pj's. Such a party would be festive indeed! No one was allowed to enter who did not wear appropriate nocturnal apparel.

The next night we held our Seventh Annual Founder's Day Banquet at the Perimeter Marriott. It was on this night that many a Sig Ep had to give

a description of what went on the night before to his date. I'm sure Pinnocchio would have been proud! The toasts of the evening were handled with selfishless dedication by our illustrious Chapter President Todd "Pickles" Roberts. It was a dirty job and he was glad to do it. After the banquet, there was a migration up to the rooms that had been rented for the night.

And finally on Sunday night, some of us decided to entertain ourselves with a salubrious (look it up) activity. The truly brave men among us took leave of our senses and accompanied some of the little sisters on a life-threatening night of roller skating. Being the engineering students that we are, we conducted many experiments concerning gravity and the structural damage taken by a human body coming in contact, unceremoniously with the floor.

I would like to conclude this entry with two statements from the wise Sig Ep philosopher, Dr. Werner Von Scarecrow. The first is: "I'd rather have a bottle in front of me than a frontal lobotomy." And the second is: "It's great to be a Sig Ep!"



By Mike Swab

Our annual Conclave was held last week at La Grange. Leadership seminars were held during the day and parties were held into the night. Brothers attending learned a great deal and enjoyed themselves too.

On March 5th, IFC is having a fund raising road block for a worthy cause, diabetes. Anyone who is interested in helping or contributing should contact any IFC member.

We are looking forward to our social with Gamma Phi Beta. We hope that it will be an enjoyable time for all.

Abner says, "I'll be back!"

# AIAS

By Timothy W. Barker

The Southern Tech chapter of the AIAS is alive and growing strong. On Thursday, February 3, the AIAS held a general membership meeting. The main topic of discussion at the meeting was the greatly anticipated five year degree program.

Professor Fausett, AET professor and AIAS Faculty Sponsor, updated the students on the progress of the five year program. The program's approval is still in limbo.

The AIAS took a tour of the IBM Tower on Tuesday, February 10. The IBM Tower is located in the midtown section of Atlanta and is presently the tallest building in Atlanta. The tour was enjoyed by all who participated.

A t-shirt charette will be held on February 17. In order to come up with a t-shirt design for AIAS membership. All AIAS members are welcome to . Stop by the AET Office for further information.

To all students interested in joining the AIAS, membership forms are available in the AET Office. And please come to the general membership meetings. Meeting times and places are posted around campus. Hope to see you there.

Looking forward to spring quarter, the AIAS will be hopefully sponsoring a sandcastle competition in conjunction with the annual beach party. Be on the look out for further information regarding this event.

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# SPORTS

## Hornets Down Hawks at Nest

By Mike Powers

The Southern Tech Runnin' Hornets provided Coach George Perides with some uneasy moments Saturday night.

Despite being plagued by turnovers throughout the contest, Southern Tech held off a late rally by a relentless Shorter Hawks team to notch a 60-55 win at the Hornet's Nest on February 6. Excellent shooting and aggressive board work saved the Hornets, who improved to 15-8 overall, 10-3 in the District. They shot an impressive 59 percent from the floor while out-rebounding their opponents. "I've been impressed with our bench play," stated Coach Perides, who recieved quality minutes

out of Ricky West, Maurice Charlton, and Darren Holley.

The lead switched hands several times early in the first half before Shorter (6-22, 3-10) gained a 32-18 advantage on a pair of Mark Tunnell free throws. Southern Tech eventually closed the gap and took the lead, 29-27, as West sank a three-pointer from long distance with 18 seconds left in the half. The Hawks responded with a bucket of their own to tie the game at intermission.

The Hornets went on an 8-2 run to start the second half but were unable to gain a substantial lead over the Hawks. Shorter pulled to within two, 43-41, when Scott Harper nailed a pair from chairity stripe. ST extended their lead to 51-45 with about seven minutes remaining when Terry Givens scored after picking up one of his game-high eight rebounds. Shorter reduced the

Hornets tenacious lead to two, 51-49, when Harper scored on a short-range jumper.

Givens scored the last of his 13 points on a pair of free throws with just under two minutes left, giving the Hornets what seemed to be a commanding 57-49 lead.

But the Hawks weren't finished yet.

Shorter hit a pair of unanswered three-pointers to trim their opponents' lead to 57-55 with just 38 seconds remaining. But the Hornets held onto their lead with the help of clutch free-throw shooting by John Boulware and Bobby Hines, who combined to hit 3 of 4 from the line in the closing seconds.

The Hornets are in contention for the District title that, in Coach Perides' words, "anybody can win."

## Go Motor Tubs

By Mike Kolbas

The January issue of Car and Driver Magazine featured an article titled "The Ten Wierdest Races". In the article was a section about the Bathtub Racing Association. This is the section from Car and Driver written by Tony Assenza.

### Bathtub Racing Association

As far as we can determine, this form of racing is a localized disorder, limited to the campus of the Southern Technical Institute, in Marietta, Georgia. The races, held each spring, are organized and sanctioned by the school's Department of Mechanical Engineering, the goal being to give the undergrads a chance to apply some of the theory they've supposedly learned in the classroom.

The Bathtub Racing Association rules specify that the tubs must be the standard-issue cast-iron variety, that they must have safety equipment such as roll bars and belts, and that their engines may displace no more than 175 cc. The tubbers compete on a one-mile road circuit around the campus, achieving speeds as high as 85 mph - which is really moving for a major bathroom appliance. Elsewhere on campus, we understand, French majors race bidets powered by Cuisinart motors.



## SCT Track Team to Form

By Jeff Carroll

The flyers that have circulated around Southern Tech for the past few weeks about the formation of a college track and field team have piqued the curiosity of the STING staff. To find out more about this activity, I asked the track team's faculty advisor Professor Bruce Eure of the ACS Department the following questions:

**STING:** What is the purpose of organizing a track team for Southern Tech?

**Eure:** To give the opportunity for intercollegiate track and field competition and to promote interest in fitness and health in general.

**STING:** Who can join the track team? Are there any physical or academic restrictions?

**Eure:** The only requirement for any student, male or female, is to be enrolled during the quarter in which he competes or is a co-op student. This team will compete on a

club level instead of a varsity. Participation, both on the field and in training, requires that the student be in satisfactory condition. Around 95 percent of our members compete in the events, while the other 5 percent help to train the athletes. Right now, there are approximately 30 to 35 people involved with the team.

**STING:** Who would a student contact about joining the track team?

**Eure:** I can be contacted at 424-7423, or the team's captain, Eric Smarr at 421-8616.

**STING:** When will the track meets take place? What days? What times?

**Eure:** The track meets are tentatively scheduled to take place between March and July. Most of the larger meets will occur on Saturdays, although some of the smaller meets will take place during the week. The first meet is scheduled with Emory University on March 9, followed by the Morehouse relays on March 19, and an invitational meet at Emory with schools like

Vanderbilt and Furman on March 26. We anticipate having six or eight additional meets with other schools in the Georgia University System that will be announced later. The meets have both male and female competitions.

**STING:** Where will the track team meet to practice? How often?

**Eure:** Many of the members choose to practice on the campus loop road, while members involved in field events practice behind the Cobb Civic Center. The team usually meets around 6:00 pm during the week between the dorms.

**STING:** How much, if any, will it cost to join the track team? Will dues be taken?

**Eure:** There are no dues, but each member is expected to provide his own uniform and equipment and help furnish travel expenses to meets.

**STING:** What expansions do you see for the track team during the future?

**Eure:** We hope to include cross-country events in the fall.

## Flyfishing Offers A Scientific Approach

By Mark Chastain

Flyfishing offers a scientific approach (for scientific minds like us) to the traditional sport of fishing. Unlike cruder methods such as using live bait, flyfishing allows an angler to use his intelligence to catch fish. Although equipment is available for all type of flyfishing, most people flyfish for trout in mountain streams.

When "flies" aren't actual flies, but hand made imitations of aquatic insects. Flies are fished whether wet or dry. Dry flies imitate flying or surface insects. Wet flies imitate hatching or subsurface insects and include nymphs. Nymphs compose a very large portion of a wild trout's diet; nymph imitations are very effective when fished properly.

Flies are carefully assembled onto hooks to imitate a specific species. Materials used include feathers, animal hair, thread, cement, and synthetic materials. Flyfishing is an art unto itself; several hours of practice are necessary just to become decent.

Flyfishing gear consists of a very limber, relatively long rod, a fly reel, line, and the fly. Rods range from six to twelve feet long with eight being most common. Attached to the butt of the rod is the reel. A short piece of monofilament (three to seven feet long) is tied to the fly. This piece is called the leader. The leader is tied on to the fly line, which is either floating or sinking. Backing, strong coarse line, is tied to the reel and fly line to prevent a runaway fish from taking all the line.

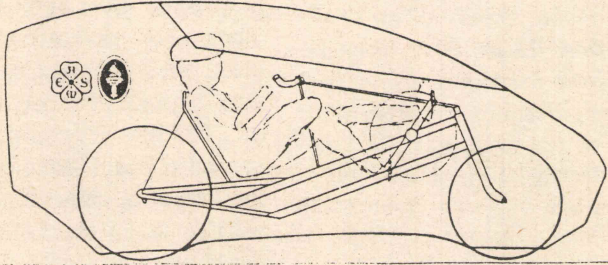
Flyfishing is an art to be mastered. After all aspects are mastered, the satisfaction received is immeasurable.

A note on flyfishing. Trout season in Georgia ends on the last Saturday in March. All trout streams are open for flyfishing. Some streams are restricted to artificial lures only. Complete regulations are available at sporting goods stores and the Department of Natural Resources.

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# CAMPUS ACTIVITIES

## Black History Month Continues

By Tonya M. Flowers

The first week of Black History Month sponsored by the NAACP was completed and both of the events- Game Night and the Jomandi Production- were huge successes.

The Game Night went off without a hitch. Three rounds of bingo were played using Black History questions. The participants would look at their answer sheet and try to figure out the answer. They were then to match it with the corresponding numbers of their bingo cards. A bonus round was then played by Evelyn Paschal, Eugene Weems, and Al Robinson- the winners of each game- for a fast round of questions. Questions were asked and the first person to answer two questions was proclaimed the winner. Of course, Mr. Al

Robinson(the Black History genius) won and was given the pot(a jar of money collected earlier). Congratulations All!

Jomandi Production, "Do Lord Remember Me", was very inspirational. Southern Tech was represented by 25 students, family, and friends. The play was presented from a different point of view. Each of the five characters had been born into slavery and told stories of their lives as slaves. They told of the good times like when they all used to go to church and sing songs, but they were not allowed to have their own preacher. They also told of the bad times like when they were whipped or beaten by their masters. One character was beaten until her face was permanently disfigured. The character described these events as if they happened yesterday and everyone could feel their pain as they spoke.

Future Black History Month events are as follows:

February 16 Mr. Curtis Atkinson, Assistant Secretary of the State of Georgia, 12 noon, Ball room A

February 18 Ms. Lytia Howard, Director of Special Programs at Ga. Tech, 12 noon, Ballroom B and C

February 21 Gospel Program, Sponsored by Delta's, 6 p.m., Burruss Auditorium

February 23 Dr. Robert Yancy, Dean of School of Management, 12 p.m., Ballroom B and C

February 25 Luncheon, 12 noon

NAACP asks for your continued support throughout their Black History Month festivities!

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PURVIS 2-4	WILD MAN!!!	WGHR	DALE K. OLD HIPPIE SHOW 2-4	TODD WHO KNOWS? 2-4	ALTERNATIVE	MARK, THE EDGE OF THE WORLD 2-6
NOISY METAL 4-6	JANIE DANCE 4-6	THRASH METAL 3-5	CHRIS ALTERNATIVE 5-7	HEY, THIS IS ROCKY RACCOON, WITH LOVE	ALTERNATIVE	THE AERIAL BOUNDRIES WITH JIM JOBE NEWAGE 6-9
FIVE WAYS 6-9	BARTO HEAVY METAL 6-9	COOL 5-7 COUNTRY	HAMPTON MO 7-10	PSYCHEDELIC ANARCHY	ALTERNATIVE	CIRCULAR ROADS KEVIN LEE MCCRAY JAZZ+FUSION
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