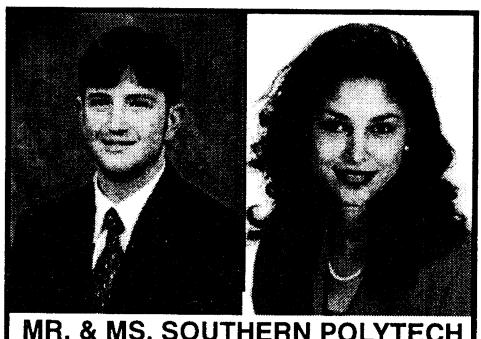


Food Service Survey Inside

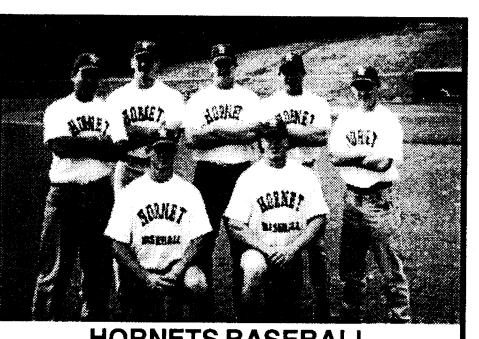
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VOL 50, NO. 2

THE

STING

FEBRUARY 4, 1997

Prof. Troemel Honored

By CHARLES BANTON

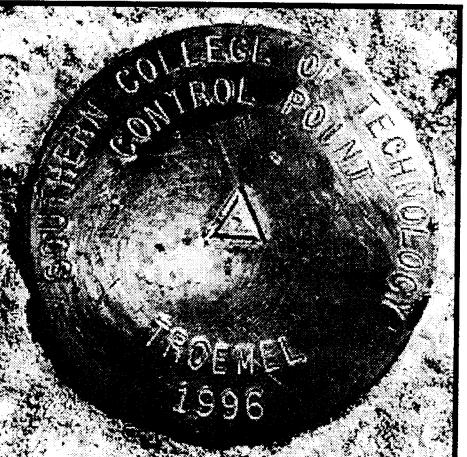
Once upon a time in September of 1995 Rod Abney came to Prof. Matt Wilson with the idea of honoring Prof. 'Al' Troemel with a National Geodetic Survey Monument placed in his name. Having a NGS named for

the horizontal accuracy of one-in-twelve millionth of a foot (that's right 1/12,000,000 ft.) and a vertical (elevation for those non-surveyors on campus) accuracy within one centimeter. This is amazing technology. Most monuments used today were placed in the 1930's by the government when an accuracy of one-in-one hundred thousand feet was considered good. The accuracy was made possible by using four other monuments located at Fulton Industrial, Stone Mountain, and Cartersville. These monuments were connected to the satellites at the same time and pinpointed the location for Troemel's monument. This coordination was no easy task and two current students of Troemel, Jim Peshel and Casey Joyner helped to get

these readings. Friends of Troemel, working with Georgia Power, donated the use of rare and essential Invar steel staffs. Georgia Power is the only company in the state who produces these valuable staffs and they are not produced in a high quantity.

Everything takes money and this honor is no exception. Rod Abney sat down with a list of previous students of Troemel expecting to be on the phone for a long time to get the financial support necessary for this honor. The search for funds only took three calls. The first three students Rod called offered enough financial support to ensure the project's success. Rod stated "I'm proud to be a part of a fitting tribute which involved

see Troemel pg. 3



them is an honor that has not been bestowed on anyone else in the state of Georgia. This idea turned into a reality on January 23 at 9:00 am. It was the result of a great deal of work from over 30 people, lasting almost a year and a half. All of this was done right under the nose of Prof. Troemel, without him being aware of anything. Prof. Troemel stated "as you could see, you really did pull it off. This was a total surprise. ... I do not see how any other event in the future could even come close to this one".

What is a National Geodetic Survey Monument (NGS)? An NGS is a registered reference with respect to latitude, longitude and elevation used for any surveying project (like the new academic building). Surveyors and students will use this monument long into the future. The monument is four and a half feet deep, two feet wide at the bottom, and eighteen inches wide at the top. The monument doesn't look that big on the surface and there is a reason for burring it so deep. The monument is buried six inches below the freezing level so that the monument will not expand or contract (causing it to shift) due to weather.

The positioning of the monument was accomplished with the assistance of Stacey Lyle and Mike Carlye who donated the use of \$150,000 equipment. This equipment was used to connect with four satellites to give

Library Dedicates M.L. King, Jr. Bust

Mrs. Christine King Farris to Speak on Campus

On February 20 at 2:00 P.M., the campus will receive the sister of Dr. Martin Luther King, Jr. in the rotunda of the library. Mrs. Farris has graciously accepted the invitation to come to the campus and dedicate the sculpture which was designed and fabricated by local artist, Meredith Rambo.

The fine art piece is made of terra-cotta clay which is sculpted directly in the clay and then fired. The finished piece is slightly larger than life and is made to sit atop a pedestal for viewing on all sides. The program should run from 2:15 PM until approximately 3:15 PM and will feature the dedication followed by the unveiling of the bust.

We are pleased that this program will coincide with the commemoration of *Black History Month* which is slated for the month of February.

Aramark Embraces Student Feedback

By WENDY JARNAGIN

The two hottest issues on campus this year seem to be the new name of the college and the food service. Professors that have polled their students about the change from Southern Technology to Southern Polytechnic are likely to receive the same reaction to the food service, a low number of mumbled, disgruntled voices proclaiming some dislikes pertaining to each of the two. So, what is the scoop? Is there any truth to the rumor about a petition that has surfaced around the campus concerning the food service? Is Aramark aware of any petition and last, how does Aramark rate their performance?

I sat down with Glenn Forbes, the Aramark Food Director, for the campus to discuss my concerns. He was honest and generous with his answers. I found him to be sincere in his desires to satisfy the customer. He seemed almost relieved to set the record straight.

Aramark serves many college campuses in the area including Oglethorpe University, Georgia Tech, Dekalb Community College, Agnes Scott, Clayton State and that is just a sampling. I asked numerous questions. Did Aramark expect their contract to be renewed? How he perceived the food service area to be doing? Is there or was there a petition? If so, what does it state?

Glenn replied that yes, he did anticipate



Hot Food Line Opens
Feb. 10 for 2 Week Trial

the renewal of the contract. He perceived the food service area to be doing well. Yes, there was a petition that allocated the reopening of the hot lunch line. When asked if there were any statements about the food quality or the food service in the petition, he replied, "No." I then asked him how he perceived the food quality to be and if he had heard any complaints from students? His comments were that he had installed a suggestion box upstairs in the Student Center, which he said was going to be moved downstairs near the turn stile in the food service area. He said that he had even answered and considered some of the suggestions. He also stated that he had a young lady that had been pleased with the pasta bar and as a result wanted to know if we could have a pasta bar on a continuing basis. I replied that I had heard the Mexican lasagna was delicious.

I then came back to the petition. Was
see Aramark pg. 2

History of SPSU

Campus Life - 1970s Style

By DR. RICHARD BENNETT

When Southern Tech began offering a four-year degree program, the majority of its two-year students remained to finish the next two years. Combined with entering freshmen and transfers, this meant a dramatic, almost 50%, increase in enrollment. Campus life, though a continuation of previous activities, was somehow now quite different. There were, of course, many more students, some new student organizations, and for the first time, a significant female student population. The first year as a four-year school was explosive, literally. A sophomore student had built a small, homemade pipe bomb which exploded outside Norton dormitory on the evening of April 13, 1971. No one was injured but windows were shattered, and part of the decorative concrete latticework was damaged.

With more students on campus, a greater interest in a "college atmosphere" also developed. In part, this followed national fads, while in part, traditions were initiated which have survived to the present. In 1972, "Goat Day" was begun. Campus legend had it that some years earlier, a member of the previous administration became so frustrated that he tied up a live goat near the campus administration building. Seizing upon the legend, "Goat Day" now became a celebration and public relations festival with bar-b-que, a Miss Southern Tech Pageant, a variety of activities and an evening dance. In order to strengthen faculty, staff, and student interaction, competitions were staged. In October 1973, then-Governor Jimmy Carter even issued a proclamation for the Goat Day festival.

The increasing number of women on campus not only led to changes in student organizations, and facilities (e.g., a women's section in Howell dormitory), but in 1974, the cheer

leading squad was composed of Southern Tech students for the first time. By 1976, the female students had organized themselves, forming an organization called, "Women in Technology." This organization was sponsored by Roberta Gates, one of the few female faculty members at the time. The goal was to emphasize women's concerns on a male-dominated campus. Also in 1974, the "streaking craze" hit Georgia campuses, including Southern Tech. At first, only male students at Southern Tech were involved, but before the wave subsided, female students were involved as well. Eventually a "streaking event" was staged on campus which lasted several hours.

Ever since Southern Tech was organized, sports has played a role in campus life. The long hours of class time and study, without some diversions, can take a toll on a student. Occasionally a good team, or an outstanding individual, might excel in a sport - some even signed with national (mostly professional baseball) leagues upon graduation. But a two year program had been too brief to develop the maturity and growth needed for a strong sports team. In addition, only certain sports were even permitted, lest they conflict with Georgia Tech's program. Funding was always limited, and it was frequently remarked that at basketball games, more high school teachers than Southern Tech students and faculty/staff attended.

In 1977, the lackluster sports program began to change dramatically. George Perides had become the head coach only recently. Yet during his first and second seasons at Southern Tech, the Hornets went to the Basketball regional finals sudden death elimination rounds after winning the regional championship. Though not all seasons have been as electrifying as these first ones under his leadership, the teams, and their support have continued to prosper.

More next time...

Transition Expected for Financial Aid Operations

By ANTHONY RONCA

A familiar scent to SPSU students is in the air. Spring? No, not quite. It's the smell of change. This change will be affecting a subject near and dear to every student's heart—money.

In the July 17 issue of 1996, *The Sting* reported a change in the way the financial aid office accesses student information. The change was from the DOS-based software application *Microphase* (by College Scholarship Services—CSS) to a Windows-based interim product called *Powerphase* (also by CSS). *Powerphase* was intended to provide the financial aid office the necessary support it needed until the implementation of the software product called *Banner*. Although there were many problems at first with *Powerphase*, Dr. Emerelle McNair, the Director of Scholarships and Financial Aid, has reported that all is well currently. *Powerphase* will be adequate until the implementation of *Banner*.

Banner is a software application that will allow extraction from a relational database called *Oracle*. A relational database is one where data is extracted not only by means of matching strings, but also by actually relating strings one to another. One of the advantages to having a relational database is information is easily tracked and extracted even though the input is constantly changing. For example, the financial aid office may have a student apply with a temporary student identification number. If the student then changes his number later on, the relational database will be able to identify this change. In contrast, this change may slip by unnoticed with a conventional database.

The financial aid office will not be the only office on campus to have the *Banner* application implemented. Most offices on campus will receive this application. In fact, as mandated by the University System Board of Regents, all

but a few schools in the University System will have *Banner*. The first office scheduled to implement *Banner* will be the admissions office. Second in line will be the financial aid office. The financial aid office is scheduled to have *Banner* fully operational by March 1997.

With such an ominous task ahead, you may wonder who will be the dynamic managerial force behind the implementation. Fortunately, SPSU has acquired Mrs. Maggie McHugh-Parrish. She comes to us from Georgia State University and has been deemed "Banner Project Leader". She began her challenge on January 6 of this year and is planner and facilitator for the project.

Mrs. Parrish indicated that the implementation calendar is still being discussed and she does not realistically expect the financial aid office to be fully operational by the March 1997 deadline. This means changes can be expected around November 1997, according to Dr. McNair.

Dr. McNair also noted that of the approximate \$400,000 total finished cost for *Banner*, approximately \$50,000 constitutes her office's need. Although all hardware requirements have been met, additional staff and training will be required.

When asked what problems SPSU students can expect, both Dr. McNair and Mrs. Parrish agree that inevitable bugs will go on behind the scenes. However, students should expect a smooth transition overall. "Apply by the deadline" and "...read thoroughly..." weighed together make up the ounce of prevention needed to help a student's financial aid woes, says Dr. McNair.

What does all this mean to the typical SPSU student? It means increased accuracy and faster transmission of student data between departments sure makes "change" smell much more pleasant.

Interested in broadening your perspective and gaining valuable experience in project management?
Contact Mrs. Maggie McHugh-Parrish in the I.T. Dept. @ (770)528-7346

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Chris Sears

Proofing & Editing
Charles Banton
Brett Benedetti

Aramark from pg 1

the reopening of the hot lunch line a possibility. He stated, "It was not cost effective to reopen the hot lunch line at this time." He said that he was aware that there was a problem with the lack of space in the food service area at 12:15, lunch time. When asked why the area was not designed using a larger layout, his response was that Aramark was unaware that Southern Polytechnic offered very few, if any, classes between 12 and 1. Aramark's other college locations have students eating lunch at various times during the day. This oversight resulted in a high demand for lunch at these times. He said, "However, he could not justify hiring extra staff because of the crowds at 12:15." He did state that Aramark is planning to grow with the school and there is a good possibility that the hot lunch area will be opened in the future when sales are stronger.

I began to ask questions that other students

wanted me to pose to Glenn. Does a student get charged for spoons, napkins or condiments? Who determines the price of the food? Who decides what is to be served? Glenn stated bluntly that a student purchasing a meal was not charged for these items. Problems stemmed from this situation when various students were entering and taking handfuls of napkins and utensils. He reported that it is difficult to monitor the area and that he has on one particular occasion seen a student stealing pizzas and handing them to a fellow student across the wall. He continued that he determined the price of the food and felt the pricing was reasonable. Glenn also determines the food that is to be served. He quickly stated, "He would not serve food that he, himself, would not eat." Glenn feels as more students participate and as the school expands there are likely to be reductions in price. As it stands now, Aramark is not profiting as much as they would like. It may also be worth noting that Southern

Polytechnic receives commission from the sales as well.

Glenn wants to encourage students to use the suggestion box which will be relocated soon at the turn stile in the food service area. He will also have a menu placed at this same location. He suggests that students use constructive suggestions that he can utilize. He even suggested that students bring 'in their favorite recipes. He would be happy to incorporate the recipe into the menu, considering if it is cost effective.

I thanked Glenn for the interview and walked away feeling a sense of contribution. We, fellow students, are adapting to change much like Aramark. We know that quality involves striving to continue to improve the product. I think Aramark, through Glenn, is striving for that quality as well as Southern Polytechnic. Quality can only work if we work as a team. So, start contributing. Send in those recipes and use the suggestion box.

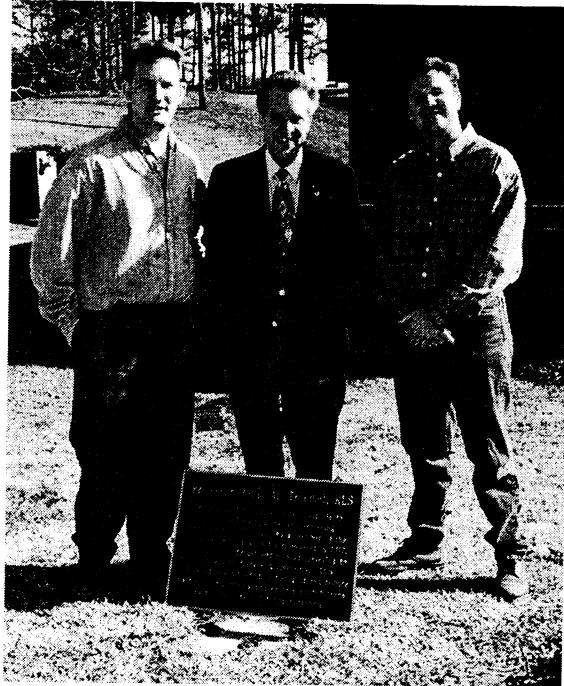
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Troemel from pg. I

over 30 people", "It will outlive everyone who worked on it".

There is another monument on campus near the lighted sign on South Marietta Pkwy. That monument was placed by previous students with the initials LB, BN, and BW. The differences between the two monuments are: Troemel's monument is more accurate, has a vertical (elevation) control, and this is the only monument in Georgia dedicated for the sole purpose of honoring an individual.

Prof. Troemel must be a very special person to receive such an honor from colleagues and students. The impact that some people have on others will never be able to be measured in statistics, Prof. Troemel is such a person. At a recent annual convention for the Surveying and Mapping Society of Georgia



(SAMSOG) the honor was presented to the unsuspecting Professor. When the question was asked of the more than 400 people attending the convention (more than twice as many as last year) "who was taught by or exposed to the teachings of Professor Troemel?" hardly a soul remained seated. Professor Matt Wilson states "approximately 75-80% of surveyors registered in the state of Georgia have gone to this school". Professor Troemel has affected the lives and careers of many people, best

expressed by one of those he has affected. Prof. Julian Wilson, head of the ECET Department stated on the day of the presentation "I have never seen sincere gratitude expressed as eloquently as I witnessed this morning. I'm proud to call you friend."

Professor Troemel is the most senior faculty member on campus with 39 years of ser-

vice to the civil engineering program at SPSU. He plans to retire soon with many projects to fill his "free time". He plans to promote the surveying industry in Georgia by being more active with the state board, push for greater educational requirements, promoting seminars and educate people in the newest technologies.

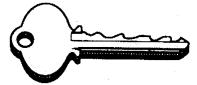
Professor "AI" Troemel was born in 1938 to immigrants from Germany prior to W.W.II. Troemel first came to this campus in 1957 as a student working towards a two-year degree. After finishing his two year degree he was offered a teaching position in physics or civil engineering. Troemel met his wife on a blind date and was married in 1963. They have two sons, Hans Alfred Jr. born in 1970 and David Eric born in 1972. When the Berlin Wall was constructed it separated Professor Troemel's family from the rest of their relatives in East Berlin. The day the wall came down opened up a new arena for the professor and his family. After a visit with his relatives for the first time he realized how much they were identically alike. "My cousin is just like me, the way we think and the way we act". Troemel credits his wife for keeping in touch with his family which led to their reunion. His wife is credited with making his career successful by "being behind the scenes", and proofing all his memos.

"When you get to this stage in your life you start asking yourself what have I done on this Earth?", said Prof. Troemel. The great-

est events of his life have been the many awards he has received. The list includes four(4) outstanding faculty awards by students and peers at SPSU, the first presidential distinguished service award, and an honor awarded by the mayor of Marietta. The award from the mayor of Marietta was for his direction in surveying the old Marietta cemetery, plotting all the graves and creating a book of genealogies of the soldiers in the cemetery. Many people reference this book in tracing their genealogies. Tromel feels a great sense of accomplishment when teaching others.

The greatest accomplishment of his life is in the success of his two sons. His eldest is an Electrical Engineer for GM in the research and development department working on the cars we won't see for another ten years. His youngest is a Civil Engineer working on his master's in transportation at that other TECH in downtown Atlanta.

"I've been blessed, I almost feel guilty for taking a paycheck for something I like so much", says Troemel. Professor Troemel deserves all the honor bestowed on him in this recent presentation because of his impact in other people's lives. When asked if he could say one thing to the readers, his response was, "I take pride in knowing that what I have instilled in so many young people will help them with their professional lives long after I am gone".



World Bank & World Development Report

By SUDHANVA V. CHAR

If you are looking for authentic data about the global economy or 133 individual country economies and territories, look no further - just reach for the World Bank Annual Report and the World Development Report 1996 and literally at your finger tips you will get all the info you need for your project report, special assignment or a real-world assignment. Needless to say that the style of exposition is elegant and simple enough for an uninitiated person to follow. And yet someone with a terminal degree in International Business Management or Economics can take delight in referring to these books. And bear in mind that there has been explosive dynamic growth in different countries and one way to capture this dynamics is to study the Reports. There are myriads of yearbooks, almanacs and sundry other publications and statistical tables crowding the book stands and the web pages respectively, but if you want the original one source which is also truly handy, you need to go for the WB Reports 1996, the flagship publications of the WB. This author, as a student of global business and economics has been referring to the Annual Reports for decades and that has been a rewarding experience.

The Bank's Report is an annual publishing event eagerly awaited by administrators from Presidents and Prime Ministers down to the humblest clerk in the Finance Departments and the Report itself is a much sought after document by businessmen, economists and managers and everybody else who has even remotely anything to do with economic growth and development. The Bank itself brings out numerous information products such as books, journals, databases on diskette and CD-ROM and full-text publications on the World Wide Web. And yet it is the Report that serves as a vade mecum reference for scholars and all others with a hunger for real-world and reliable data.

The World Bank and the International Monetary Fund are the Bretton Woods Twins established at the height of the II World War soon after representatives of 44 countries met in this small town in New Hampshire. The basic objective was one of establishing a new global monetary system and an enduring economic order. The Gold Standard had just then collapsed and memories of the 1930s Great Depression were fresh in the minds of all people. While the IMF was entrusted with the task of maintaining order in the international monetary system, with hundreds of currencies, mercurial foreign exchange markets and sensitive, sentimental and foot-loose capital funds, the major task assigned to the World Bank was one of reconstruction of war-torn economies of Europe. But the Marshall Plan arrangement for rebuilding the destroyed productive systems of Germany and other countries got organized faster and suddenly the World Bank became a grand organization in search of a worthy goal and mission. And this was a God-send to the developing countries which were becoming independent and most eager to get on the bandwagon of economic progress. Thus the World Bank started literally bank-rolling developing country economic development projects in the spheres of road construction, family planning and population control, electricity generation and transmission projects, farming, public instruction, urban development and related areas.

Four different organizations work under the umbrella of the World Bank Group: a) the International Bank for Reconstruction and Development (IBRD) b) the International Development Association c) the International Finance Corporation and d) the Multilateral Investment Guarantee Agency (MIGA). According to the 1996 Report the IBRD and the IDA currently have one goal, viz., promotion of "economic and social progress in developing nations by helping raise productivity so that their people may live a better and fuller life." (p. 6) In general the loans by the IBRD and the IDA go to public sector projects in view of the very nature of such projects. By and large borrowing countries have to prove their creditworthiness and cannot evade this criterion under their sovereignty excuses. The Group is

professedly neutral as far as the political character of a member country is concerned.

The rates of return for each project being financed should be high enough to meet benchmark levels after undertaking a most thorough and tedious cost-benefit analysis. The World Bank has not lost a penny on its lendings since 1948 thanks to the uncompromising insistence on fulfillment of this criterion. Instead it has a consistent earnings record ever since. The IBRD outsources its own lendable funds from the capital markets of Europe, Japan and of course the USA. Funds flow to the IBRD also from the central banks and top government financial institutions. The WB Group has a "solid standing" in the financial markets on account of "conservative lending policies, strong financial backing by members and prudent financial management." The other sources of lendable funds for the Group are its own equity capital subscribed to member nations, retained earnings, and also from the stream of repayments flowing in by way of repayments.

The IDA was established in 1960 principally to aid governments of poorer nations with per capita gross national product of less than \$865 (in 1994 US dollars) on softer terms and seventy nations are eligible to borrow under this criterion. Although the IDA is a separate financial and legal entity, the staff is the same as that of IBRD. While the loans are on softer terms, the evaluation criteria are the same as that of the IBRD.

The IFC, established in 1956, deals mainly with private sector projects in developing countries and it lends as well as invests in the equity of corporations. The lending rates are the same as those in the markets and there is nothing soft about them. Project risks are shared with the borrowers or co-investors. The MIGA issues guarantees to foreign investors against losses caused by non-commercial risks. The objective is one of reducing the risks in foreign investment and thereby promoting the flow of capital funds to developing countries. This is an admirable move considering the universal shortage of resources for investment aimed at achieving worthy objectives such as human capital development.

The Report consists of six sections: 1. Introduction to the WB Group 2. WB operations 3. Major WB programs during Fiscal 1996 4. Regional perspectives 5. WB Group activities and 6. WB Finances. There are seven appendices providing details of eligibility for borrowing, the WB budget, the Executives and Officers, the funding of foreign and local procurement in Fiscal 1996 and such other details.

There is another WB Development Report 1996 which provides a broad sweep of a survey of country-wise, region-wise and global economic growth and problems. The focus in the 1996 Report is on the former East European and former Soviet Union economies now undergoing a transition back to market economies after opting off from market economies in favor of controlled and planned economies during 1917 and 1950. The main finding is, in the words of the WB President James Wolfensohn, "In some of the countries undergoing transition (to market economies) there has been a short-term drop in living standards; in others human welfare has improved dramatically. Everywhere it has changed the basic economic 'rules of the game' and has irreversibly altered the relationship between people and their political and social, not to mention economic, institutions."

This is economic and social history in the making and one can miss them out only at the peril of committing serious faux pas in all business decision-making. More important is the informed forecasting of economic growth in regions and countries of the world. Other major issues plaguing the world economy such as liberalizing world trade, stabilizing growth through lowering the rates of inflation and monetary discipline, dealing with corruption, environmental concerns in economic growth and many others have also been dealt with. For a modest \$23 (paperback edition) you have a ship-load of useful economic data which you can use in your economic, marketing, finance or even statistics classes. A good bargain.

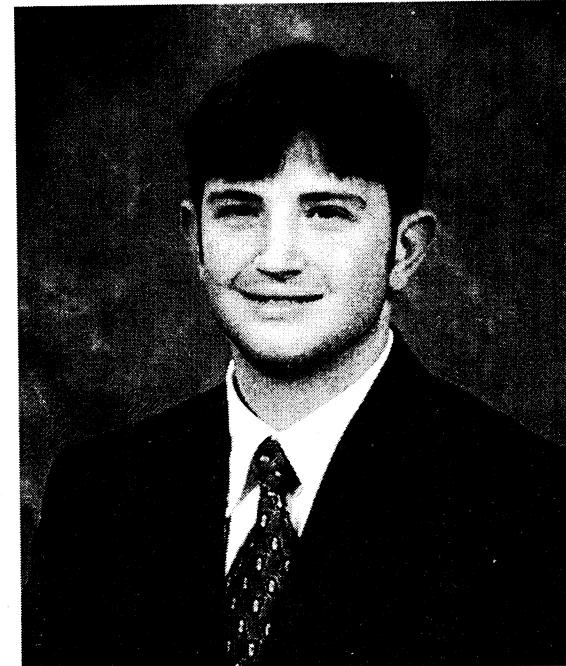
Activities & Organizations



Rosa Malave
*Ms. Southern
Polytechnic*



Joe Wyatt
*Mr. Southern
Polytechnic*

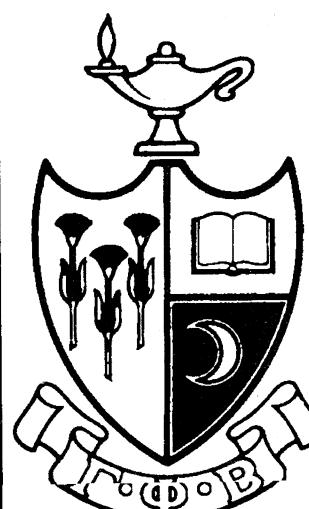


Association for Computing Machinery
the first society in computing

February meetings:

Tuesday, February 4 @ 7:30 pm
Wednesday, February 5 @ 12:00 Noon
Student Center, Room 216

Come hear about our upcoming field trip to Lucent Technologies' fiber optics plant and other interesting plans for ACM's future.



Happy Anniversary Delta Omicron Chapter! Seventeen years of Gu Fu Bu making our campus a better place to be (and we're cute, too).

First, congratulations to our newly initiated Sisters: Billy Carroll, Dixie Cordell, Christy Cundy, Nadia Halaweh, Christy Plumley, Keli Rice, and Myrna Steele. You chicks rule. Also, congrats and good luck to our new Executive Council. And, we can't forget the newest G Phi B's to be: Dion Cantrell, Jennifer Cornett, Dawn Devereaux, Alison Kaye, Siobhan Reynolds, and Ann Marie Tyson. Good job rushing, Sisters! We've got a great bunch of new ladies.

Best wishes to Missy Martin on her recent engagement. And, we can't forget to send warm fuzzies to Amy Roberts who will be representing our dearly beloved Sorority and Lorie Aldredge who will be representing InterGreek

Council for Homecoming. We love you, man (bring home a crown, bring home a crown)! Wishing everybody a Happy Lincoln's Birthday, Happy Valentine's Day, and a Happy Presidents' Day. Celebrate as you see fit. Love in RIKE, THE HIL #146

Students Benefit from Center for Quality Excellence, TQM

CQE Helps Students

Save money? Network? Learn valuable total quality management principles? You've got to be kidding. Who wants to do that? Southern Polytechnic students interested in making sure they are at the top of recruiters' lists do, and the Center for Quality Excellence enables them to take advantage of all three items through its leadership seminars.

Established in 1991, CQE is a full-service information, training and development resource center in total quality leadership. The nonprofit center is a privately funded educational organization affiliated with the university. Southern Polytechnic faculty and external consultants lead the seminars, which are held on the university campus and in other areas. Consultants have an in-depth knowledge of their subject matter and have consulted in that area.

CQE's mission, in partnership with business, industry, government agencies and educational institutions, is "to be recognized as the premier organization for providing leadership and resources that foster continuous improvement driven by customer satisfaction," Dr. Gloria J. Pursell, CQE director, said.

Some things CQE students learn are problem-solving skills, leadership development, team building, ISO 9000 and ISO 14000 international standards, and facilitator training, Dr. Pursell said.

Unlike business professionals attending one of CQE's seminars, current

I of 3

Southern Polytechnic students may participate in the programs at greatly reduced prices. Seminars cost students \$25 per day. For instance, a student may attend the Feb. 24-25 Continuous Improvement Tools: Solve Problems and Reduce Waste seminar for \$50. That same seminar costs others \$500.

Why TQM?

"TQM is becoming one of the critical entry-level foundational skills for employment," Dr. Pursell stated. It is probably as critical a knowledge base as any technical skill or other foundational skill, such as computers or communications, she added. "Employers expect employees to come in knowing what total quality management is, how it operates in companies, what the problem-solving and continuous improvement tools are, how to apply them and how to be a good team player," she said. If a student is not studying TQM in their curriculum, they need to make sure they acquire the knowledge on their own, Dr. Pursell stressed. If graduates do not have TQM skills, they're going to be at a real disadvantage in the interview process and in getting a job, she stated. According to Dr. Pursell, the reason TQM is an important foundational skill is because "a

lot of it boils down to having the knowledge to solve problems, and knowing how to work effectively as a team leader and to think creatively and innovatively so they can continually improve products and services in their company."

Networking

A CQE seminar is also the place you need to be if you want to meet and network with individuals from top companies. Individuals from seven states surrounding Georgia attend CQE seminars. Past customers include:

- AT&T
- BellSouth Telecom
- DuPont
- Equifax
- GE Motors
- Georgia Pacific
- Lockheed Martin Aeronautical Systems
- M&M Mars
- Boeing
- Scientific Atlanta
- Shaw Industries
- Tennessee Valley Authority
- The Coca Cola Company
- U.S. Food & Drug Administration

Future seminars

In addition to the Feb. 24-25 program, upcoming seminars students may take advantage of are Creativity: Thinking Outside the Box on March 12, Facilitator Training March 19-21, Personal Quality/Self Leadership on March 25, Theory of Constraints on April 17, SPC (Statistical Process Control) April 23-25 and Design of Experiments May 14-16.

Students may also attend a three-day workshop, Leadership Training for Managers, May 12-14 or a five-day workshop, Team Leader Training: How to Build High Performance Teams, April 14-18 at \$25 per day for the seminar, plus a nominal fee for lodging. Both workshops are held at Montara Farm in Gainesville. The fee includes training, manuals, assessments, lodging, meals, activities and shuttle bus.

ISO seminars and the "Quality Manager" Certificate Program are not discounted by CQE.

The only requirement of students attending a seminar is that the individual must commit to the workshop's full schedule.

For more information, stop by the CQE office in the Apparel and Textile Building, call 770/528-7417 or contact:

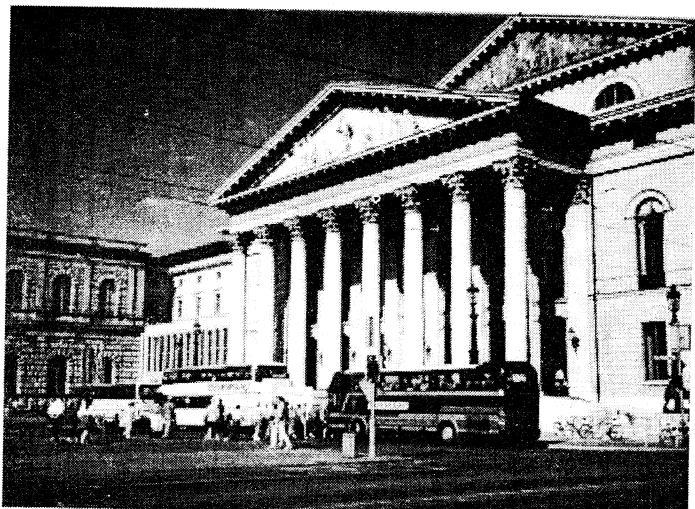
Ann Watson or Danise Jones, (770) 528-7222
E-mail: awatson@spsu.edu or djones2@spsu.edu

The Travel Log

Traveling In and Around Munich

By HELEN SPIVAK

*A*s I contemplated leaving Magdeburg, I was filled with both fear and excitement. I was a little afraid, because I was leaving the only place I had ever been outside of the United States, but I was excited, because I felt the world was there waiting for me to discover it, and my place in it. I was also a little afraid because I was going to be totally alone in strange places, but that was also exciting in its own way.



Early on the morning of the 20 of July, Meinolph and Liane (two friends from the fachschule) came to the hotel to take me to the train station. They helped me load my things, and when we got to the train station, they stayed with me until the train came, and then waited where I could see them from the window as the train pulled away. We were all sad to be parting because we had become close during those weeks.

The trains in Germany are almost always on time, giving credence to the expression, "The train does not wait." This one left at 7:14 in the morning, which didn't seem quite as early as it would here because the summer sun comes up at about 4:00 AM. It takes about 7 hours to get to Munich from there on the ICE train, so it was about

2:00 in the afternoon when I arrived there. The trains are very nice, especially the ICE trains and the various special trains, like the Thalys. The Inter City Express trains have meal service for the long journeys, although it is expensive. As elsewhere in Europe, water is not free, so travelers have to carry enough for the journey, or pay the train prices. It costs close to \$3.00 for a small bottle on the train, so it pays to plan well.

The afternoon in Munich was hotter than in Magdeburg, and after the long journey I felt hot and sticky. I was a little more tired than I expected to be, but still excited to see the city. Part of my father's family was from Bavaria, including the uncle that we all lived with until I was three. Of course, I don't have clear memories of him, but I do remember the stories my father used to tell that his grandfather had told him. There was also the feeling of seeing a place where ideas grew to become historically significant to the whole world, and wanting to see what engendered them. I had heard about the architecture of Munich, but didn't have a clear idea of what I would find there. I got a timetable for the busses, and decided which one to take to arrive at the city center. I was surprised by what I found there.

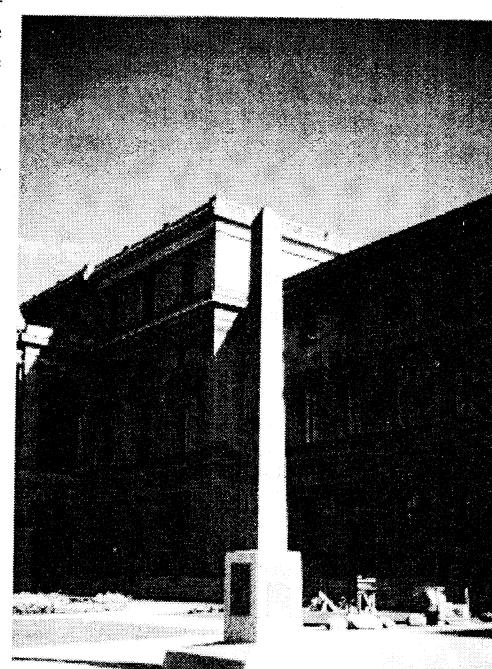
When I got off the bus, I was at an open square, but a smaller one than I would have supposed for the size of the buildings around it. On the far side of the square was a building (I think some sort of governmental office) that looked like a Roman building with Corinthian columns and 2 friezes, one with carved marble and the other done in mosaic work. The building next to it was very long and large, and gave the feeling of being crowded into the space. It also seemed to be from a different time and place than where it was. I found out later that it was a copy of one of the

Italian palaces. I walked down the street towards the next open marketplatz, and saw buildings that looked more in keeping with their surroundings. At the end of the left side of the street was a strange-looking arch and column which aroused my curiosity. As I walked towards it, on the right side of the street was a large bronze lion on a pedestal. I walked on, and arrived at the second marketplatz (or square) and saw the building from the front. It was like a giant canopy with three arches covering three statues, each one of them centered in an arch. It seemed like a smaller copy of a larger building, which I found out later it was. In the courtyard was a series of modern art constructions. Upon closer inspection, it was a series of bathtubs set on end, and arranged in circles. There were no signs in any language that I could find to tell me what it was, or what the significance was.

I walked further, still trying to find the Munich I had heard about: The place with warm people, cold beer, and good times. I walked down a path by a long building with an obelisk in the front. The building (which I later found out was the Palace of the Koenigs [or kings]) had a series of statues across the top, with lions on either end. It also had massive arches on the lower level, and ionic columns under the statues. Across the path from the palace was a garden with a gazebo, and I walked there to find a bit of relief. The gazebo was decorated with mosaics made from shells, and under it a street singer played the guitar and sang for coins. I thought that I had seen

most of Munich, and it had set my teeth on edge. The day was hot, and the sunlight was glaring, and all the buildings seemed too large and set at odd angles to each other. It all made me feel uncomfortable, and made me wonder whether I had made the right decision to travel by myself. In a moment, all that changed.

Just after I took my last picture, I saw someone else taking a picture from another angle. I walked around behind him, and looked at a view of the twin domes that I found out later are the signature of the city. I don't remember which one of us spoke first, but after a slow start to the conversation, the gentleman asked if I would like to see more of the city. Thinking it was no different than a tour, except I would get personal attention and could take it at my own pace, I said, "Of course, thank you." His English was little better than my German, so we defaulted to French when neither language was sufficient. He explained that the lion had a reputation of bringing



ing a lifetime of good luck to anyone who petted the paw, so we walked there, and I did. He took me then to the famous Hofbrau, but told me that only tourists actually ate and drank there. After that, he took me to a restaurant that was just the same as it had been 700 years ago, and told me that is where the locals spent their time. I had a wonderful time, and he escorted me back to the train station and even loaded my bags on the train. I left Munich with virtue and money intact, and with unforgettable memories of the first day of my further adventures.

Food Service Survey

Food (overall)

- *Taste
- *Temperature
- *Variety

Service (overall)

- *Attitude
- *Speed

Comments:

Excellent	Good	Average	Poor
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DROP YOUR COMMENTS IN THE BOX OUTSIDE THE STING OFFICE. RESULTS WILL BE PUBLISHED NEXT ISSUE.



ARTS & ENT

WGHR FM 102.5

The Matt Column

By MATT THOMAS

Let me start off by saying that Danzig rocked....Corrosion of Conformity rocked.....Vision of Disorder and Earth Crisis fell through—"AAAAAAAAHHHHHHHHHHHHH"—maybe next time. I have heard an advance copy of three new songs from Sick of it All, it is nothing different from what you would expect from S.O.I.A., except maybe even better, this one is going to be a hardcore masterpiece. And speaking of masterpieces, the new Guilt is simply amazing. For the people who got caught up in the musical phenomenon of Neurosis' "Through Silver In Blood" in 1996, you will definitely love the phenomenon of 1997—Guilt's farewell EP "Further". All six songs are "Untitled". The first track is an instrumental with mostly deep drums and a pounding, heartbeat-changing bass line..with the emergence of the guitar at the end. The next four tracks are hardcore brilliance. The final track is somewhat of a fitting farewell.....a solemn, mystical piano piece representing the final era of Guilt. This release is on the "never cease to amaze me label", Victory records.

Now for my next order of business....the world of death metal. This is for the people who like music with sick, possessed lyrics. This is scary stuff!!! I'm talking about the new Mortician (Relapse)

and the new Broken Hope (Metal Blade). Mortician sings (or roars) way too much about maggots, cutting people up, and making furniture out of bones...listen to this at your own risk. The new Broken Hope is practically a carbon copy of Cannibal Corpse....need I say more. For Broken Hope—I recommend the track entitled "Siamese Screams" (eat your heart out Smashing Pumpkins...if not ...these guys will!!) Also, Napalm Death and the hardcore band Coalesce, have teamed up to do a rare split CD together—and it rocks hard, definitely check it out, it's on Earache Records. For the faint of heart...that is exactly what this disc will give you....an Earache, among other things.

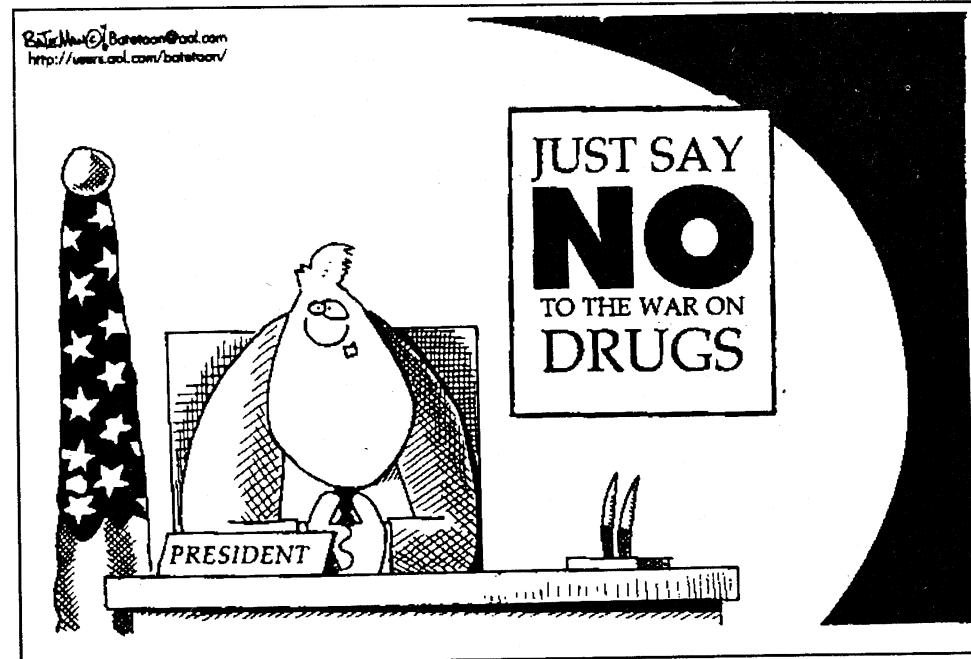
Well, well, well—I guess that's all for right now...see I promised the next column would be more about the music and less about me...Anyway, it's time to let you know what will be coming out in the near future. Look for new releases from Strife, Snapcase, Integrity, By the Grace of God, Dogma, Helmet, Handsome, and many others. Stay tuned to my column for updates...or better yet...stop by the station and talk to me!!!! Remember kiddies—my top notched, grammy nominated, world renowned show is on Tuesday nights from 8-11P.M.(I'm full of it, I know). Be sure to check it out. Until next time, take care and happy listening!!!!

BEYOND FAILURE

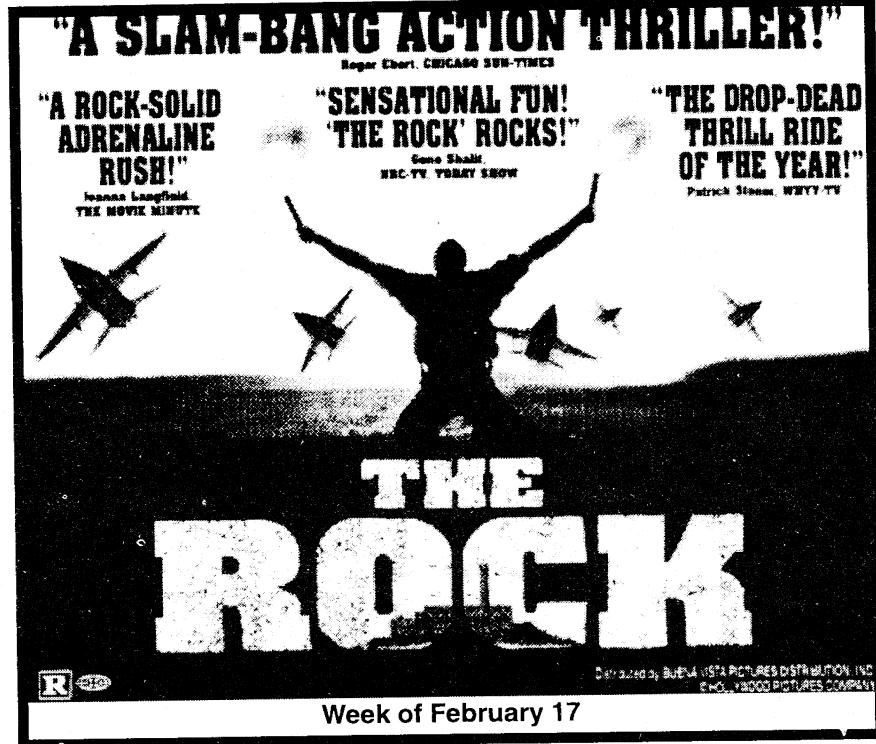
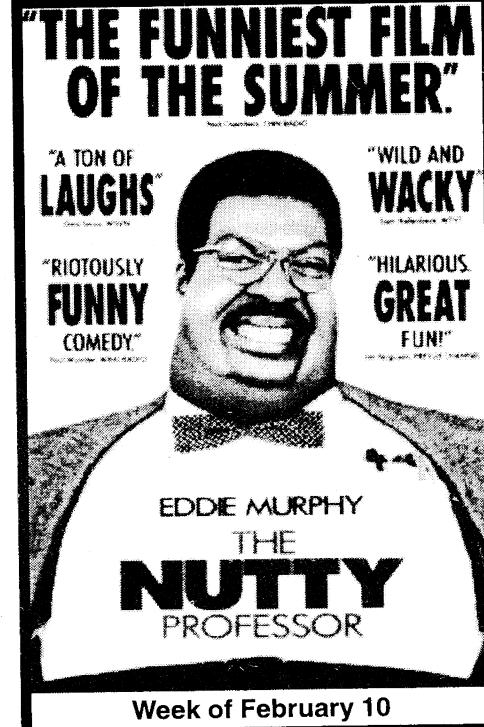
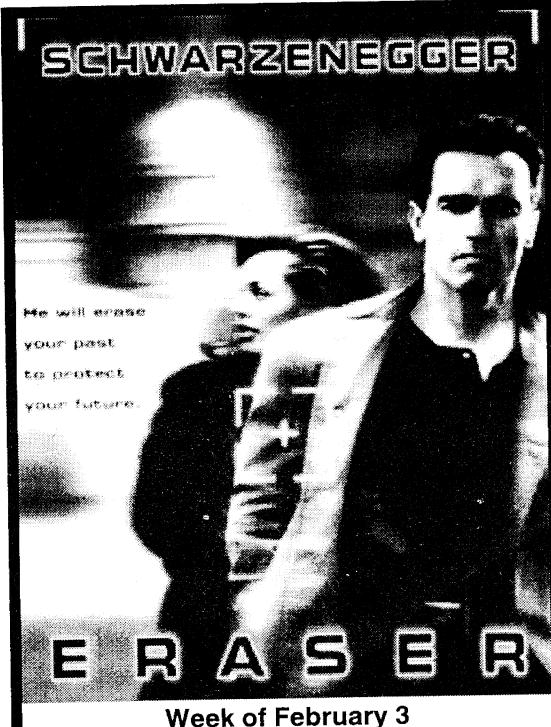


Radio Personalities

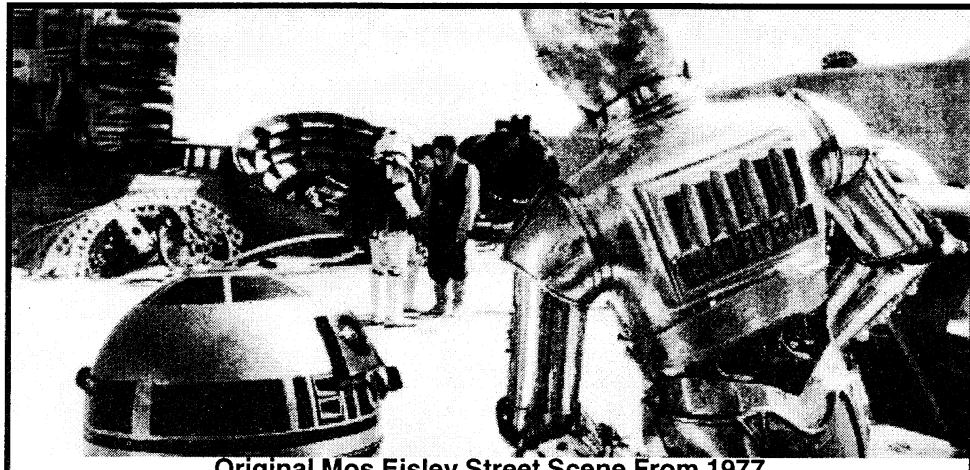
6a	mon	tue	wed	thu	friday	saturday	sunday
7a							
8a	BRIAN	AND	THE	BAD	SEED		
9a	retro remix	STRANGE...	retro remix	...NOISES?	retro remix		
10a	Brady	the ZOO	Brady	the ZOO	Brady	Diva	
11a	✓ ↓ ◁	✓ ↓ ◁	✓ ↓ ◁	✓ ↓ ◁	✓ ↓ ◁	LaRee	
12n	CHELLE	NOISE!	CHELLE	NOISE!	CHELLE	bob	spin college radio the big backyard
1p	Professor	Southern Poly Rednecks	Professor	Southern Poly Rednecks	Professor	gibby	
2p	Guy	Space. Shy. them. Clarity	Guy	Space. Shy. them. Clarity	Guy	knooptime	
3p	The "R" Show	Space. Shy. them. Clarity	The "R" Show	Space. Shy. them. Clarity	The "R" Show	Soft Rock	
4p	SAX & JAZZ	pot luck dinner	SAX & JAZZ	pot luck dinner	pot luck dinner	dj	
5p						k.c.	
6p						I LIKE MIKE	
7p						SLUDGE	
8p	INDUSTRIAL POLLUTION	✓ ↑ ◁	One Little Girl and Boy	supersonic	supersonic	Hornets Basketball	
9p	PHUGE BOX	✓ ↓ ◁	PIPER	PAUL'S		various states	
10p		✓ ↓ ◁	SLUDGE	BOUTIQUE	Cure for Insomnia	the Mouse Vibes Show	
11p	groove blender	✓ ↓ ◁	liquid groove d.j. of the week				
12m							
1a							
2a							
3a							
4a							
5a							



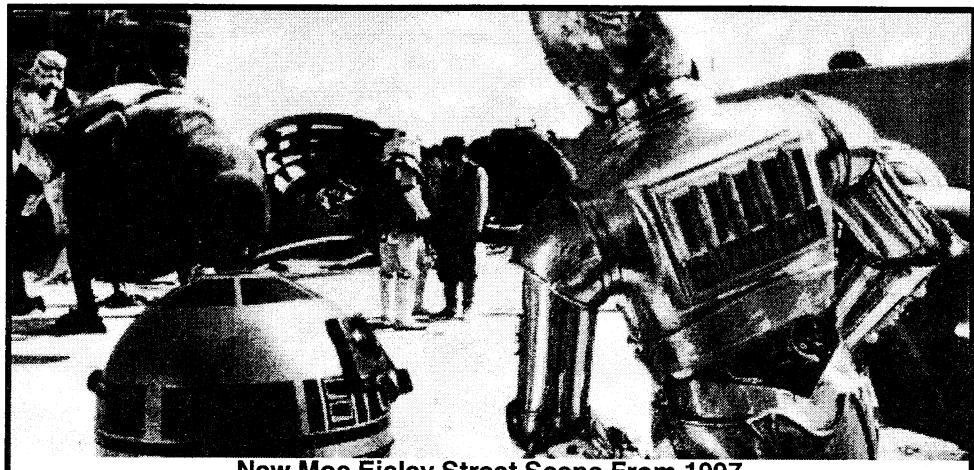
Now Showing in the Student Center Lower Level



ENTERTAINMENT



Original Mos Eisley Street Scene From 1977



New Mos Eisley Street Scene From 1997

Cosmic Beginnings: Star Wars Reborn

By BRETT BENEDETTI

"Use the force Luke," is the phrase synonymous with the timeless movie, Star Wars. Most of us grew up with Star Wars and its genre and only experienced it on the big screen once or twice. Unfortunately, it was never shown on the big screen again and the only way to experience Star Wars for the past 13 or so years was on the TV set; later generations missed the boat to see it on the big screen. But now Star Wars is back to the big screen in a new special edition. The whole cast is back: Han Solo, Luke Skywalker, Leia,

Darth Vader, Ben Kenobi, Chewbacca, C3PO, R2-D2, and a few new characters edited out of the original, such as Jabba the Hutt and everyone's favorite bounty hunter.

When I went, the theater was packed - you could feel the anticipation in the air as the crowd waited for Star Wars to begin. And when it did, the whole audience cheered. AWESOME barely describes the movie. The sound alone will blow you away. The sound has been remastered in THX Digital. You can hear a Tie fighter fly overhead, to the right, or to the left of you. The explosions shook the theater as it permeated all around. Old

scenes have been redone with computers and digitally-created add ins and touch ups. One example is when Han Solo is chasing storm troopers in the Death Star. The old version of the movie had it where as Han turns the corner, the troopers had organized a counter offensive. But in the new version Han turns the corner and into a room with 30-40 storm troopers.

Young and old alike will thoroughly enjoy Star Wars. Even if you've seen it a thousand times on TV, it will be like watching Star Wars for the first time. Star Wars is without doubt a winner.



Mother, Oh Mother!

By RAY SMITH

After an absence of over a decade from the big screen, Debbie Reynolds (Carrie Fisher's mom) makes a tremendous return. She is no longer the button nose kid of those 1950's musicals, but a mature woman of sixty, which is just what she plays. I was all set to hate this film and give one of my usual trash reviews, but I loved every moment. Ms. Reynolds, hopefully, will be nominated for an Oscar in '97.



This is a simple mother and son story. Albert Brooks plays John Henderson. John is a successful writer, but a miserable person. He's been divorced twice and has never had a successful relationship. He decides to move back in with his mother (Debbie Reynolds). Their relationship is strained and complicated. He feels that she loved his other brother more and she

thinks he has gone off the deep end. The film is heart warming and incredibly funny.

This film is for anyone who doesn't understand their mother. The film will give you

insights into your relationship and how the person who raised you really ticks. Debbie Reynolds is roughly the same age as my mother. The characterization of Beatrice could have been based upon her. Beatrice is a person who buys no name brand products and buys in large quantities because she believes there is no difference.

Her son points out the differences. In the mean time, Beatrice points out his faults at every turn to the extent that John loses it; consequently, both characters grow from the confrontation. Love conquers all and the film is delivered with a nice big bow and a card reading, "You can go home again".

MATH STINGER

By DR. JOEL C. FOWLER

Associate Professor of Mathematics

The puzzle from last issue concerned three cars racing some number of laps on a track. At the instant the winner crosses the finish line the other two cars cross the same point on the track as well. The car coming in second then completes the race in one more lap. The car coming in third completes the race in one more lap after that. The winner's speed was 101 mph and the other two speeds are integers. The puzzle was to determine the speeds of the other two cars and the number of laps in the race. The answer is 101 laps with the other two cars having speeds of 100 and 99 mph. Correct answers were received from Leo Kent, Peymaneh Pournaghshband, and Michael Harris.

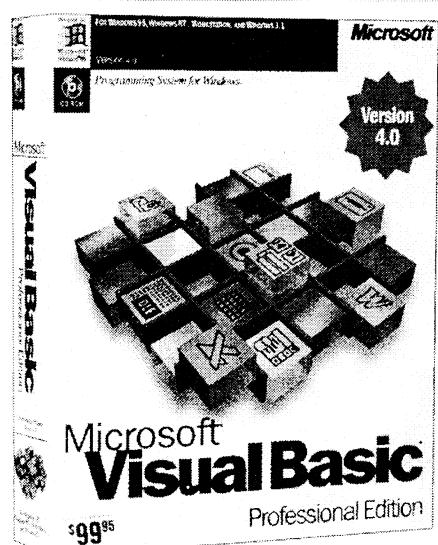
The puzzle for this issue involves the number of digits (0-9) used in writing down every integer from 1 through N, where N has m digits. For example, if N=23 then m=2 and it can be verified (by writing them all out) that 37 digits are needed to write the numbers from 1 through 23. The puzzle is to find a short formula in terms of N and m that gives the number of digits used in general.

After solving you may want to generalize the puzzle and find a formula (using M, m, and k) for the number of "digits" used in writing all numbers from 1 through N base k where N has m digits when written base k. Assume that k is an integer greater than 1 and that numbers base k are written with k distinct "digit" symbols.

MATH STINGER IS NOW ON THE WEB. The current Stinger as well as over 80 past Stingers can be found on the Mathematics Department page on the Southern Polytechnic State University page. Check it out!!

Answers should be sent, via conventional methods or e-mail (jfowler@st6000.spsu.edu), to Joel Fowler in the Mathematics Department. Correct answers and the names of the first to find them will be printed in the next issue of the Stinger.

Campus News



MICROSOFT VISUAL BASIC
Microsoft

Here it is: the fastest, easiest, most powerful way to create better solutions for Win 95 and Win NT. Visual Basic offers you the best of two worlds: you can maintain users of Win 3.x while you move development efforts to Win 95 and Win NT. Includes updated database and applications language engines, plus complete ActiveX support that lets you plug in pre-built solutions from the world's largest object library.

*Minimum System Requirements-- WIN: Windows 3.1, 80386, 4 MB RAM
WIN 95: Windows 95, 80386/25, 6 MB RAM WIN NT: Windows NT, 80386/25, 16 MB RAM*

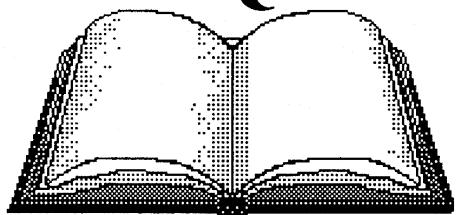
NO PURCHASE NECESSARY TO ENTER DRAWING. ONE ENTRY
PER PERSON. MUST BE A CURRENTLY ENROLLED STUDENT
IN A CREDITED COURSE(S) TO QUALIFY. PROOF OF ELIGIBILITY
WILL BE VERIFIED AT TIME OF DRAWING, WHICH WILL BE ON

FEBRUARY 14, 1997 AT 3:00 P.M.

**OOPS! Here are the
correct library hours**

LIBRARY HOURS

Winter Quarter



Mondays 8:00 a.m. to 10:00 p.m.

Tuesdays 8:00 a.m. to 10:00 p.m.

Wednesdays 8:00 a.m. to 10:00 p.m.

Thursdays 8:00 a.m. to 10:00 p.m.

Fridays 8:00 a.m. to 6:00 p.m.

Saturday Hours

11 a.m. to 6 p.m.

Sunday Hours

2 p.m. to 9 p.m.

Finals Hours

Monday, Mar. 17 8:00 a.m. to 11:00 p.m.

Tuesday, Mar. 18 8:00 a.m. to 11:00 p.m.

Friday, Mar. 21 8:00 a.m. to 6:00 p.m.

Please clip this out and keep for future reference.

Financial Aid Workshops

Wednesday	Feb 12	1:00 PM	Bldg. H-262 Computer Lab
Wednesday	Feb 26	6:00 PM	Bldg. H-262 Computer Lab
		(Entering Freshmen Only for 2/26 Workshop)	
Tuesday	March 12	4:00 PM	Bldg. H-262 Computer Lab
Wednesday	March 26	4:00 PM	Bldg. H-262 Computer Lab
Thursday	April 10	9:00 AM	Bldg. H-262 Computer Lab
Wednesday	April 16	6:00 PM	Bldg. H-262 Computer Lab

Materials Needed: 1996 Federal Tax Statements (Parents & Students), Calculator, Blue or Black Pens, and a 3.5" Formatted Diskette
More Info? Contact Kimberly Shingles in the *Office of Scholarships and Financial Aid* (770) 528-7290

Fiction Writing Class

Now you can write fiction in class...
and get away with it!

**Writing Fiction
English 394-01
Tuesdays 2-5:30
Dr. Robert Hill**

Sign-up for Spring Quarter*

*Limited to the first 20 students
Questions? Call 528-7202

SPSU Photo IDs

All students who have not been issued picture ID cards will be allowed to take photographs for the issuance of these ID's beginning Monday, January 27th through Friday, February 14, 1997. The schedule for taking ID photos is as follows: TIME: 9:00 AM to 6:00 PM

<u>Day</u>	<u>Date</u>	<u>Last Name Begins With</u>
Tuesday	2/04	H
Wednesday	2/05	I, J, & K
Thursday	2/06	L
Friday	2/07	M
Monday	2/10	N & O
Tuesday	2/11	P, Q, & R
Wednesday	2/12	S
Thursday	2/13	T, U, & V
Friday	2/14	W, X, Y, & Z

You must bring some form of ID with you to be issued an ID card. No ID = no card. Special arrangements must be made if all dates are missed.

MORE CAMPUS NEWS...

Amer. Assoc. Of University Women

APPLICATION FOR SCHOLARSHIP Spring 1997

To promote equity for women, education and self-development over the life span, and positive societal change.

Application Requirements: Female, returning student at Kennesaw State University or Southern Polytechnic State University -GPA 3.0 to 4; restarted college after a significant interruption; junior or senior status as of Fall 1997.

Application Packet Checklist: Application form; official transcript; a letter(s) of recommendation from an advisor, professor or employer; biographical essay (500 words or less), to include: A brief background of yourself and your experience, how and why your education was interrupted, what prompted you to return to college, career and educational goals and objectives, any honors or awards received, school or community activities.

Award: Two \$500 scholarships will be awarded, with funds to be available at the college Financial Aid Office for Fall 1997. Recipient will be notified no later than June 1, 1997.

Due Date: Application for scholarship must be received by American Association of University Women, Cobb County Branch, no later than May 1, 1997. Application Packets to be sent to: Christine Hicks, 1535 Blackwell Road, Marietta, GA 30066. For questions call Christine Hicks (971-6714) or Pam Manion (977-6987). *The Scholarship Committee will review all applications received by the deadline and contact finalists for personal interviews. All interviewed applicants will be notified of the Committee's final decision prior to awarding the scholarships in June.*

Georgia Law Desk & New Signs

Georgia Law Desk is a new service in the Southern Polytechnic Library, which combines Georgia court cases, the Georgia Code Annotated, and the U.S. Code Annotated. Hypertext links allow you to access cited sources instantly throughout the extensive library of materials. In addition to case law and the annotated codes, it also includes Georgia agency rules and regulations. Georgia Law Desk is a replacement for Georgia Law on Disk. It offers fuller coverage and an easier interface than its predecessor. Students will find it much easier to find and print information from the Georgia code and case law.

The new red signs in the library have been installed to provide locator symbols for patrons. The circulation desk is so labeled. The Microforms Room contains the Electronic Gallery and the sign above the Reference desk simply says, "Ask".

GYSTC: March 1 Science Olympiad Volunteers Needed

The Georgia Youth Science and Technology Centers needs you.

Whether you're a member of the Southern Polytechnic State University student body, faculty or staff, GYSTC needs you to volunteer to help make the Saturday, March 1, Regional High School Science Olympiad a success. This regional Science Olympiad, sponsored by GYSTC and the university, will take place in various buildings throughout campus.

Approximately 350 students from 22 area high schools will converge on the campus to compete in 22 Science Olympiad events. Two or three team coaches will also arrive with each school. Registration begins at 7:30 a.m., with the actual event starting at 8:30 a.m. and ending at 3:20 p.m. A 4 p.m. awards ceremony will be held in the theater.

GYSTC will need volunteers throughout the day to do any number of tasks. "There can never be too many volunteers for an event this size," Kay Marshall, GYSTC director of programs and curriculum and Science Olympiad organizer, said.

"There are just a thousand different things to be done. There's always something for volunteers to do," Marshall said.

Two faculty members coordinate each of the 22 Olympiad events, while two students assist them. Volunteers are also needed to serve:

at the device check-in area in the hospitality room as troubleshooters; as score runners; as information table representatives; as registration representatives; as score checkers.

Although Marshall stressed the need for volunteers during the event, she also emphasized the need for volunteers before and after the Science Olympiad to help with clerical duties.

Olympiad events are rigorous academic interscholastic competitions devoted to increasing student interest in science and providing recognition for outstanding student achievement in science.

Each school's 15-member team will participate in 22 events with each member competing in several of them. Many of the events are hands-on and require constructing something prior to or during the competition. They require students to demonstrate their knowledge of science facts, concepts, processes, skills and applications.

Well-balanced between the various science disciplines of biology, earth science, chemistry, physics, computers and technology, events follow the formats of popular board games, TV shows and athletic games. A Bridge Building Contest has students designing and building the lightest bridge capable of supporting a given load over a given span using a given material. The bridge must have an unobstructed level roadway capable of allowing a wheeled toy car to pass over its entire length.

In Mission Possible, the students design, build, test and document a "Rube Goldberg-like Device." The device incorporates many Action Transfers using up to five Energy forms to accomplish a specific task in a specific amount of time.

The winning Regional High School Science Olympiad team will advance to the upcoming state competition.

Anyone interested in volunteering with these contests, any of the other 20 events, or before or after the Science Olympiad should contact Kay Marshall at 528-4952 or visit GYSTC.

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Hope Scholarship Program 1996-97

Enrollment

1. You must be enrolled in a degree seeking program at a branch of the University System of Georgia or a branch of the Georgia Department of Technical and Adult Education, or an eligible private college or university in Georgia.

2. There is no minimum number of hours per quarter of enrollment required for eligibility at a public institution. Students attending private college and universities must be enrolled full-time (12 hours).

Credit Hours and HOPE Cumulative Grade Average

1. Students who are eligible to receive HOPE as entering Freshmen may receive payment through the term that they have attempted (not earned) at least 45 quarter or 30 semester hours. All attempted hours and corresponding grades as shown on official transcripts are counted toward the HOPE cumulative grade average, including remedial study. Additionally, withdrawals are generally counted as attempted hours, even if there is no academic penalty. Please check with your academic advisor and financial aid advisor before making a withdrawal decision. Any credit hours attempted or earned before high school graduation and hours exempted by examination do not count as hours attempted and are not included when calculating the HOPE cumulative grade point average.

2. If you have earned a cumulative grade average of at least a 3.0 by the end of the term you attempted at least 45 quarter or 30 semester hours, you may receive payment for 46 through 90 quarter hours attempted or 31 through 60 semester hours. The grade average is based on all college credit hours attempted after high school graduation.

3. If you have earned a 3.0 by the end of the term you attempted 90 quarter hours or 60 semester hours, you may receive payment for 91 through 135 quarter hours, or 61 through 90 semester hours.

4. If you have earned a 3.0 by the end of the term you attempted 135 quarter hours or 90 semester hours, you may receive payment for 136 through 190 quarter hours or 91 through 127 semester hours.

5. If you are enrolled in a specific undergraduate degree program which is designed to be a five year program, you may be eligible for a total of 225 quarter hours or 150 semester hours attempted or the number of hours required by the program, whichever is less.

School Transfers

1. HOPE Scholarship recipients transferring from one HOPE eligible Georgia institution to another eligible Georgia institution are eligible for HOPE funds if they continue to meet all eligibility requirements. Any credit hours attempted or earned before high school graduation, hours exempted by examination and their corresponding grades are not counted for purposes of HOPE.

2. All college credit hours attempted and corresponding grades are counted toward the HOPE cumulative grade average, regardless of whether or not those hours or grades are accepted by the new institution.

Payment

1. The HOPE Scholarship at a public institution covers your actual tuition charges and mandatory fees charged to all students at your institution that are not covered by the Federal Pell Grant, Supplemental Educational Opportunity Grant, and Job Training Partnership Act.

2. You are also eligible for a book and supplies allowance at a public institution. The award is \$100 per quarter if you are enrolled for 6 or more hours. If you are enrolled for less than 6 hours, the allowance is \$50 per quarter. You are eligible for the book allowance regardless of any other financial aid you are receiving, including Pell, SEOG and JTPA.

3. The HOPE Scholarship award at a private college is \$3,000 per academic year. The award amount may be reduced if HOPE, plus the Georgia Tuition Equalization Grant, plus Federal grants exceeds the tuition and fees.

Satisfactory Academic Progress

In order to receive payment each school term, you must be making Satisfactory Academic Progress as determined by your institution.

Default and Refund Due

In order to receive payment each term, you must not be in default or owe a refund on any Federal or State student loan, grant or scholarship.

Second Chance Opportunity

HOPE is a reward for scholastic achievement and an incentive to continue working hard in school. If after attempting 45 quarter hours or 30 semester hours you fall below a 3.0, you may continue your sophomore year at your own expense. If you then earn a cumulative 3.0 grade average at the end of your sophomore year (after 90 quarter hours or 60 semester hours), you will be given a second chance to receive a HOPE scholarship for your junior year with the opportunity to renew the scholarship for your senior year. However, if you do not earn a cumulative 3.0 grade average at the end of your sophomore year (after 90 quarter or 60 semester hours), you cannot renew or regain the scholarship.

Non-Traditional Students

If you graduate from high school prior to the establishment of the HOPE program in 1993, or if you are not academically eligible for a HOPE scholarship immediately after high school graduation, you may be eligible for a HOPE scholarship at a public institution after attempting 90 quarter hours of study, if you obtain a cumulative 3.0 grade average for your first two years of study.

To Reapply for HOPE

1. To reapply each year for the HOPE Scholarship at a public institution you must complete a Free Application for Federal Student Aid (FAFSA) or the HOPE Alternate Application for the award year for which you are applying. Private college students must complete the Georgia Tuition Equalization Grant application. Apply early each Spring since this process can take up to two months.

2. The postsecondary institution you are attending may also require that you complete the institution's application for financial aid. Each institution will have an application deadline date. Check with your Financial Aid Office.

For more information call: In metro Atlanta (770) 414-3085 or Toll Free 1-800-546-HOPE.

Valentine Balloons

Student volunteers are needed by the Development and University Relations Office to deliver Thank You Valentine's Balloons to Faculty and Staff donors to the Annual Fund.

Please contact Sheryl Manley (-7307) if you would like to help say thank you!



Cartoon by Wade "Woody" Woodward, '50



1 ON 1 with Chris Sears

Ken Wiggins

Starting Pitcher For SPSU Baseball!



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Southern Polytechnic Sports

One on One with Ken Wiggins

By CHRIS SEARS

Ken Wiggins is returning for his fourth year of baseball at Southern Polytechnic State University. Ken is a starting pitcher for the Hornets and has been for the previous three years at SPSU. He was born in Stone Mountain, Georgia in 1974 and started to play baseball at the age of seven. He has lived his entire life in the Atlanta area and is planning to get a degree in Environmental Development. Ken played high school ball at Saint Pius X and was a starter for the varsity team for his junior and senior years. In his senior year Ken threw **TWO** consecutive **NO HITTERS**. His record for the year was 7-2 with an ERA of 1.14 which placed him third in all of Dekalb County.

After high school Ken came to SPSU with high hopes and got off to a great start to his Hornet Career. He started his freshman year 5-0 with a 0.51 ERA. Then the rigors of the Environmental Development program came into full effect. Ken said it was really hard to stay up all night in studio and

then practice all day. He finished the year at 6-4 with 2.32 ERA and a valuable lesson that being a collegiate athlete is tough, especially at SPSU. Coming into his sophomore year Ken once again had high expectations. Unfortunately, he was hit with the "sophomore jinx" and his season record was only 3-2 with a 7.7 ERA. There were many games that year where he just put to much pressure on himself.

Ken's third year as a starting pitcher was even more frustrating than his sophomore year. He pitched well and had a 2.89 ERA, but finished up with a 3-4 record due to some bad luck and a lack of consistent run support. There were bright spots to his first three years as a Hornet pitcher. Ken won Coach Lumsden's 500 career victory by pitching a 2-0 shutout against Georgia Southwestern and each year the Hornets made the Region Tournament.

This could prove to be a great year for Hornets baseball and Ken. He is ready to play and believes that with the improvements the team is making in hitting with assistant coach Alexander the team can make the NAIA World Series.

Intramural Volleyball Serves it Up

By CHRIS SEARS

Along with basketball, the intramural department is running a volleyball league as well. There is one Division with five teams. Play started two weeks ago with the two matches being played. The five teams playing are the Sigma Nu Knights, Sigma Pi's, Mislead, TKE's, and Intestinal Disfotitude who definitely wins the creative name award. The first match was between Intestinal Disfotitude and the Mislead. The Intestines won 15-9 and 15-5. Next the Sigma Pi's

Southern Polytechnic State University

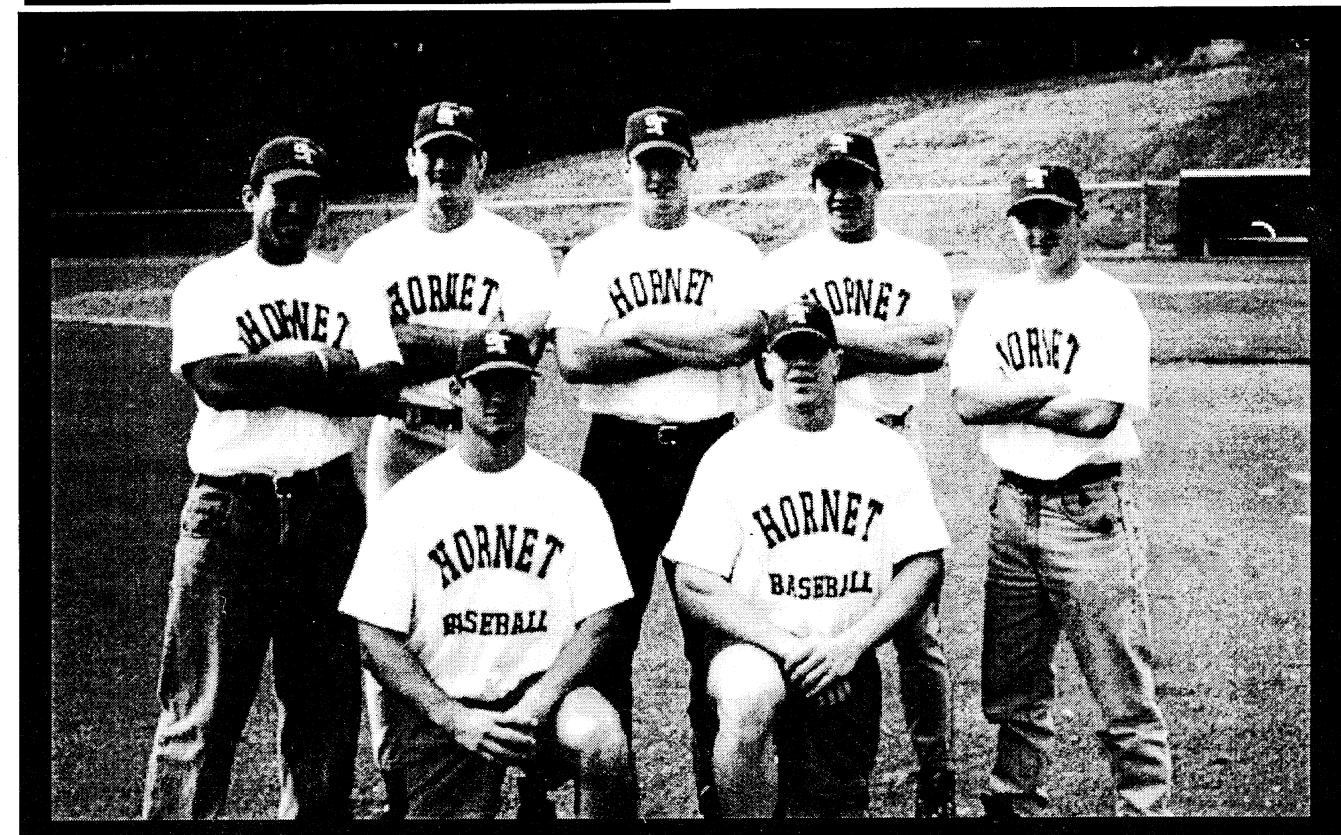
Baseballs Returning Seniors

Back row (L-R) : Martin Maldonado, Ken Wiggins, David Douglas, Richard Zonjic, & David Carol. **Front row:** Michale Roberson & Todd Hewit. **Not pictured:** John Arnold, David Stone, & Jason Cheatham.

Southern Poly Baseball Season

By CHRIS SEARS

The Southern Polytechnic Hornets are ready to play some ball and this year's team looks to be really competitive. Building on last years success the Hornets are ready to challenge for the Georgia Athletic Conference title. The hornets return ten seniors this year, the most ever for a returning Hornet squad. Pitching and defense will be the strengths of the team. Coach Lumsden is hoping that his dominating pitching staff will again lead the conference in team ERA and maybe some others statistics as well. An area to watch for improvement this season will be the Hornets bats. Many of the players have worked really hard this off season with assistant coach Alexander. Coach Lumsden is hoping that the hard work will provide big results this spring. Maybe the most important aspect of this years team is the mental attitude of the players. Coach Lumsden was extremely pleased with the fall practices and the development of the younger players. "The seniors really set a good tone and work ethic while the young guys came in ready to work hard." The Hornets are going to play about a fifty game schedule this season with their home opener on February 15 at Walter Kelly Sr. Memorial field right next to the gym. Look for a schedule for the rest of the season in this paper.



Southern Polytech

REC.SPORTS

Hornets Hit Mid Season Slump

By CHRIS SEARS

It has been a bad two week stretch for the Hornets of SPSU. Their five game winning streak was snapped at home by Faulkner University on Jan. 18. The Hornets lost the game in overtime by the score of 65-63. The game was close the entire time with the teams tied at the half. Faulkner out shot the Hornets 9-2 from three point land as they hit 53% of their three's for the game. SPSU went 0-11 from downtown in the second half and shot only 12% from the arc for the game. Alpha Gaines lead the Hornets with 21 points, while the other big guns for SPSU struggled.

The next game on the schedule saw the Hornets travel to Shorter College in Rome for an away Conference game. The Hornets were ambushed by a hot shooting Shorter team who won the game 86-62. Shorter shot 69% from the field for the game and 57% from three point land in route to handing the Hornets their second straight loss. Wilbur Jordan lead the SPSU with 21 points and Cedric Jones tossed in 11, but once again the rest of the team struggled from the field. The team only shot 36% from the field and 15% from downtown.

The Hornets tried to kill their two game slide against Georgia Southwestern at home on Saturday, Jan. 25. This game proved to be a struggle for the Hornets who had to play catch up all night. Going into the half the Hornets trailed 34-27. SPSU came out strong in the second half and tied the game up be-

fore falling behind once more. Carlos Bermudez lead the Hornets with 15 points. There was some help for the Hornets leading scorer this time as Troy Hill chipped in 12 points and Alpha Gaines had 11. The Hornets were killed by committing 19 turnovers to GSW's 10 giveaways. GSW also picked the Hornets for 10 steals in the game. SPSU continued to struggle from three point land, shooting only 1 for 7 for the game.

According to Assistant Coach Meister the Hornet's have to get tougher on defense in the close games along with better execution on the offensive end. SPSU dropped there third in a row 67-61 and fell to 3-2 in conference.

The Hornets took their game on the road to Piedmont College and promptly broke their three game losing streak with a 77-71 overtime win. The team executed well down the stretch and won the game. Alpha lead the team with 19 points and Casey George played an all-round great game with 11 points, 6 rebounds, 4 steals and 3 assist.

volleyball from pg 10

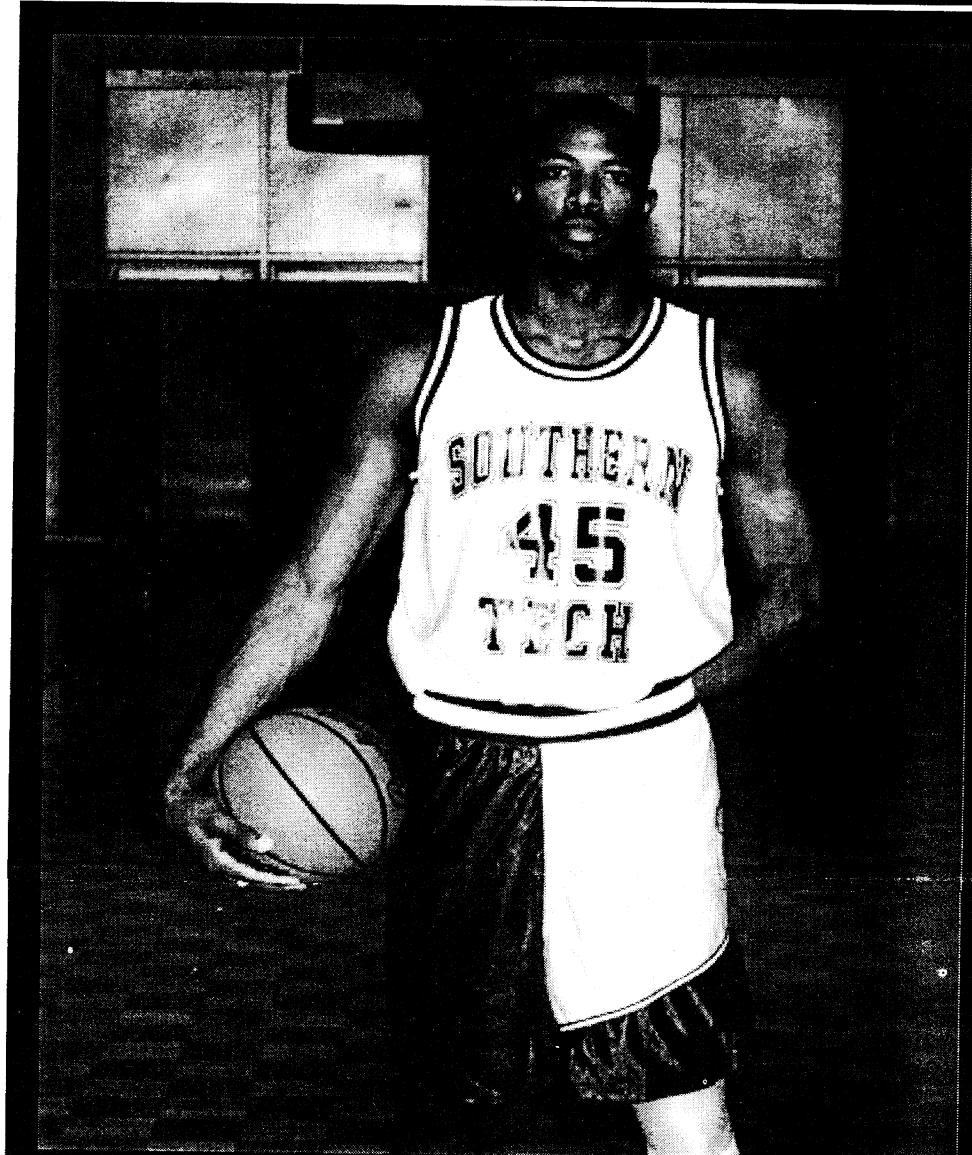
beat the Sigma Nu's 15-10 and 15-12. The next round of matches saw the Intestines go to 2-0 with a victory over Sigma Nu 8-15, 15-10, 11-2. Mislead came back of their first loss with a victory over Sigma Pi 15-7, 15-3. To finish up the week the Intestines continued to play well beating Sigma Pi 15-6, 15-8 while Mislead went to 2-1 with a victory over Sigma Nu 15-12, 16-14. Stay tuned for more volleyball scores.

Intramural Basketball Cont:

40 and lose to the BSU 46-44 with both games being really close. Sigma Pi continued it's hot play sending the Marietta Glory and the Lambda Chi both to losses of 41-26 and 39-32 respectfully. The Augusta Green Jackets also went one and one in the third week of the season by beating Showtime 36-31 and losing to the Vipers 43-34. Rapping up the week were the Big Ballers and SWAT, with the Big Ballers winning 31-25.

Keep reading the STING to find out which team takes the league championship and has bragging rights to the school and in the REC CENTER.

The third week of the season saw the TKE bricklayers defeat the Pi Kappa Phi's 45-



Southern Polytechnic State University

Carlos Bermudez
Leading Scorer

SOUTHERN POLYTECHNIC STATE UNIVERSITY 1997 BASEBALL SCHEDULE

DATE/DAY	OPPONENT	GAMES	SITE	TIME
Feb 15 Sat	Tusculum	2	Marietta	1:00 p.m.
Feb 16 Sun	Tusculum	1	Marietta	1:30 p.m.
Feb 22 Sat	Tennessee Wesleyan	2	Marietta	1:00 p.m.
Feb 26 Wed	Anderson College, SC	2	Marietta	1:00 p.m.
Feb 28 Fri	Tri-State University, IN	2	Marietta	1:00 p.m.
Mar 1 Sat	Huntingdon College, AL	2	Marietta	1:00 p.m.
Mar 3 Mon	Erskine College, SC	2	Due West, SC	1:00 p.m.
Mar 5 Wed	* Piedmont College	2	Marietta	1:00 p.m.
Mar 8 Sat	Faulkner University, AL	2	Montgomery, AL	12:00 cst
Mar 9 Sun	U. of Wisconsin-Lacrosse	2	Marietta	1:00 p.m.
Mar 12 Wed	Georgia State University	1	Clarkston	4:00 p.m.
Mar 15 Sat	* Georgia Southwestern	2	Americus	1:00 p.m.
Mar 21 Fri	Faulkner University, AL	1	Marietta	2:00 p.m.

AEROBIC EXERCISE CLASSES

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Tues., Thur., & Fri.

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Attention Soccer Players:

Anyone interested in playing soccer with the S.P.S.U. club soccer team should come out to the recreation fields on Saturday's at 11:00 am or call Giovanni Astarita at 770-216-9956.

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