Concrete Canoe Team Goes to Nationals

by Susan Herring

The UAH Concrete Canoe team took first place in the Oral Presentation Competition and won fourth in both the women’s sprint and co-ed sprint races to place seventh overall at the American Society of Civil Engineers’ (ASCE) National Concrete Canoe Competition held June 21-22 in Orlando, Florida.

The UAH student team, consisting of Cheryl Bankston, Bernardo Batong, Christelle Hendren, and Jon Murphy, competed against 19 other colleges and universities in the design, presentation, and racing competition. Each of the 20 participating teams qualified for the national competition by winning first place overall in their regional events. ASCE student chapters on each campus sponsor the design and construction projects.

Approximately 20 students, faculty, friends and family members accompanied the team to Orlando, including team alternates Marty McCaghen and Thomas Baltrusaitis and faculty advisor Dr. Michelle Crull, assistant professor of civil engineering.

Mechanical engineering professor Dr. John Gilbert, who has worked closely with the concrete canoe project at UAH for the past six years, said, “I feel real proud of our effort, especially how we assessed our chances before we went to the nationals and knew what our strengths and weaknesses were. It turned out that where we thought we would do well, we did.”

“I really think that the construction and academic performance were flawless. We had some of the best paddlers that were at the competition. I was really proud of all of them. Where we fell down was on hull speed, and we’ll correct that next time. We can come up with something formidable for next year,” he added.

This is the fourth year that the concrete canoe competition has been held on a national level. The event is sponsored by the American Society of Civil Engineers and Master Builders, Inc. It is designed to promote student experience in the entire design, planning, baking, and evaluation process, from initial concepts and research through the design, planning, production, and evaluation procedures.

The canoes are designed and built by students and are judged on a variety of factors, including design, construction, and finished appearance, the technical paper, display, and oral presentation; and a series of five races including men’s and women’s distance competition and men’s, women’s, and co-ed sprint races. Teams receive points for each part of the competition.

In addition to UAH, participants in the 1991 competition included Michigan State University, New Mexico State University, Northern Arizona University, Pratt Institute, State University of New York at Buffalo, South Dakota School of Mines and Technology, Temple University, University of California at Berkeley, University of Cincinnati, University of Illinois at Urbana, University of Kansas, University of Maine, University of Maryland, University of Minnesota, University of New Orleans, University of North Carolina at Charlotte, University of Texas at Austin, Virginia Polytechnic Institute and State University, and Washington State University.

Overall winner of the event was University of California at Berkeley. This is the third time that UC Berkeley has taken top honors since the competition began in 1985.

Joust 1 Recovery Ends

by Scott Hinckley

Recovery efforts for the Joust 1 payload were called off on Wednesday, June 19. The payload was apparently destroyed on impact in the Atlantic Ocean after separating from the Prospector rocket during a launch attempt on Tuesday, June 18. Small pieces of the payload were retrieved by a recovery ship and by beachcombers.

The Prospector, a commercial suborbital rocket, deviated from its planned trajectory at approximately 15 seconds into flight, and was destroyed by the Eastern Test Range 25 seconds after launch in accordance with standard safety procedures.

UAH’s Consortium for Materials Development, in Space contracted with Orbital Sciences’ Space data Division in Chandler, AZ, to launch a payload of materials science and biotechnology experiments on Joust 1.

The cause of the control loss was a stabilizing fin that separated from the rocket during launch. The payload was insured which will allow for another launch attempt next year.

Duthie New Dean of Science

by Sri lakshmi Malladi

In a conversation with the exponent on Monday, July 14, Provost John K Yost announced that the new dean of the College of Science is Dr. Graham Duthie who is currently interim dean.

Yost said, "His performance as interim dean promised strong academic leadership for the College of Science. He claimed strong and widespread support among the constituencies and among all others participating in the search." About the dean search for the College of Liberal Arts, Yost said that the search committee is meeting to consider the candidates for the position and will announce its selection next week.

As to the question of why the committee’s first choice, Dr. David Benseler of Ohio State University, was not hired for the position of dean of the College of Liberal Arts, Yost clarified, "Dr. Benseler accepted another position before we could offer the deanship."
Moquin Says Goodbye

by Allison Sims

Interim President Joseph C. Moquin was honored at a farewell reception in the Bevill Center on Thursday, July 11.

Provost John Yost stated, "Moquin has demonstrated professionalism and integrity which has been crucial in a year of incredible instability. Yost added, "Interim President Moquin put the UAH community in touch with itself and inspired us with his strong belief that we are a university of the future. As a founding father of UAH, he personified our mutual interdependence with our external environment in Huntsville and beyond.

In a year of instability, Mr. Moquin provided enthusiastic leadership of outstanding quality. I consider it a real privilege to have served as his Provost and benefitted from his wisdom as a chief executive officer."

Yost also remarked about the range of concerns that Moquin has addressed, from student's library needs to technological optics research.

Moquin illustrated his range of interest when he expressed what he finds most impressive with UAH. He stated, "The quality of the people at UAH and their spirit for accomplishing high goals is reassuring."

Moquin described the UAH community as "motivated, professional, and capable."

His wife, Anita Moquin, expressed her appreciation for the "friendliness and sincerity that welcomed us to UAH."

Davis Resigns After Less Than a Year

by Allison Sims

Interim reporter

Bevill Davis resigned from his position as director of Planning and Budgets on Friday, June 28. He is one of 97 employees who have voluntarily resigned or retired since January, according to UAH Personnel.

Davis was "lured away" by Pace and Waite, Inc., "when they heard of the salary cuts," stated Jerry Quick, vice president for Finance and Administration. Quick explained that Davis examined his "best interests" in resigning from his post because his new position would include a larger salary and less pressure.

Davis explained, "The reasons why I left UAH were, first of all, I did get a salary increase. The second reason was it allowed me to return to the engineering field."

The Computer Services department, which has suffered from the most resignations this year, can empathize with Quick who "hates to see" his employee leave. Of the seven resignations in Computer Services, five were due to better jobs or increased salaries, according to Michael Meyer, director of Computer Services.

CLARIFICATION: Psi Chi Research Reports

The exponent would like to make a correction concerning the article about the Psi Chi research findings. In the last issue we failed to mention that Melonie Jeffcoat was one of the participants in the study conducted on shyness. Please accept our apologies.

Franz Takes the Helm

by Marian Delaney Sampson

editor

Dr. Frank Franz had a busy first day on Monday, July 15, his first official day as UAH President. He began his day with an 8:15 a.m. meeting with all of the vice presidents. In the afternoon he met with local and state media representatives.

Franz praised the dedication of students, staff and faculty at UAH. He said that the students he had met were more highly motivated and dedicated to being successful than were most students. He cited the fact that most UAH students were employed while attending school. He praised a highly competent, talented and dedicated faculty and staff, "who stay at this University at considerable personal sacrifice."

Franz said, "I have asked the vice presidents to evaluate a strategy of achieving some tax savings that will benefit every employee. By shifting a pay check at the end of the year, from the currently scheduled December 31 to January 1, all employees will save some money." He said he planned to meet with the vice presidents at least three times a week.

Franz said that his highest priority in a long list of things to do was to "avoid carrying salary cuts over into the next fiscal year. This is an overpowering priority."

Franz also said, "We need to re-install confidence in our budget process. By taking first things first and looking at the budget, we need to get a firm control on the budgeting process."

While Franz praised the "exemplary administration of President Moquin," he said, "I feel that UAH has taken on a few too many projects that are somewhat speculative (prior to this last year)." Franz said the New Residence Hall and other new campus buildings were examples of items that were important to the future growth of UAH, but were speculative projects. He said that applications and admittances for next year were up over previous years and that UAH needs to be prepared for growth.

He said he agreed with Chancellor Philip Austins' plea for tax reform in Alabama, "I thought West Virginia was quite low in property taxes but Alabama is even lower."

Franz said that colleagues at West Virginia have chided him for leaving a state with a budget surplus to come to Alabama. He has had considerable experience with austere budgets and said that his friends have said, "I must love misery because I follow cuts wherever they occur."

"It is important for all of the Deans to have clear spending authorization, which they have not had in the past. This authorization needs to add up to the projected available resources," he said. Franz said that he anticipated no immediate changes in the personnel at UAH. While his office is currently being relocated into a smaller office in the presidential suite ("because it has two windows"), he said he has no plans to decorate the suite.

Franz looks quite tanned and rested after a week at the New Jersey seashore. Dr. Judy Franz will arrive at UAH this week after a trip to Massachusetts, where they will visit President Moquin's brother, and a seasonal retreat to Gulf Shores. Additionally, the Moquins' list of upcoming tours include Scotland, Ireland, and Alaska.

Padulo Has New Job

The University City Science Center (UCSC) has named Dr. Louis Padulo as its new President and CEO, effective August 26. UCSC is a Philadelphia-based, national consortium of twenty-eight universities, medical centers and research institutions.

James C. Hess, executive vice president of The Diversified Search Companies which conducted the international search for UCSC said, "In the minds of both Board members and staff, Louis Padulo's knowledge, background, leadership of the research, experience in higher education, and leadership style are perfectly suited to leading this vitally important institution into the next century. He is viewed as a person who is capable of not only seizing opportunities as they arise, but of creating them himself."

Dr. Frank Padulo, former UAH president said, "I welcome this opportunity to lead the University City Science Center during what I anticipate will be a demanding decade for science and our nation's industries and research universities... My wife, Katharine, and I are very excited about becoming a part of this partnership... online.

This article is condensed from an eight-page news release which is available to be read in the exponent office. UC Room 104.
SGA NEWS: Committee Assignments Made
by Vandana Sharma
reporter

Committee chair assignments were made at the June 20 SGA meeting. SGA voted Tim Cobb head of Student Relations. Jeremey Hodges head of Rules and Revisions, and Cheryl Wernle head of Appropriations and Organizations. Committees are composed of the following legislators: Student Relations: Stacey Condra, Barry Wright, Kaycee Martin, Charles McEniry, Erwin Grigorian, Christa Snow; Appropriations and Organizations: Charles McEniry, Erwin Grigorian, and Christa Snow; Rules and Revisions: Angela Heinrich.

Working group assignments were also given at the meeting. Student Services will compile and take inventory of student services. Legislators on this committee are Martin (chair), Cobb, Wright, Grigorian, Snow, and Heinrich. SOP will write a Standard Operating Procedures manual that will serve as a companion to the constitution. Legislators on this committee are Hodges (chair), Condra, McEniry, and Wernle.

Arbitrators and student representatives were also named to the UA Board of Trustees. The Arbitration Board includes the following students: Jamie Cornelison, IE; William Pearson, MacNaughton, ME; Paul Stephens, ME; Terry Sterry, Psychology; Cheryl F. Williams, ED. Student Representative to UA Board of Trustees is Benjamin J. Masters.

SGA also discussed the inconvenience caused to the students by recent rules that were imposed. One is the closing of the library on Saturdays. Stephanie Gilmore, legislative secretary, mentioned that some students work during the week and need to use the library on the weekends.

Other cuts in services that have inconveniently affected students include the closing of the cafeteria at 3 pm during the weekdays and not opening at all on the weekends; the lack of student services; a cut down of hours for the Wellness Center; and the problem of funding with the peer counselors. Hodges also brought up the problem of the lack of diversity in summer courses, which the coop students rely on because they work during the fall and/or spring.

Next, Cobb stated that many foreign students were complaining to him and the SGA office about testing for English competency. Some students have taken English courses and successfully completed them, but they are not allowed to graduate until they take these tests. Cobb stated that the University may be looking through lists of names to identify foreigners, and then the University will send foreign students letters telling them of this obligation. Jones answered that this matter will be handled through the Student Relations committee.

Another inconvenience for the student body is the probable cancelling of the UAH choir. Dr. Paul Crabb held his last concert this spring, and because of the hiring freeze, no one will replace him.

Also SGA discussed the welcome-back party for President Frank Franz. The party is being set for September 26, 27, or 28. SOP plans to work with ACTE and the fraternities for the security. SGAWill ask Dr. Franz to pay for the ads that will run in the exponent. SOP also plans to sell tickets at either four or five dollars with the money passing through SGA.

Hodges then spoke on the process of getting new UC Club Cards. As always, the SGA chose the company USA for the contract. Hodges stated that another company had also been using the name of USA and using the SGA endorsement to attract business for itself. The legitimate USA company uses the SGA name to endorse its business.

SGA also discussed the possibility of write-in elections. Jones stated that the write-in policy would allow runners to avoid the procedures usually involved in running in an election. Jones stated that runners must attend three SGA meetings prior to elections. Elected class officers were also mentioned. Jones said that they really served no function in unifying the classes. Only the freshman class officers should be elected, Jones added, because freshmen often identify themselves with other freshman. After the first year, students usually do not identify with others in the same class. Ceci reminded legislators of their office hours and House Bill 9001, which requires them to serve hours in the SGA office. Office hours are published in the exponent.

At SGA’s non-quorum meeting on Thursday, July 11, legislators discussed the accomplishments of the standing committees of the working groups. Student Services, a working group, was divided into individuals who have each been assigned a UA vice-president to work with. Each will discuss the effects of procedures on student services for the upcoming year. SOP, another working group, has begun on its Standard Operating Procedures manual.

Appropriations and Organizations has been in the process of recognizing old and new clubs which submitted applications for funding this year. SGA is also planning a new group which will serve apart from the SGA. This group’s purpose is to devise a procedure by which to recognize new clubs and organizations. Also it will make new procedures on handling cash requests. The group consists of Dr. Jeanne Fisher, Joey Cecil, Doug Jones, Cheryl Williams, Cheryl Wernle, Chuck Gusek, and one of the University’s legal advisors.

A standing committee, Student Relations also discussed its accomplishments thus far. Some members of this group have been assigned to a deep from each school at UAH. They are required to ask some of the following questions: How many full-time faculty members are not returning in the fall? How many part-time faculty contracts are not being renewed? Are schools losing any graduate teaching positions, lab instructor positions, or student teaching positions? Are there any positions which are empty and will not be filled at any time soon?

At the next SGA meeting the legislation issues will be discussed: tickets to the welcome-back party for President Frank Franz, the student directory, insurance, solving problems with financial aid, faculty and staff, facilities, housing, and admissions and records. SGA requests all freshman who paid a freshmen directory fee to pick it up from the SGA office before they are thrown away.

New Library Schedule
Provost John K Yost has announced that the library is returning to its regular hours.

The library will be open Monday through Thursday from 8 am to 10 pm, Friday from 8 am to 6 pm, Saturday from 9 am to 6 pm and Sunday from 1 to 10 pm.

Second Annual Drug Abuse Prevention Conference
The second annual Drug Abuse Prevention Conference will be held Tuesday, 8 a.m. to 5:30 p.m. at the Sheraton Inn—Airport.

This conference is sponsored by the Center for Drug Abuse Education at A&M. It is co-sponsored by UAH, Athens State, Drake Tech, and Oakwood.

There are no conference fees for UAH employees. There will be a $7 charge for lunch.

For more information call Gerry Moore, director of Personnel Services at 895-6455.

Chipping Mill

The notice said, "Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing." According to the notice, written statements must be in the office of Mr. William L. James, Regulatory Branch, P.O.Box 1070, Nashville, TN 37202-1070, phone (615) 756-5811, on or before July 19, 1991.

The complete public notice is posted on the bulletin board in the exponent office in UC Room 104.
# UAH Campus Crime Statistics

This reporting represents the 21 incident/offense reports made by UAH Campus Police between 0730 hours on May 31, 1991, and June 28, 1991.

<table>
<thead>
<tr>
<th>Property Crimes</th>
<th>Crimes Against Persons</th>
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</thead>
<tbody>
<tr>
<td>5 theft of property</td>
<td>2 harassment</td>
</tr>
<tr>
<td>3 breaking and entering (vehicle)</td>
<td>1 vandalism</td>
</tr>
<tr>
<td>3 criminal mischief</td>
<td>6 miscellaneous</td>
</tr>
<tr>
<td>1 medical call</td>
<td>5 miscellaneous</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Campus Tickets</th>
<th>State Tickets</th>
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<tbody>
<tr>
<td>139 parking violations</td>
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<tr>
<td>7 moving violations</td>
<td>2 drivers license</td>
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<tr>
<td>3 handicapped violations</td>
<td>5 tag violations</td>
</tr>
<tr>
<td>17 decal violations</td>
<td>5 hanging license</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Arrests</th>
<th>Accidents</th>
</tr>
</thead>
<tbody>
<tr>
<td>no arrests</td>
<td>1 accident report</td>
</tr>
</tbody>
</table>

## "Operation: Desert Benefits"

**by The Alabama District Exchange Clubs**

The Exchange Clubs of Alabama announced sponsorship of "Operation Desert Benefits" which was organized with the purpose of sharing with widows and dependents of all Alabamians who gave their last full measure of devotion during the Persian Gulf War.

Harold Newman, district president of Alabama Exchange Clubs, said "This effort fits well with our One nation Under God, Freedom Shines, Give a Kid a Flag to Wave, and other patriotic programs of the National Exchange Clubs. The original board of directors, including Alabama's Governor, Chief Justice of the Supreme Court, Attorney General, and other prominent officials will remain in force. Every family is urged to make a small contribution, if no more than a dollar. We must show the families of those who will not celebrate a birthday active participation in the learning environment for students at all levels of study. The Interactive Japanese programs were developed as part of the Computer Accelerated Language Learning (CALL) Educational Project, initially funded in 1984 by the Nippon program to incorporate feedback from numerous students and teachers. It is designed to meet the needs of students in an academic or business setting by providing a complete and practical approach to learning the Japanese language. "When learning Japanese, mastering the language is only part of the learning process. Language alone is inadequate for the cross-cultural problems often encountered," says Yosoji Kobayashi, chairman of NTVCS. These programs, he points out, "stress a combination of ... language and culture. Knowing both is essential.""Today the trend in education is toward active participation in the learning process and the Interactive Japanese programs meet the needs of both educators and students," says Ron Brooks, president of Intellimation. "The programs are designed to be used by both college-age students and high school students as well as business people who want to improve their understanding of the Japanese language."

Understand Spoken Japanese Hardware Requirements: Laser Videodisc player connected to an IBM DOS Computer System with Info Window or M-Motion Video Adapter/TA In InfoWindow compatible mode.

Understanding Written Japanese Hardware Requirements: Macintosh computer (works with Macintosh Plus, SE, SE/30, II, Icx, Iic) with 2MB RAM (min.) and 20Mb fixed drive (min.).

## New System for Learning Japanese

Intellimation, a Santa Barbara based publishing company specializing in multimedia educational materials, announced the release of Interactive Japanese, a new language learning system that brings together computer, laser videodisc and audio technology in a series of lessons for acquiring skills in understanding modern Japanese. Developed by a team of linguists, Japanese language experts, and education specialists, Interactive Japanese consists of two components: Understanding Spoken Japanese and Understanding Written Japanese. Both components promote greater student involvement and enthusiasm by emphasizing direct and constant interaction between the learner and the program. With the help of this system educators can create a highly individualized learning environment for students at all levels of study.

More information, contact: Intellimation at (805) 968-2299 or 1-800-626-6266.

## Alabama Credit Union Ground-Breaking

A new building for the Alabama Credit Union is under construction at UAH. Groundbreaking ceremonies were Friday, June 28.

The new facility on campus represents an investment by the credit union of about $500,000. No university resources are being used to finance the construction. The building is expected to be completed and opened by November 1991. The credit union branch is presently housed in offices at 802 E. Executive Plaza.

Located at the corner of Lakeside Drive and South Loop Road, the new facility will contain about 3,700 square feet of floor space. Included in the building will be a lobby and office areas, a records room, a five-station walk-up teller area, a three-lane drive-up teller area, a vault, and other support spaces.

The facility is being built by Woodward Construction and Design of Harselle, AL. The architectural and interior design were done by Fugua, Hughes & Osborn, P.C., of Huntsville.

The Alabama Credit Union serves employees, staff, and alumni of UAH, UIAUB, and UAT.

## Continuing Education Sponsors LEAP Program

A physical fitness program designed to use playground as an extension of regular classroom curriculum in science, math and physics classes is sponsored by Continuing Education.

Learning Educational Activities on the Playground (LEAP) is an in-service graduate training course for elementary school teachers.

Educators from across the country participated in the week-long fitness program July 7-12.

For more information contact Con/Ed at 855-6010 or toll-free 1-800-448-4031.
Exception Made for Serving Alcohol
by Tim Cobb
for the exponent

For students who were on campus during the break between spring and summer, it must have been a shock to see people drinking beer in the UC, especially since many people have been told that it is not permissible. Yet, during the Cryogenic Conference held in the wee hours of June 9, keg beer was served in Exhibit Hall A to the attendees at the conference. This surprised employees of UAH in view of a letter sent out by President Joseph Moquis in December of 1990. The letter stated, "Current University policy prohibits the unlawful possession, use or distribution of illicit drugs and alcohol by students and employees on University property or as part of any University activity." For anyone serving food in the UC, one must have events catered by the Marriott Hotel Chain, which manages the Bevill Center. When asked by Agent Murphy, of the Alabama Beverage Control Board Enforcement Office, the Bevill Center denied having served the alcohol to the participants of the conference. This would have been a violation of their liquor license, since it is strictly allowed only for them to serve on Bevill Center grounds.

When contacted, Steve Bruce, director of the UC, stated that he had received correspondence from the Office of University Counsel, that the serving of the beer was sanctioned by his office. Rieder stated that the president could make an exception to any university policy, and that former President Louis Padulo had done so when arranging the conference two years ago.

When questioned about the serving of beer in the UC, the President's Office commented that the contract for the Cryogenic Conference was signed during the term of former President Louis Padulo and that he had agreed to the serving of alcohol.

Nominations for candidates should be submitted to Janice Moore SB 110 on or before July 19.

SCIENCE & TECHNOLOGY

New Program To Help Minority Students Prepare For Careers In Science, Mathematics And Engineering

by Julie De Bardalabem
Alabama Dept. of Postsecondary Education

The Alabama Department of Postsecondary Education, the Governor's Office, Alabama A & M University and selected corporations in Huntsville, Birmingham and Montgomery have formed an innovative partnership that will assist 42 minority students in securing associate degrees in science, mathematics and engineering.

The Minority Science Improvement Program was established to improve minority student enrollment in two-year college science, mathematics and engineering degree programs. Forty-two minority students who graduated in the top 10 percent of their high school class will benefit from the program, which will provide each student with a two-year scholarship and on-the-job experience.

The program was established through the cooperative efforts of the Alabama Department of Postsecondary Education, Alabama Department of Community Affairs (ADECA), IBM, Alabama Power Company, South Central Bell, Alabama A & M and the Marshall Space Flight Center. Governor Guy Hunt committed $27,524 to the program through ADECA.

Colleges participating in the program are Wallace State Community College in Selma and Lurleen B. Wallace Community College.

The students will begin earning college credits this summer through the Summer Honors Academic Reinforcement Project (Sharp II). They will attend intermediate algebra and computer classes at Alabama A&M, and participate in career training activities with scientists and engineers at Marshall Space Flight Center, B.D. Moore's Beer in the UC, the President's Office commented that the contract for the Cryogenic Conference was signed during the term of former President Louis Padulo and that he had agreed to the serving of alcohol.

Experts Discuss Funding for Space

by Mary Wallace
associate editor

Disrupted by recent threats to funding for space exploration, the Huntsville Alabama L5 Society (HALS) held a panel discussion on June 26 at the Huntsville Public Library. The session is a chapter of a national space society which promotes space development for the "benefit of mankind." Its specific purposes are to promote the human habitation of space, and to see permanent settlements established in space no later than 2015.

UAH student Dennis Wingo, who is a national board member of SEDS, attended the meeting. Wingo explained to the exponent that his interest in attending was to compare justifications for space research.

"If students of space, the exploration of space is no longer for technological advancement, but the maintenance of human life on this planet, because of resource depletion. Just as an example, scientists have located a large asteroid that is made up of copper, nickel, platinum, and gold. This aspired could be mined for its valuable resources," he said.

Introduced by Greg Allason, president of HALS, Wally Kirkpatrick spoke first. Kirkpatrick represented the Huntsville/ Marshall Chamber of Commerce and was appointed to assure the community that the Chamber had coordinated activities initiated to restore space funding recently cut by Congress.

"We organized a special committee which focused on addressing the zeroed funding, encouraging grass roots support of space research, and networking with the educational community about space," said Kirkpatrick. He also reported that an Alabama delegation to Congress was successful in restoring $1.5 million for funds. Since that meeting, the Senate Appropriations Committee has approved full funding for the Space Station Freedom.

"Now, the focus is on the Senate and attempting to get a adequate budget to fund the space station as well as the entire space program," he added. Astronaut Kent Hartfield, a former Shuttle commander, spoke next. He named three reasons for continuing space exploration. "First, we gain a perspective from space which is not available to us from earth. From space, we can monitor pollution, the atmosphere, the oceans. Outwardly, we can gain a greater understanding of where we live using Hubble and the Gamma Ray Observatory," he said.

Hartfield continued, "The space environment is not something we can duplicate on earth. In micro-gravity, we can do things that we cannot on earth. For example, Charlie Bugg of UAH is working on protein crystallography, and micro-gravity is necessary for its growth.

"Life in space is a medium in which to travel to other planets. This type of exploration is an investment in the future, because of the commercial opportunities opened up by space," he concluded.

Gene Austin of Marshall Space Flight Center concentrated on the need to maintain Space Station Freedom so that travel to other planets is possible. "When the Moon, we have been waiting for a goal. Now that goal is to go to the Moon, then on to Mars," he said.

Astronaut Austin explained, "Space Station Freedom is vital to this trip because more studies must be done on long term space travel. The effects on the human body must be studied. Also is an important issue for space technology options must be considered.

Tom Berg, space station manager at Boeing, also emphasized the necessity of Freedom. "We have had a vision of a national laboratory that we still have in laboratory. We simply must recover. We must get back to capabilities, by keeping people up there and supplementing manned presence in space with automation. All this can improve the economy by leading to commercialization," he said.

Carl Case, also of Boeing, argued that government funding not only does humanity have a need for commercialization, but benefits from it. "For example, he said, "the Apollo applications led directly to Skylab. Also, the magic of space is a motivation for children to learn science and math. The whole world is envious of our shuttle."

Allan Ray, a veteran of NASA and the Air Force, warned, "If we take a step back in our support of space, other countries will take the step forward. "He said, "Our concern is with leadership. We need leadership with vision to make the U.S. the leader in space like it is in aviation."

Jan Bijvoet, a senior research scientist of UAH, provided an international perspective. He harshly criticized Congress for wavering yearly on funding for space. "It is unfair to international participants in Space Station Freedom such as Japan and Canada when Congress abandons the project. I believe that the major stumbling block for advancement in space exploration is the lack of multi-year funding," he stated.

Scott Speasing, a project engineer at Teledyne Brown Engineering, related a personal story of how he got involved in space when he was a student. Then, he argued, "Lately the idea has been to throw more money at education to improve it. What is missing is a goal for students. They need something tangible to work towards. A future in space can be that goal."

Frank Slater of McDonnell Douglas reported on the status in Washington. "We have managed to fend off cuts this time. According to budget agreements, space funding can only go up by 5% even though space has never been funded. The support for funding has been eroding," he said.

"In the future, manned vs. unmanned space advocates need to reconcile, so that no facets of space research suffers. Space is an investment in the future, because the economic destiny of the country is tied to space," said Slater.

Harry Reed, a space activist, outlined ways to create support for space at a grassroots level. "Meetings like these are a step in the right direction. Also, support must be mobilized by writing their representatives and by voting responsibly. The biggest task is to change Americans to future oriented people," he said.

CO-OP Recruitment For Fall Term 1991 Begins

The Cooperative Education Office is now processing student applications for Fall 1991 placement. Nominations for opening positions will be forwarded to cooperating firms on August 1, 15, and September 1. Anyone interested in participating in the Co-op program should contact the Co-op office immediately to schedule an orientation.

Student orientations are held weekly. These sessions are scheduled on different days and at different times so as not to conflict with a student's present class schedule. Information concerning co-op requirements, guidelines, and advantages of co-oping is discussed as well as completing the necessary applicant forms.

Presently, the area job market is seeking Engineering students, especially in ISE and CPE. Computer Science students; and Nursing students who have completed NUR 361.

For further information please contact or come by the UAH Co-op office, Room 212 University Center, 865-6141.

Elections for representatives to the Staff Advisory Council will be held Thursday, July 25, from 8 am until 5 pm.

Nominations for candidates should be submitted to Janice Moore SB 110 or on before July 19.
Conference Urges Faith in Long-Range Weather Forecasts

by Phillip Gentry

University Relations

In November 1990, scientists in the Alabama Climatologist's office at UAH were predicting that the coming winter and spring would bring above average rainfall. After all, halfway around the world the central Pacific Ocean was warmer than usual that fall, wasn't it?

"We know that when you have a similar kind of warming event—called an El Nino—in the Pacific, there is an 85 percent chance that winter and spring rain in the Southeast will be above average," explained Dr. John Christy, a UAH research scientist and associate state climatologist.

"While technically it wasn't an El Nino, last fall the central pacific was more than 1° Fahrenheit warmer than average. That's a big chance in the tropics," Christy said. 

"And we measure the temperature in a deep layer of the atmosphere, so that's a lot of extra energy."

A lot of extra energy brought a lot of extra rain to Alabama. Being able to make those kinds of predictions with reasonable accuracy in the Southeast makes long-range forecasts from the national Weather service a potentially valuable tool for public utilities, agriculture, and various industries.

That is the message Christy and officials from the NWS Climate Analysis Center in Maryland delivered during a two-day conference at UAH in early June.

The Weather Service makes 30 and 90-day forecasts for temperature and precipitation, predicting whether each will be about average, or above or below average.

"It doesn't sound like a detailed forecast," Christy said. "But if it's right, it can have a big impact on industries that generate power or use a lot of water, for instance."

"For the people who could use this stuff, we want to show that there are some (long range forecast) products that they can have a little bit of faith in. We'll look at risk analysis: What is the risk of following a forecast?," he said.

The risk is determined by how accurately the Weather Service can predict weather trends 30 and 90 days in advance. In the Great Plains region of the U.S., from North Dakota to Nebraska, the weather is so unstable that long-range forecasts are no more reliable than a random choice.

On the other hand, long range temperature and precipitation forecasts in the Southeast have been much more accurate, said Christy. A recent analysis found that the Weather Service's long-range weather temperature forecasts for the Southeast have been accurate about 60 percent of the time.

During the June conference, Christy and others demonstrated the economic benefits of using long-range forecasts.

"Suppose there is a seasonal forecast for above average rainfall," Christy said. "A manager of a hydroelectric system could release more water through the turbines to generate electricity with confidence that he would have more water coming in. That's why the Tennessee Valley Authority and Alabama Power are interested in these kinds of predictions."

In addition to looking at long-range forecasts, a session sponsored by the Alabama Department of Economics and Community Affairs addressed possible global weather trends and their effects on the Southeast.

UAH Selects Eminent Scholar in Propulsion

by Rick Mould

University Relations

Dr. Hugh W. Coleman has been selected to fill the UAH's Eminent Scholar Chair in Propulsion.

Coleman will begin his duties on July 1, and his appointment is established through the state Eminent Scholars Trust Fund Act.

His area of specialization is focused on experimentation in propulsion and thermal and fluid sciences. Coleman has been a professor of mechanical engineering at Mississippi State University since 1978. He is the William L. Giles Distinguished Professor at the university.

Coleman's efforts will be focused on establishing a research program as a major university research program. He will work with UAH Propulsion Center Director Dr. Clark Hawk in developing the program, he said.

"This is the type of challenge I was looking for," said Coleman. "There is an excellent existing effort in propulsion at UAH and we intend to expand our efforts to support research and other agencies like NASA and the Army's Missile Command.

"This is an area we are very interested in building," said UAH College of Engineering Dean Lynn Russell. "Dr. Coleman has the expertise and the experience we desire in an eminent scholar and will provide excellent leadership in developing this program," he said.

Excellence Inc. UAH Team Together on New Solid State Controller

by Rick Mould

University Relations

The flashing lights and roaring siren of an ambulance are paramount in drawing the attention of motorists as paramedics race to a medical emergency.

A UAH research team has developed a solid state controller which will assist a local ambulance in producing a lighter and more efficient auxiliary lighting and siren system.

Excellence Inc., intends to use the system as part of its standard equipment on new ambulances. The controller replaces a mechanical system which required numerous bulky electrical lines which will now be replaced with a single electrical line. This is the first fully solid state controller used on ambulances.

Dr. Reza Adhami, UAH associate professor of electrical and computer engineering, and UAH graduate students Don Milligan and Jeff Loutit, developed within the laboratory a working prototype, which includes the ambulance's emergency lighting system. The work was initiated after a feasibility study, said Adhami.

"This research is important because we are using this technology to meet an industrial need," said Adhami. "It shows how business and universities can team together and find new applications for technology," he said.

The system will dramatically cut the installation time normally required by Excellence. The new controller is expected to have a two-hour installation time compared to nearly two full days.

The solid state controller will have a longer life span than the mechanical system and also will require less energy to operate. Unlike the mechanical system, Adhami said artificial intelligence can be built into the system for self-diagnosis and to alert operators if there are any emergency problems with the emergency lights.

Excellence markets its equipment nationally and internationally with customers that include: MEDIC, Inc. Department of Public Health, Camp David, Maryland, the cities of Pittsburgh, Little Rock, Charlotte and the Kuwait Ministry of Public Health.

New Missile Plant To Be Built Near Troy

by Terry Abbott

Governor Guy Hunt joined officials of Martin Marietta Corporation, June 3, as company officials signed closing papers on the purchase of 3,863 acres of land nine miles northeast of Troy for a new missile assembly and storage facility.

"Here in Pike County Martin Marietta will build a facility to manufacture, assemble and store missile ordnance produced under new business contracts of Martin Marietta Missiles Systems," Hunt said. "We appreciate the 90 new jobs and the economical impact this facility will bring to Pike County. I know Martin Marietta will be a good corporate citizen and I pledge the state's support in helping this company flourish in Pike County."

Construction of the new facility will begin in 1992 and will include assembly, administrative, shipping and receiving buildings, and several ordnance storage structures.

Among the first weapons expected to be assembled and stored at the site will be missiles for the Advanced AntiTank Weapon System-Medium, currently under development for the U.S. Army and Marine Corps. The ADATS air defense system under contract with the U.S. Army and Canadian Armed Forces; and the Multiple Launch Rocket System-Terminal Guidance Warhead, a multi-national development effort.

Although Martin Marietta has an office in Huntsville, the Pike County plant will be the company's first manufacturing venture in Alabama.

In a statement, company officials said the Troy site was selected for the new plant because it had good access and protective barriers, proximity to customers, good labor, education and training and strong local support.

"David Echols, a project manager with the Alabama Development Office, assisted company and local officials with the project. "The teamwork of the company, the South Central Alabama Development Commission, Pike County and the state was the key to making this project happen," Echols said.

Echols is co-author of the book, Experimentation and Uncertainty Analysis for Engineers, published in 1989. Out of that publication came a number of two-day short courses which he has taught to a variety of government and corporate entities. This work gives him valuable practical contact with researchers within the industry.

"Through these courses we have been involved with the people who are planning and carrying out the actual experiments," said Coleman.

From 1969 to 1978 he was a member of the technical staff at Sandia National Laboratory in Livermore, Calif.

Coleman's most recent work has been with NASA's Glenn Research Center where he was involved with the health monitoring program for the Space Shuttle Main Engine testing and operation.

He received his bachelor's degree from Mississippi State 1969. He earned his master's and doctorate from Stanford University.

Coleman is a member of the American Society of Mechanical Engineers (ASME), American Institute of Aeronautics and Astronautics, American Society for Engineering Education and The Combustion Institute. He is the current chairman of the ASME Fluid mechanics Technical Committee. He was associate technical editor of the Journal of Fluids Engineering from 1984-87.

HAPST Trailer
AIDS Action Coalition Announces Upcoming Projects
by Melanie Brockway
AAC Volunteer Coordinator

The AIDS Action Coalition will be holding a Food Prep Training Class for those interested in preparing meals for ill AAC clients. It will be a short class, lasting about an hour, dealing with things like what types of utensils to use while making meals and the types of food which are and are not acceptable for people who are HIV positive or who have AIDS.

The Food Prep Training Class will be held on Monday, July 15, at 7 p.m. at the AAC office. Call 533-2437.

The NAMES project is bringing the AIDS Memorial Quilt to town from November 23-24. AAC is helping to bring this memorial to Huntsville and looking for volunteers to help with enormous duties. Call the Metropolitan Community Church at 533-6220 and ask for Felicia.

World AIDS Day will be in December, and AAC will have its second Annual World AIDS Day Memorial Christmas Tree. AAC is in need of volunteers who can sew and who can cross-stitch to help with making Christmas ornaments to present to families of clients who have died.

For more information contact AAC Program Assistant Elizabeth LeVeux, 205-870-2300.

Three SPMC Residents Choose Small Towns
by Thalia Hask
UAH School of Primary Medical Care

Three physicians who have completed the UAH-Huntsville family medicine residency in June were honored at a graduation luncheon on June 27 at the Redstone Arsenal Officers Club.

Barbara Bennett, M.D., will practice in Gatlinburg, Tennessee. She has a degree in psychology from East Tennessee State and a degree in medicine from the University of Tennessee. Bennett is married and plans to work in general medicine.

Byron Garvey, M.D., will practice in Florence, Alabama. He is a graduate of the University of Alabama at Birmingham. Garvey is married and plans to work in general medicine.

Paul Wrather, M.D., will practice in Decatur, Alabama. He is a graduate of the University of Alabama at Birmingham. Wrather is married and plans to work in general medicine.

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Hours: M-Th, 7:30 a.m. - 8:30 p.m.; Fri, 7:30 a.m. - 5 p.m.
Cost for first sticker:
Faculty and staff member $75
Student Residence $15
Cost for additional vehicles (up to 2):
All $10
Cost for motorcycles/motorbikes:
All $10
Cost for replacement sticker if vehicle is sold/traded (old sticker must be provided)
$2
 Fees subject to change with proper notification
Information required for registration:
a. Vehicle make, model, color, and year
b. Current driver's license number
c. Class schedule and tuition statement
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Information required for registration:
a. Vehicle make, model, color, and year
b. Current driver's license number
c. Class schedule and tuition statement
d. Copy of receipt for campus residence (for residence rate)
Supports Council

by Marian Delaney Sampson

The first meeting of the Staff Advisory Council was held on Wednesday, July 25. The meeting was held in the Faculty Senate room and was attended by over 30 members of the council.

The council membership consists of 24 members, elected during the last fall full-length meeting. The council's primary function is to facilitate communication among staff and faculty members of the University of Alabama in Huntsville.

The council's by-laws specify that the council must hold at least two meetings per year, and each meeting must be open to all university staff.

The council's primary goal is to improve the working environment for all university staff. This includes issues such as salary, benefits, and working conditions.

The council's membership includes representatives from all departments and colleges at the university. This diversity allows the council to address a wide range of issues that affect all university staff.

The council's by-laws also specify that the council must have at least 12 voting members at each meeting.

The council's meeting minutes are available online, and the council's by-laws and meeting minutes are also available for download from the university's website.

The council's website also includes a calendar of upcoming meetings, and anyone interested in attending a meeting can sign up online in advance.

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A New Era Has Begun

by Marian Delaney Sampson

Editor

With the official arrival on campus of President Dr. Frank Franz and the departure of Interim President Joseph Moquin, a new era has begun at UAH. The past few years have been very turbulent on campus. It is time for a new start.

Franz faces some difficult budget decisions, but, as he has reminded me, he is very good with budgets. He has a great deal of experience with under-financed state institutions of higher learning. He is used to a different budgeting process than what is currently practiced at UAH.

As I have mentioned before, UAH’s budget difficulties were not caused by any one person and will not be solved by any one person, even Franz. However, he is well on his way to making sure that some of our difficulties will not be UAH’s.

Franz has been in close touch with the campus since his appointment. He is aware of some of the difficulties that we face. I would make a plea that for at least the next six months, while he works his way through the mine field that is called a budget, every member of this community give him their full support.

Why am I asking this? He and other administrators face some difficult and tough decisions. That means that someone’s favorite ox is going to get gored (maybe even mine). In my future may be open, members of the UAH community have become very adept at the UAH political game. It seems to me that it is time for the good of the whole to take precedence over the good of the individual, and for the political games, turf wars and character assassinations to stop for a while.

By minimal salary reductions, not filling vacant positions, and other economies, UAH can meet some of its budget problems. Let us all help the new administration solve our current budget crisis and see what we can do to prevent its recurrence. I think that people with good will, creativity and intelligence can work together.

Budget problems in higher education are not restricted to this campus. As a matter of fact, in the past month our sister state institution, Alabama A&M, has had to announce massive lay-offs, not to mention what is happening at other colleges and universities throughout the state and the nation. According to all of the experts the budget problems in higher education are going to get worse, not better.

By minimal salary reductions, not filling vacant positions, and other economies, UAH has managed to avoid cutting enrollments or lay-offs. Though expense to students has gone up and services have been reduced, UAH is still the best bargain in town.

We are beginning to make a turn around. Jerry Quick, vice president for Finance and Administration, has informed me that UAH's deficit did not increase (for the first time this year) in the month of June. That means that for one month we spent less than we earned. Dr. Tom Tenbrunsel, vice president for Advancement has shared with me the information that voluntary gifts to UAH increased 47 percent from 1988-89 to 1989-90. That is a start.

UAH’s budget has grown phenomenally in the past decade. A number of people have mentioned that we are the victims of our own success. As a relatively young institution, we have not had the luxury of state-financed buildings to maintain and encourage our growth. We do not have the vast financial resources (real estate, coal, oil, timber, endowments etc.) that other state institutions have. We do not have a large number of wealthy alumni making contributions.

I believe that UAH has played a vital role in the economic development of North Alabama. It would seem that the state legislature could pay some attention to the fact that our graduates will earn more (and thus pay more back to the state) than the graduates of any other state institution. A number of people are making our case in Montgomery. Let's help them by contacting our legislators.

A petition, letter and phone drive is currently underway asking the Alabama State Senate Finance & Taxation Education Committee to keep special consideration in the Education Budget for UAH.

Members of this committee from Madison County are ...
Choices
Freedom of thought not respected by 'outraged' right-wingers
by David Rogers

t he thought police are alive and well. And they are
busier than ever screaming about alleged violations
doing the rounds of the courtroom.
Their point of view is not respected, they say.
They don’t feel comfortable relating their experiences
to their campus chums out of fear that they will be ostracized.
Not everyone agrees with their ideas, and they just
don’t understand why.
Suppose that’s because not everyone is white, middle
class, male, conservative, and heterosexual.
Isn’t that just the shock of your life?
There are people who place the well-being of
the environment over profits.
There are people who think blacks and other minorities
deserve equal opportunity for employment.
There are people who believe women shouldn’t have
the full burden of raising children while working outside
the home. (No, young right wingers, the issue of women
working outside the home is not an issue; stop placing guilt
on women who are working double-time to keep their
families financially solvent!) There are people also, who feel tolerance is a virtue
characteristic.
A group of good ole boys (northern-style) were
reprimanded by their college recently for wearing specially
designed t-shirts.
The message on the shirts: “Club Fags Not Seals.” It
takes a real special mentality to come up with a winner like
that. But I’m sure they’ll make brilliant civil libertarians
one day (NOT).
These same types have been crying foul lately. They
are the same types who dismissed the right-wing line as cow
manure. But as for me, I plan to invest in a good pair of boots
soon. Really soon.

Notes from the Undergrad
by Doug Brewer

A Midsummer Night’s Column

S ummer is my favorite season. I have always been
Father pleased by hot weather, and summer, especially around here, which is chock full of it.
There are other reasons I like summer. I rarely take
classes during the summer. Considering my complete crash
and burn this spring, it’s probably a good thing I’m not
taking classes now.
I guess I never got over being a child, when summer
meant impromptu baseball, and early evening family drives
to the watermelon stands lining the
road up Petit Jean
Mountain, and
eighborhood children collecting lightning bugs in
Mason jars. And, for me, it was always swimming, swimming.
There was no
longer vacation in the summer, no
spelling tests, no periodic charts of the
lights.
Later, there was the lake, Dardanelle Lake,
on the Arkansas River. My older sister, Becky, and I pooled
our funds one afternoon, rented a bass boat, and taught each
other how to water-ski. It was frequently comical, and
potentially humiliating, but it worked; and it remains one of
my favorite memories.
There were no pressures to remember lunch money, or
to make sure the letters of the alphabet filled up the spaces
between the dotted lines, or to know the rules for blank
verse.
I met my wife during the summer. Some friends invited
me along for a weekend in the North Carolina mountains,
and she was there on the church steps, to ride along with us
and show the way. We bought tiny newspapers in towns
along the way and giggled over the local news.
For several years, before I returned to school, I lost
touch with summer. Usually, I was sweating in some
warehouse, driving a forklift or taking inventory, and too
counted up in chasing the rent to notice the potential for
leisure. In the evenings I stayed inside, and before long, the
alarming buzz of cicadas faded from my recollections.

A Legacy
by Jerry T. Hopkins

Memory is a legacy we leave when we depart this life,
but if left without a reminder, it will too wither and die.
The sunlight’s reflections on the Grecian Urn containing
the essence of what you were, of what you are and
what you will be, proclaim to the world that the Sun is
the diffuser of your memories.
By breasting the currents of life, you become one with nature.
Threatening rain from a summer stream murmurs
tranquility to trysters nearby. And the distant call of a
whippoorwill signals the coming night when young
hearts will meet to see if they are meant for each other.
These are but a few of your memories conveyed by those
forces of nature essential to life.
Oh, though you have bowed out on that tropic journey
of your ultimate destiny, you will emerge again — perhaps
on some foreign and unfamiliar shore.
And if we happen to meet, we will not recognize one
another, but a silent whisper in the wind will stir the
chemistry that unites us.
We are one after all.

TMS Comic Strip
Character ‘Grimmy’ Added to CBS Fall Lineup

Tribune Media Services, Inc. announced today that its
nationally syndicated comic strip canine character Grimm,
the brainchild of Pulitzer Prize-winning cartoonist Mike
Peters, will join CBS’s prestigious Saturday morning cartoon
lineup this fall.
CBS has ordered 13 episodes for the popular character,
whose unmistakable face has become recognizable through
the comic strip Mother Goose & Grimm, which was launched
by TMS on October 1, 1984. Grimmynow is licensed through
MGM-Pathe and runs every week in the exponent.
Peters, the author of the strip is currently syndicated in
approximately 550 newspapers worldwide.

Mike Peters, political cartoonist for the Dayton (Ohio) Daily News


dominating college lecture rooms and student unions.
Is multiculturalism really a monster in disguise, as
these clean-scrubbed youngsters would have us believe?
Of course not.
Conservatives have a very interesting perspective on
life. When their views are promoted widely, that’s just
freedom of speech at work; when liberal viewpoints are
presented, it’s more proof that the media (and/or educational
institutions) are biased. It’s another way of saying, you can
think anything you like, as long as it’s the way I think.
It may come as a shock to conservatives, now wailing
in the wind, but the triumphs this country has known in it’s
short history have been won through the sweat, innovation
and determination of many men and women of various
classes, races, and points of view.
The conservatives’ pitiful cries that their philosophy is
being drowned out are not justified.
The Same-Old-Line is sounding more than a bit tired
to the millions of folks who’ve waited year after year for
their time to come.
The American Dream is an idea that is still alive,
barely.
The Reagan and Bush administrations have pushed
that dream farther and farther out of the reach of the average
American.
And those white-gloved politicians have maintained
their smirks, jolly-talk, and red-white-and-blue flag waving
even as they’ve widened the gap between the rich and the
poor.
Social scientists predict an entire generation will suffer
greatly because of a conservative agenda that gives low
priority to the health and education of this nation’s working
and middle classes.
And conservatives are whining because there are folks
who dismiss the right-wing line as cow manure.
Banning the voice of conservatives on campus isn’t a
valid or highly democratic recommendation. The Bill of
Rights protects the individual’s right to say just about
anything — and that’s what makes this country great.
But as for me, I plan to invest in a good pair of boots
soon. Really soon.

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another, but a silent whisper in the wind will stir the
chemistry that unites us.
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**Letters**

**In Response to 'Are Police on Campus Really Necessary'?**

I can not believe that someone would ever have that many loose places in their head to develop such a reasoning. I personally would have a hard time driving on campus without the campus police. It is bad enough now when driving by campus housing not to have to go around cars parked on the street, the same is true in front of Morton hall, or on the south side of Morton hall. Persons allows others to ride with them, and then wish to stop near to a building to let the passengers out close to the building. Worse when it rains. Nice for the passengers, but mean and inconsiderate to other drivers on the highway that wish to go somewhere else.

Twenty minute parking spots and service vehicle parking spots, are a nice way to allow the working people to do business on campus, if all parking was open then the normal business activities of the campus would be much harder. Students know when there are classes are, and if the students exercised any real understanding of traffic and timing, they would start at the back of the parking lot looking for a place and park in the first available parking spot. They would have a slightly further walk, but would arrive at their destination building's door much sooner than if they cruised the parking lot looking for a (nearer) place to park.

When I was a full time student it became apparent after a day or two (I'm a slow learner) that driving between classes was more time consuming and stressful, then parking in a central spot and walking to various classes.

The most sensible thing that could be made to allow better access to buildings with class rooms would be to create a sign worded 'employee parking' and place it...

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**Dear Sir/Madam**

We vouched to do everything possible to make sure that Fort McClellan would not close. We said the base was too important to this nation's national security to be shut down. We let the world know that it was ratifying the Framework Agreement.

And we said that closing the fort would have a detrimental effect on training our National Guard which is the largest in the country.

Therefore, the back was stopped on May 23 in Tallahassee when I met with Amiston Mayor Bill Robinson, U.S. Rep. Guts Browder, former commanding general of Fort McClellan Gen. Alan Nord, retired Gen. David Einsel and retired Gen. Peter Hidalgo to explain to the Base Closure & Realignment Commission why the fort should remain open.

I believe the testimony presented clearly showed that Fort McClellan should not be closed. We told the commission that we have taken great strides in Alabama to strengthen our economy by creating job opportunities for our people. The closure of Fort McClellan would severely impact the northeast region of our state. An economic impact study conducted by Jacksonville State University indicated that the employment attributable to the fort was more than $15,000 and the annual economic impact was $672 million. We told them that these are difficult numbers for any area to overcome, and especially difficult in a state like ours, which is small in population.

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**Letter from the Governor**

It was great to hear the Base Closure and Realignment Commission announced Ft. McClellan would remain open. My congratulations go out to the people of Calhoun County who worked vigorously to keep Ft. McClellan open. You did an excellent job and your effort made the announcement a joyous one for all.

As governor, I was pleased to work with the local and federal officials to fight for the base to remain open. We created a task force, toured the base, met with the Defense Secretary Dick Cheney, and attended the Base Closure and Realignment Commission meeting this spring to express why the base should remain open.

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**Pulse & Γreek**

**JJuly 17, 1991, Wednesday**

**CKI**

Hey guys!! We still meet over the summer at 6 pm, Tuesdays, in the UC lobby. Several projects are going on over the summer. As a fundraiser, we are selling ads for a calendar to be given away to UAH students this fall. $500 worth of ads have already been sold!! Also, we will be selling coupon packs (with some major coupons). If you want to earn some brownie points and help with these projects, call Gill (883-9193).

There are also some service projects: a "Kids Karnival" is scheduled for the fall, and we are looking for ideas for the ARC. (The district governor Shaffer might join us for this!)

The Valley Rally was held July 13 at Point Mallard. It was great. We got to meet members from other division clubs. Good work, Dail!! International Convention is August 17-21, YOU CAN STILL REGISTER. Call Heather (883-7464) for more info!

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**CALENDAR**

The following are the dates for the last classes of the Summer term:

- Eight Week Term: MWF - 8/12/91, MW - 8/7/91, TT - 8/13/91.

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**In Response to 'Are Police on Campus Really Necessary'?**

I believe the testimony presented clearly showed that Fort McClellan should not be closed. We told the commission that we have taken great strides in Alabama to strengthen our economy by creating job opportunities for our people. The closure of Fort McClellan would severely impact the northeast region of our state. An economic impact study conducted by Jacksonville State University indicated that the employment attributable to the fort was more than $15,000 and the annual economic impact was $672 million. We told them that these are difficult numbers for any area to overcome, and especially difficult in a state like ours, which is small in population.

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**Gays & Friends**

Special thanks to Scott and Thom for their work.

The week ended with The Prom You Always Wanted. When the Gay Community Awards were presented, Johnny West was selected Gay Man of The Year for Huntsville; Gays and Friends won The New Organization Award; a group won The Me­dia Award; Patrick Haden and WLRR received Certificates of Appreciation.

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**Letters**

**Kenya Students Request PenFriends**

Dear Sir/Madam

Hello! We are two boys both 19 and we would love to have penfriends from you nice campus. We have always known about your campus and we in fact plan to come and study there.

Let us introduce ourselves. Our names are Walter Ociendo and Patroba Oyang Omero. We are in University majoring in International law and telecommunications Engineering. Our hobbies and interests are collectively: Aviation and Aerospace Sciences, Astronomy, Science, Drawing Fine Art, Cultures and foreign languages, reading, collecting stamps, coins, costumes, souvenirs, environmental studies, youth activism and volunteer work. Of course we do have lots of other hobbies which we also devote time to.

Your campus being in Huntsville, the city we love to call "Space City" is an ideal place to look for friends, who can tell us more about the wonderfully successful US space program. In fact, we appreciate your campus' role in the "Space Camp" film. We are sure to many people would want to visit your campus for the space camps. To get back to business, we gladly would welcome any UAH students as our penfriends. Please accept our thanks and best wishes we sign off.

 yours faithfully

Patroba & Walter Oyang
P.O. Box 60000 Nairobi
**PHYSICAL EDUCATION SCHEDULE**

**DIVE INTO FITNESS.**
Register for a Sports & Fitness course now!

**Registration Information:**
UAH students may register for HPE classes by calling the Continuing Education Business Office at 895-6010, Monday through Friday from 8:30 a.m.-Noon and 1-5 p.m., or, if outside the Huntsville/Madison County area, call toll-free 1-800-448-4031. Visa and MasterCard accepted.

To register in person, come by the Continuing Education Business Office located in the Tom Bevill Center on the UAH campus during the above stated hours.

For more information, call 895-6007.

**AQUATICS**

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<thead>
<tr>
<th>Course</th>
<th>Time</th>
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<th>Instructor</th>
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<tr>
<td>HPE 197-037 Inter Deep Water Workout</td>
<td>9:23-10:25</td>
<td>SH/110</td>
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<td>HPE 150-02 Beg. Swimming (HPE 143-01)</td>
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**DANCE**

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**ACTIVE FITNESS**

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**CAMPUS FACILITIES**

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**HPE 199-21 Social Dance IV**

**HPE 220-01 Scuba (2.0)**