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Outstanding graduates honored

Williams, Willhite cited for achievements

Cheryl Williams and Irene Willhite were recently honored as the Outstanding Graduates in Political Science for 1986 at UAH.

Standing with the pair is Dr. Tommy Williams, chairman of the UAH political science department.

The recipients attended an annual initiation of new members to the Alpha Phi Sigma and Pi Sigma Alpha honor societies.

Alpha Phi Sigma is the national criminal justice honor society and Pi Sigma Alpha is the national political science honor society.

Members of the two societies must keep a 3.2 grade point average in their major and at least a 3.0 overall grade point average.

Madison Country District Attorney Bud Cramer was the guest speaker.

Need help? Check out Special Services

by Claus R. Martel
staff writer

It is three weeks into the quarter and you still cannot conjugate those darn verbs to save your life? Four weeks into the semester, and E equals MC squared is as clear to you as wissenschaft? Do not panic! A call to Special Services may be all that is needed to help you over the rough spots all of us face in college.

The Special Services Program is a federally-funded program which offers free tutoring to all qualified students. According to Ms. Pam Smith, Tutor Coordinator, students can receive tutoring in a variety of subjects such as English, engineering, computer science, statistics, accounting, biology, chemistry, physics, and foreign languages.

"Tutoring and other services, such as personal adjustment counseling and study skills training, are designed to supplement classes rather than replace them," said Smith.

Students can also receive assistance via workshops in reading, writing, spelling, and term papers. Dr. Letha Bennett, Special Services director, added that all assistance is given on a "first come, first serve basis. Space in the program is limited, so don't wait until finals for help."

The Special Services Program also accommodates handicapped students, as well as full and part-time students.

If you would like more information on receiving help from the Special Services Program or would like to tutor for the program, call 895-6006 or stop by the Special Services Office located behind Morton Hall in Annex A.

Remember, when the going gets tough, give Special Services a call.

SGA urges UC parking spaces restored

The SGA passed the following resolution Monday night at their weekly meeting:

WHEREAS, parking in the University Center parking lot is already in short supply and
WHEREAS, this shortage of parking space causes students difficulty in getting to their classes on time,

Be it hereby resolved that the LEGISLATURE OF THE STUDENT GOVERNMENT ASSOCIATION OF THE UNIVERSITY OF ALABAMA IN HUNTSVILLE strongly urges that the parking spaces directly in front of the University Center recently reassigned to visitors parking be changed back to general parking.

Notice: Road closed

The portion of Loop Road from the Continuing Education Center north to the Holmes Avenue extension is being closed to traffic for the next four-to-six weeks. This is necessary because of the rerouting of Loop Road as part of the Bevill Center project. Therefore, all vehicular traffic to and from the Science Building during this period will have to use the Holmes Avenue extension which was recently changed to two-way traffic.

Your cooperation and understanding during this inconvenience will be greatly appreciated.
Tenbrunsel named to head UAH advancement efforts

Dr. Thomas W. Tenbrunsel, Assistant Director of Development and Director of Foundation Relations at Michigan State University, has been selected to head up the advancement efforts of UAH, according to President John C. Wright.

Tenbrunsel will succeed James T. Simpson as Executive Director of University Advancement at UAH. Simpson is returning to the University of Alabama in Tuscaloosa to pursue a doctoral degree.

In his new role, Tenbrunsel will also serve as Executive Director of the UAH Foundation and will supervise the operations of the UAH departments of Alumni Affairs, Development, Governmental Relations, and University Relations.

"UAH was created to meet the educational needs of North Alabama, but now it has a broader mission of helping to meet the nation's present and future technology requirements," Tenbrunsel said.

"I'm excited about that, and about the fact that, at UAH, an individual can make a real difference. The opportunity to build a deeper relationship between UAH and the Huntsville community is another strong attraction. And, I'm looking forward to coming home to the South."

Tenbrunsel was raised in Nashville, Tennessee. His parents still live in the home where he grew up. He attended college in Kentucky and Missouri.

In making the appointment announcement, Wright pointed to the importance of the university's advancement function and to Tenbrunsel's role in it.

"UAH and Huntsville have been partners in progress for over 30 years now, but the necessity of that partnership has never been stronger than today," Wright stated.

"Tom and his team are referred to as 'advancement' officers because that title aptly describes their task: working with the leadership of this community to advance Huntsville and its potential to benefit Alabama and the nation. There is no one better qualified to direct that effort for UAH than Dr. Tenbrunsel."

Wright also lauded the members of the UAH Foundation for their help in the national search to identify the new executive director and for the many years they have nurtured UAH and encouraged its growth. This group of Huntsville business and civic leaders was instrumental in the university's founding and have long coordinated endeavors to maintain its support.

Members of the Foundation joined with Wright in welcoming Tenbrunsel to UAH.

"Tom's experience in foundation relations with a major university like Michigan State will be very valuable to us as UAH continues to mature," said Charles E. Shaver, Sr., President of the UAH Foundation. "I'm sure this will prove beneficial as the foundation moves toward an enhanced relationship with the university, building on the strong association developed over the past three decades."

Foundation member W.F. Sanders, a financial consultant with Robinson Humphrey Company, Inc., made reference to Tenbrunsel's function as a university fund raiser.

"We all realize how important private contributions, both corporate and individual, are in providing for our university the level of excellence and service this community requires. We are delighted someone of Dr. Tenbrunsel's caliber has agreed to assist us in this cause."

Local Chamber of Commerce General Manager Guy Nerren, who serves as Foundation Secretary, expressed confidence in UAH and appreciation for its contributions to Huntsville.

Dr. Thomas W. Tenbrunsel

"Many companies that presently support our local economy chose to come here because of the presence of a quality research university," Nerren said. "There is no better example than the recent public pronouncements of LaserVideo, Inc. that the UAH optics program was a key element in their relocation to Huntsville. This is the kind of development that John Wright and, now Tom Tenbrunsel, can aid us in gaining for our community."

In addition to his advancement work, Tenbrunsel is presently a licensed psychologist in Michigan, an adjunct professor in MSU's College of Communication Arts and Sciences, and a consultant with such organizations as Prentice-Hall Publishing, Grants Research Inc., and Medical Group Services Inc.

He has previously served as Director of Research and Evaluation at the Capitol Area Comprehensive Health Planning Association of Lansing, Michigan, and as an Associate Professor in MSU's Department of Urban and Metropolitan Studies. Tenbrunsel has conducted a number of workshops and written several books on grantsmanship and fund raising, and has delivered numerous presentations and reports at advancement professional gatherings.

Tenbrunsel received his B.A. degree in Psychology from Bellarmine College of Louisville, Kentucky, and both his masters and doctoral degrees in that field from St. Louis University of St. Louis, Missouri.

He will assume his duties at UAH as Executive Director of University Advancement and of the UAH Foundation in mid-July.

YOUR BSN IS WORTH AN OFFICER'S COMMISSION IN THE ARMY.

Your BSN means you're a professional. In the Army, it also means you're an officer. You start as a full-fledged member of our medical team. Write: Army Nurse Opportunities, P.O. Box 7713, Burbank, CA 91510.

ARMY NURSE CORPS. BE ALL YOU CAN BE.
Over $352,000 raised

Annual fund drive surpasses goal

Campaign leaders and officials of the University of Alabama in Huntsville announced on May 29 that private contributions and commitments valued at more than $352,100 have been received during the 1986 UAH Annual Fund Drive.

According to UAH President John C. Wright and Annual Fund Chairman Gene Sapp, President of SCI Systems, Inc., that figure is 6 percent higher than this year's $330,000 goal.

Sapp said four teams of local volunteers "have diligently canvassed the community," including individuals, businesses and corporations, on the university's behalf since the drive began in late March.

"I've said many times during the drive that UAH is a vital force in the community," Sapp said. "The efforts by these volunteers and the response they've received from the community are dramatic evidence of this reality."

Wright said the contributions will help deserving students finance their educations, assist UAH in attracting additional outstanding students, and permit the university to continue to support instrumental in the university's forming and have long coordinated

"We can do this only because of the strong leadership and support the Huntsville community as a whole provides to UAH," Wright added. "On behalf of the faculty, the staff, and especially our students, I express our most sincere thanks."

Sapp was assisted in the campaign drive by the following division team leaders: Business, Jerry Thomas, Vice President, SCI Systems, Inc.; Professionals, Joe Ritch, Attorney, Sirote Permutt Friedlander & Apolinsky; and Friends, Peter Cobun, The Huntsville Times.

Support to the Annual Fund also comes from the faculty and staff of UAH and from UAH alumni.

Restricted contributions to the fund are used as donors instruct. The bulk of the unrestricted contributions finances student scholarships and help meet other immediate needs of the institution's academic programs for which no other funding is available.

UAH offers scholarships to participants in science fair

In a joint effort between the School of Science and the physics department at UAH, two high school students were offered scholarships at the 37th Annual International Science and Engineering Fair. Students from around the world, who have already won at the local and regional level, packed into the competition held in Fort Worth, Texas, the week of May 16. The scholarships were offered in the areas of physics and optical sciences.

This is the first time UAH has provided scholarship money for this competition, and only one other university, Ohio State, offered scholarships at the fair. Most of the awards were provided by corporations, professional societies and government agencies. The UAH awards were based on the findings of Dr. J. Gneume Duthie, chairman of the physics department at UAH, and Dr. John L. Johnson, member of the research staff at the Army Missile Command in Huntsville.

Jackson Hoa-Wai Jung, a sixteen year-old senior attending Alhambra High School in Alhambra, Cali., was offered the UAH scholarship in the optical sciences area. Jung's entry involved the characteristics of a nucleus in a ruby rod. By illuminating the rod with a pulsed laser beam, he observed the way in which light in the rod decayed in a completely darkened box and in a box packed with a reflecting powder. In this manner, he was able to show that the fluorescence lasted longer in the second case. Dr. Dutchie, who helped judge the entries, said, "This was a rather complicated experiment. The student took very careful measurements and clearly understood his research material."

The physics scholarship was offered to Judson Stryker, III, who impressed the judges with his entry entitled, "Measuring Brownian Movement." Stryker, a junior at Mainland Sr. High School in Daytona Beach, Fla., used a microscope to observe the movement of droplets of ink. With a videocamera, he recorded the motion, then plotted the pattern of molecular movement on paper placed over his television screen.

"This experiment demonstrated a clever use of household materials to observe a fairly fundamental phenomenon," Duthie explained.

The students will both receive an opportunity to attend UAH on a full tuition scholarship that also includes an allowance for living expenses. "The nature and quality of activities in the School of Science are becoming known outside the Tennessee Valley area, and I am particularly pleased with an opportunity to attract students of this stature," said Dr. Harold J. Wilson, Dean of the School of Science.

The scholarship support by the School of Science and the physics department for the International Science and Engineering Fair underscores the emphasis on optics at UAH and the importance of related fields, physics, engineering, and mathematics.

Professor earns top award at annual mini-work show

Michael Crouse, chairman and associate professor of the UAH art department, earned the top cash award at the 8th Annual Mini-works Art Exhibition held at Jacksonville State University.

Crouse's two untitled entries were chosen for the cash award. The entries are part of an ongoing series of urban and suburban landscapes and were done in water color and colored pencil.

Bruce Bobick, chairman of the West Georgia College art department, was the juror.

Crouse also had two entries accepted in the 5th Annual Central State Art Exhibition held at Jacksonville State University.

One of Crouse's two untitled entries was chosen for the cash award. The entries are part of an ongoing series of urban and suburban landscapes and were done in water color and colored pencil.

Professor earns top award at annual mini-work show
Heart-to-Heart with Kephart

by Jack Kephart
staff writer

EDITOR'S NOTE: The following editorial by Jack Kephart may contain language that is offensive to some people. The writing is strictly that of Mr. Kephart, and although The Exponent does not always agree with his ideas, we value Mr. Kephart's writing ability.

Madeline Murray O'Hare is America's most famous atheist and the person most responsible for the Supreme Court decision that stopped segregated prayer in the schools. O'Hare even forced children to pray every morning. Madeline once said that agnostics were just atheists with no guts. Actually, I believe she said "no balls," but I don't know if you can say balls in a student newspaper without saying it as in foot(balls) or base(balls) or basket(balls) or, in the case of UAH, hockey (balls). But that is what old Madeline said. It is probably a pretty sexist thing to say that whether or not a person is born with testicles has anything to do with courage. (English departments across the land need to start working on a gender-neutral equivalent for balls. Eggs crossed my mind as a feminine parallel, but "she's got a lot of eggs" just doesn't sound tough enough.)

Because of all the fearsome foolishness of the Christian right, I had planned to write a column on how great it is to be a secular humanist agnostic and how terrible to be one of those born-again weirdos (and how come they didn't get born right the first time) that don't like nobody but each other and money and prayer. But when you make fun of them, and it is an easy thing to do, you start throwing insults around that it's good people.

H.L. Mencken said that a Puritan is somebody who lives in fear that somebody somewhere is having a good time. Our New Puritans— the top citizens of Reganville—are mostly upset that people across the country are living out their lives without paying attention to them. They can't stand that— they believe that to proselytize means to pass laws forcing people to do as they do. They are obscene and unAmerican.

Our country, after all and in spite of what is said, is not a Christian nation: It is a nation that allows Christians the same freedom as it allows any other religious group—no more and no less. It is a nation that is rooted in the traditions of Western Christianity, but it is also a nation founded on democratic laws and principles and those principles and laws must take precedence over the traditions when there is a conflict that cannot be worked out.

This is, of course, not a new conflict; it is just that the Christian right has raised so much money and stirred up the hearts of so many of the mean and ignorant that it is getting to be fear time again. Falwell's new group, Values Through Media, is really crowing about getting the Seven-Eleven stores to take Playboy and other anesthetic magazines off their shelves. Playboy is much more innocent in content than the Bible. The most awful thing Playboy ever did was hire Ron Reagan the younger as a writer and then lie about why they did it. Seven-Elevens will still sell Mad Dog to wino's and beer to teenagers so they can use their cars to kill each other the American way. Playboy is silly, sometimes funny, and usually uncorrupted. The people at Values Through Media and like organizations are vulgar religious fascists (a nice old word from days past).

But wait— I want to make sure that those insulting phrases of mine do not extend to the decent folks that are Christian and conservative. Some of my best friends are white people that go to church and are just as traditional as Elvis on black velvet— I'm even related to some people like that. The difference is that these people let the way they live their lives be their examples. They are not so insecure in their religious beliefs that they have to demand that everybody else come along.

Agnosticism: It is odd to me, as an observer, that there seems to be little rhyme and reason as to why some people are believers and others are not. There is some truth to what the filthy commies say about religion being the opiate of the masses, but within any class or group where all the social factors remain the same there are always some doubters—and these doubters are not necessarily more intelligent or better or loaded down with lots of bad luck or good fortune. They just doubt.

And believing or not believing is one of the most important decisions that a person can make. It ranks right up there with moral decisions like to kill or not to kill, hate or not hate, or whether or not to go to law school.

I believe that a lot of people believe out of inertia. They just say, what the Hell, it can't hurt. There's a lot to gain and nothing to lose since I'm getting at the age where sinning is more trouble than pleasure and my new stomach gets in the way anyhow.

I believe sometimes—when I hear Hank Williams the elder sing "I Saw the Light" or Kris sing "Why Me, Lord?" I believe. Right up to the last note. And like most agnostics, on the best of days, in great and gracious parts of time, there is doubt in my doubt. Then Reagan says something and absurdity reigns again.

So all you secular humanistic liberals with hearts that bleed better hang in there. They are after us again. And it's about time, too.

Remember how much fun it was, how intense it was to discuss religion back when you were young—of course since this is a student paper, and if anybody is reading it, there is a good chance that you are still young. In high school we would gather Chevys and Fords in a circle like a wagon train protecting ourselves from the old folks out there. In college it was in stoned corners in dorm rooms or cheesy apartments that always smelled like feet—with the doors guarded to keep out our hillbilly ancestors and their simple thoughts. In the Army it was lying about your fears in places a million miles from reason. Wherever, it was always the same. The elixir of choice might be vodkas or beer or grass or foreign powers, but the idea was to make a circle and call up God so that we could reason him out for what he was doing to us. Some of us decided that there might not be a God or that there might be a God that was concerned and what awful thoughts those were to think.

What about a God that would do something like this: Abraham, the very first Jew, is minding his own business, raising crops and a family. So God comes to him and says, "Abe, slay Isaac. Sacrifice your first-born son to me."

Now Isaac, if he had any of those previously mentioned testicles of courage, would have said, "Not me, Lord. You want to do something that awful—do it yourself." But he didn't, so he started to carve up his own son. Can you believe that?

Then God came and said, "Hold it Abe. I was just kidding. I wanted my own son. Can you believe that?"

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Then God came and said, "Hold it Abe. I was just kidding. I wanted you to prove your love."

And Abe said, "Who?" Isaac probably moved out after that. Just for silly's sake, think of what would happen if God came to Ronald of Reagan and said, "Ron, old buddy (they are very close), you must sacrifice your son, Ron the Junior, to show that you believe."

Nancy would say, "Ronnie, ask him if he'll take Patt'l God. Have you read that book she had written about..."

God would say, "Shut up Nancy. Ron, I want Ron junior and I want him now."

Ron would say, "All right God, What's one less Playboy editor anyway."

Faculty evaluation forms are inadequate

Dear Editor:

I am concerned that the current faculty evaluation forms are inadequate in determining the good professors from those who are not. These standardized forms do not allow the faculty member the chance to know why they were rated as they were. I have enclosed a list of factors that I consider basic to "good" professors.

ALWAYS:
1. Adjust student grades when something was counted off incorrectly. If it was worth counting off then it's worth adding back.
2. Follow up on all promises or agreements. Verify results or progress.
3. Give students a break during a two-hour class.
4. Be concerned about student's progress—don't just act like you are.
5. Remember personal hygiene is appreciated.
6. Be available during office hours or leave a note—better yet, leave a sign-up sheet for appointments.

Periodically:
7. Show up for appointments and class on time.
8. Verify results or progress.
9. Become so busy doing research that students become merely an imposition.
10. Interject personal information about students in the classroom.
11. Talk during tests or assignments.
12. Repeat a test during the last half of a class.
13. Penalize for your errors or misinformation.
14. Trivialize the seriousness of plagiarism or other forms of cheating.
15. Forget that students have feelings and expectations too.

Name Withheld by Request
Former A&M student receives UAH PhD

Just two short years ago, if someone had told Paul Ruffin he would receive his doctorate degree from UAH in physics, he might have looked at them with doubt. "The graduate program at UAH is extremely challenging, and two years ago I ran up against a solid wall of resistance," Ruffin explains. But this determined young man, who concentrated his graduate program in the study of optical fibers, was among the more than four hundred graduates to file across the stage May 31, during the solemn but joyful UAH commencement ceremony, for he found within himself the strength to push past the frustration in order to make a dream he has held close to his heart since high school a reality.

"I wanted to be a medical doctor when I was young. That all changed when I took my first physics course in high school." At seventeen, Ruffin made a decision to work toward a doctorate in physics. Most teenage dreams fade, or change many times before adulthood. Such was not the case for Paul Ruffin. "May 31 literally felt like a dream come true," he said. While earning a doctoral degree is most impressive under any circumstances, the path Paul Ruffin took toward that accomplishment seemed particularly difficult and rewarding. He was one of a small, but growing number of students who worked full-time while pursuing a graduate degree. He maintained membership in the Society of Physics Students, Sigma Pi Sigma, physics honorary, and the Alabama Academy of Science while at UAH. Additionally, he balanced roles as husband and father throughout the course of his graduate study.

Even with the many and varied responsibilities, he managed to complete the requirements for his degree within a reasonable length of time. He began courses at the graduate level in 1977. By 1982 he earned a master's degree in physics from UAH. Although he was not officially admitted to the doctoral program until 1983, Ruffin completed several courses toward his doctorate prior to obtaining the formal admission.

Ruffin has a ready answer for the inevitable "What Next?" question. He plans to continue investigating optical fibers, and will remain with the Missile Command. "I love Huntsville, and I want to make my home here," he said. Ruffin, who plays the guitar and is active in his church, anticipates more time for both now that graduation is behind him. He will continue to teach physics on a part-time basis at Alabama A&M as well. "The best way to learn is to teach," he asserts. "Of course I also plan to spend a lot more time with my wife and daughters. Who knows? Perhaps one of my girls will go to medical school, fulfilling my earlier dream," he said.

Dr. Paul Ruffin is shown here with equipment used to measure signal attenuation in a precision wood-optical fiber.

Bama's newest trendy tradition is video yearbook

by Judith Baer

Recently, the University of Alabama in Tuscaloosa introduced a new concept in yearbooks—the video yearbook. Bama Tide Video (BTB) is the first of its kind in Alabama and one of only a few such organizations across the nation.

Run entirely by a staff of eight students, BTB is located on campus. Yearbooks, a company operating out of North Carolina, sponsoring the organization at this time, providing the equipment and allowing BTB to run this year at no cost.

Graduate student Marc Beaudoin, BTB's first editor, stresses that their product is as "diverse as the campus itself"—subjects filmed by BTB range from fraternity parties to the Miss Essence Beauty Pageant. University life is the theme of BTB and any event pertaining to that theme is likely to get covered.

BTB is set up much like a newspaper with reporters covering a particular area such as Alabama's Athletic Department. The reporters meet every Sunday to discuss their stories and look over a chart of campus events, making sure that every facet of campus life is fully covered. After taping, a music track is added to certain stories, the selection of which is left to the staff. Some of the major campus events scheduled to be forever captured on film by BTB include: the Alabama-Auburn football game, SGA elections and the Mardi Gras celebrations. According to Beaudoin, subjects such as a couple holding hands or a frisbee game, although perhaps not as newsworthy as Spring Fling, will also appear on the tapes.

Bob Levitan, a graduate of Duke University, started Yearlook in 1983. His company now has yearbooks at 12 different colleges across the nation. The reason Leviatan chose Alabama as the first southern recipient of a video yearbook was because of the university's overwhelming school spirit. "People are proud to be at Alabama," Levitan said. "They want to remember their stay there."

Starting next year, BTB, which already has the University of Alabama Media Planning Board's approval as an official student publication, will begin selling its own videos. Beaudoin said that the videos will be "professionally edited" by Yearlook, and that the "majority of the profits will go to the University."

As the venture has been a profitable one thus far, Beaudoin said BTB has received "a good reception," (continued on page 11)
Communication arts degree offers diverse job fields

by Claus R. Martel
staff writer

Editor's Note: Throughout the summer, The Exponent will present a series of features on different courses of study available here at UAH.

Part 1 of our series is focused on the Communication Arts Department.

Question: A degree in Communication Arts will prepare a student for which career field?

a. Radio/Television Broadcasting
b. Public Relations
c. Technical writing
d. Any career field
e. All of the above

If you chose “e,” you would be correct. According to Dr. Harold Lloyd Goodall, Jr., Associate Professor and Chairman of the Communication Arts Department here at UAH, “the Communication Arts Department offers a degree that is diverse in its emphases, has a central core in the foundations of rhetorical theory and criticism; from that, (students) can build the kind of program that will allow them to get the kind of job that they want.”

According to Goodall, students majoring in Communication Arts can elect to concentrate the focus of their studies in areas such as Radio and Television Broadcasting, but UAH does not offer such a degree per se.

“We have a cooperative arrangement with Alabama A&M whereby students take studio courses in Radio and Television Broadcasting at A&M, take courses in media theory and criticism (at UAH), and receive their degree in Communication Arts from UAH.”

Other areas students can elect to focus their studies include areas such as organizational communication, journalism, public relations and technical writing.

But courses in Communication Arts are not just for those who wish to pursue a degree in this area. Dr. Goodall emphasized that all students, regardless of major, could benefit from CM113, the basic speech and communication course.

“Students in CM113 are essentially taking a public speaking course in which (students) learn how to research ideas, organize them, and present them to a public audience. Students also learn how to do research for a public presentation by conducting interviews, doing surveys, library research, and then how to organize the data into a manageable form for a public audience.” Goodall added that the course builds confidence for public speaking, a skill that will be needed in the job markets of today and the future.

Goodall also stated that public speaking is important because it is the “cornerstone of democracy.” He continued by explaining that “history has taught us in the times of great democracies, public speaking has flourished. Cicero’s ideal of the ideal citizen was the good man speaking well. The first thing a tyrant does is to suppress free speech. If the electorate is not well informed, tyranny is encouraged. This is the level of seriousness that this department feels students should approach learning how to speak.”

For more information on pursuing a course of study in Communication Arts, taking a few courses in Communication Arts, or for those who wish to support “the cornerstone of democracy,” contact the Communication Arts Department at 895-6645 or stop by room 232 in Morton Hall and speak to Goodall or any member of the Communication Arts faculty.

Fourth graders turn UAH creek into outdoor class

by Melissa Thornton
for The Exponent

To many, the creek winding its way across a portion of the UAH campus near Sparkman Drive may appear as little more than a runoff from the duck pond. Others are not aware of this little stream’s existence at all. Perhaps a new look at the creek through the eyes of a nine year old child could prove refreshing and even enlightening.

Throughout the month of May, Jim Black and Dave Brotherton of the Huntsville City Schools’ Monte Sano Environmental Center guided area fourth graders through water awareness activities, thus turning the UAH creek into an outdoor classroom.

During the month over 500 children from several area schools combed the creek’s banks for evidence of animal and insect life. By using a large net or “seine”, the children were able to observe even the gilled inhabitants of the creek. Their efforts revealed as many as 27 different types of animals and insects, including fish, crayfish, tadpoles, turtles and a stray duck or two.

“The children enjoyed studying animals in and around the creek,” Black said. “Then, they charted a food web from their findings,” he added. This exercise helped drive home the importance of water by showing how plant and animal existence, including our own, relies on water.

“The water awareness program was geared toward fourth graders, but a group of gifted and talented fourth and fifth graders also participated in the study. The activity was similar to a pond life workshop held for teachers that was administered through the environmental and energy education program by UAH’s Johnson Research Center.”

“We were aware of the UAH creek due to past environmental programs we’ve done in conjunction with the Johnson Center,” Black stated. “The creek provides a very natural setting for our study, unlike many of the streams around Huntsville that were originally formed by bulldozing,” he explained.

The study of UAH’s creek culminated the children’s water awareness outing, which also consisted of a trip to the city’s water treatment facility, Big Spring.
ATO received the True Merit Award

The Alpha Tau Omega fraternity of UAH has been recognized by the national ATO organization for its outstanding community service during this past year. They received the True Merit Award, which was presented to only 15 of the 156 chapters, and received first runner-up for the ATO Foundation Community Awareness Award.

Their past activities include: a Big Brothers/Big Sisters Year-End Picnic; the ATO Halloweem Party, from which the proceeds were given to the United Way; a Balloon Derby, from which the proceeds went to the Cystic Fibrosis Foundation; a joint sponsoring of children to the Holiday Magic Circus; a Comedy Spot, from which the gate proceeds went to the Kiddie Korner, a local day care center; the co-sponsoring of a night at the UAH Medical Clinic Audiorium; and awards ceremony on Friday evening, June 20, at the Redstone Arsenal Officers' Club. The reception will begin at 6:30 p.m. with hors d'oeuvres and a cash bar. Presentation of awards from the faculty to the residents and the residents to the faculty will begin at 8 p.m.

For further information on the awards ceremony, please contact Kathy Geren at 536-5511.

The Exponent

The University of Alabama in Huntsville student newspaper

Interim Editor: Nancy A. Parker
Business Manager: Judy Drinnon
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UA holds business workshops in Decatur
The development of administrative skills and financial management of small businesses will be discussed in two workshops being offered in Decatur by the University of Alabama. Both two-day workshops will be held July 15 and 17 at the Ambergate Suites Hotel.

"Developing Administrative Skills" is designed to teach supervisors, foremen, department heads and other management personnel to improve their planning, organizing and controlling abilities. Topics to be discussed include time management, appraising employees, coaching performance improvement and directing and delegating.

"Financial Management for Small Firms" will help owners and managers increase profits, control internal finances and increase chances for growth. Subjects for the workshop include practical financial planning and budgeting techniques, inventory management systems, credit collection management and financial issues, all specifically in relation to smaller businesses.

Program instructor Thomas A. Wingenter is the director of professional and management development programs at the UA College of Continuing Studies. He has served as a consultant for approximately 1,000 small companies.

The fee for the administrative skills workshop is $140, and for financial management, $170. A 10-percent discount is offered to firms sending three or more participants to a workshop. For more information call registration services at 348-3000 or toll-free at 1-800-452-9071.

Grading Family Practice Residents Reception to be held

Eleven physicians who are completing the University of Alabama in Huntsville-Huntsville Hospital family practice residency program this month will be honored at a reception and awards ceremony on Friday evening, June 26, at the Redstone Arsenal Officers' Club.

The reception will begin at 6:30 p.m. with hors d'oeuvres and a cash bar. Presentation of awards from the faculty to the residents and the residents to the faculty will begin at 8 p.m.

For further information on the awards ceremony, please contact Kathy Geren at 536-5511.

June 26 is VIP day at camp ASCCA

You are cordially invited to attend V.I.P. Day at Jerry Lewis Summer Camp. V.I.P. Day will be an "Open House," Thursday, June 26, from 9 a.m. until 6 p.m. Lunch will be served at 12:15 p.m.

The "Open House" will be held at Camp ASCCA, Jackson Gap, AL, located eight miles off Highway 280 between Alexander City and Dadeville. Turnoff Highway 280 is clearly marked with green sign to the camp.

Please call the MDA Office, 642-0064 or 1-800-229-0023, if you plan to attend.

Exponent publication dates, deadlines announced

Publication dates for the UAH newspaper during the Summer quarter will be June 18, July 2, 16, and August 13.

Deadline for ads, letters to the editors or feature articles is 5:30 p.m. Friday before The Exponent publication date the following Wednesday. Ads and copy that do not meet this deadline WILL NOT be published in the following paper.

The Exponent is the student newspaper of the University of Alabama in Huntsville. Editorial opinion reflects those of the editorial board and do not necessarily reflect those of the University or any associated organizations.

Editorial board meetings are open to the public. The board meets on the first and third Thursdays of each month at 2 p.m. Please phone the School of Primary Medical Care, 350-5511, extension 496, for more information.
Amnesty International celebrates birthday with concert

by T. L. Gregg

Wednesday, June 11 was a night to remember as six musical acts joined together in a benefit concert for Amnesty International. Now celebrating their twenty-fifth birthday, Amnesty International is a non-partisan human rights organization that works to free prisoners of conscience, ensure fair and prompt trials for all political prisoners, and end torture and executions. This and five other concerts similar to it are the most recent in the current trend of "concerts for a cause."

Wednesday was a night with lots of music and a worthy message.

The four-hour concert began 30 minutes behind schedule with 80's folk singer Joan Baez. After playing a few of her earliest songs, Baez was joined onstage by the lead singer for Tears for Fears, Roland Orzabal, for a duet of that group's hit "Shout."

The next act on the roster was Lou Reed, who sang his trademark, "Take a Walk on the Wild Side," and several others before leaving the stage. Peter Gabriel freshened what was to come with the energetic "Sledgehammer," a fast-moving single from his named after South African martyr Steve Biko.

Amnesty works to free prisoners of conscience, ensure fair and prompt trials for all political prisoners, and end torture and executions. This and five other concerts similar to it are the most recent in the current trend of "concerts for a cause."

After an amazingly short break—all the stage transition times were surprisingly short—the Atlanta audience received a special treat. The fourth stop in a six-city tour, Atlanta was the first and rumored-to-be only Amnesty concert to host a Police reunion. Andy Summers and Stewart Copeland joined Sting in playing a string of smashes from their Synchronicity album including the title song "Synchronicity," "King of Pain," "Wrapped Around Your Finger," and a refreshing, upbeat version of "Every Breath You Take." After playing Bob Dylan's Maggie's Farm, they played their current hit "Synchronicity," "King of Pain," "Wrapped Around Your Finger," and a refreshing, upbeat version of "Every Breath You Take."

The Police favorites were also played: "Message in a Bottle," and "Roxanne," complete with red stage lights. With all eyes on the blond-haired, and red stage lights. With all eyes on the blond-haired, and all feet dancing to their music, few people noticed that members of the headlining band, U2, had slipped in among them. U2 silently watched the police reunion: lead singer Bono danced just a little; and with the crowd still enthralled with the Police's last song, U2 quietly slipped away to prepare for their own show.

U2 took the stage quickly, rotating the house with "Pride (In the Name of Love)." After slowing down for their second number, an extra soulful "Milk." Bono told the audience he had visited Mrs. Martin Luther King earlier and encouraged the audience to chant (yell, actually) "No More...." The audience did the message that works to free prisoners of conscience, ensure fair and prompt trials for all political prisoners, and end torture and executions. This and five other concerts similar to it are the most recent in the current trend of "concerts for a cause."

The audience then launched into "New Year's Day" and the singer pulled a girl on stage for a literal whirl and dance, his long hair and fringe jacket flying. They quickly helped her back down. U2, like all the previous performers, maintained good rapport with their audience throughout the show, encouraging the 15,000-plus people to sing and chant every chorus. After playing Bob Dylan's "Mississippi Delta," U2 did a very slow cover of the Beatles' "Help!" painting a sad and somber mood that continued into the next tune "Bad."

For a row of memorable impact bid the audience to raise their cups in a toast to freedom. All did. It was then stated that three men in a London bar had done just that and were thrown into prison for seven years.

After saying a half-hearted goodbye, U2 stayed on stage and asked Lou Reed to sing with them on "Sun City," an anti-apartheid song recorded by various artists that refuse to play Sun City, Africa.

For the grand finale of the evening, all Atlanta Amnesty performers joined together onstage for a group sing-a-long, urging everyone to let their light shine (Amnesty International's symbol is a candle) in remembrance of those less fortunate.

Amnesty International displayed giant video pictures of those less fortunate during the set change from Bryan Adams to the Police. Narrators for those Amnesty messages and photographs included Mick Jagger and Keith Richards of the Rolling Stones, John Taylor of Duran Duran, Carly Simon, Robin Williams and many other personalities.

One video with memorable impact bid the audience to raise their cups in a toast to freedom. All did. It was then stated that three men in a London bar had done just that and were thrown into prison for seven years. Rock for a cause. There is controversy over whether benefit concerts can remember the message after the show is over. The Amnesty show was very informative on Amnesty International's mission and the worldwide organization will probably increase their membership from this and other Amnesty shows. It is likely that most of the crowd came for the music and not to benefit the organization. But that is okay. Rock for a cause still benefits everyone.
Warning, motor oil considered a hazardous waste

Each year in Alabama, approximately six million gallons of potentially hazardous used motor oil is dumped into the ground and city sewers. Most of this oil is drained by do-it-yourself mechanics from vehicle crankcases and household machinery such as lawnmowers, said Janet Graham, coordinator of Project ROSE (Recycled Oil Saves Energy), a University of Alabama and Alabama Energy Division program to encourage the recycling of used motor oil statewide.

"What do-it-yourselfers don't realize is that used motor oil is considered a hazardous waste," Graham said. "Used oil contains cancer-causing and metal contaminants, primarily lead, which can pollute Madison County's watersheds through ground runoff. It can eventually change the taste and odor of our drinking water," she said.

Statistics gathered by Project ROSE show that only about one-third of the 750,000 gallons of used oil generated in Madison County annually is collected and recycled. The rest is dumped into the ground, waterways, storm drains, sewers and landfields.

"If used motor oil is dumped on the ground, the organic substances in it can travel at high rates downward through the soil and into the groundwater," said UA civil engineering professor Dr. George P. Whittle. When this occurs, well-water can become polluted, making it unsuitable for drinking, he said.

"With 60 percent of the population changing its own oil today, disposing of used motor oil can be a problem, but it doesn't have to be," Graham said. "Automotive centers, garages and service stations have saved used motor oil for recycling for years," she said. "It's time do-it-yourselfers got into the habit."

Used motor oil drained from vehicles or household machinery should be poured into a plastic, sealable container, such as a milk jug, Graham said. "The used oil can be taken to any of the more than 300 used oil collection centers established throughout the state. For the location nearest you call the Alabama Energy Extension Service toll-free at 1-800-452-5901."
Scholarship takes student to Europe
by Vera Bachtel
staff writer
Dr. Margaret S. Bond, the chairperson for the International Studies Committee, has announced the award of a $1500 scholarship to Alice J. Brooks, a math major with a computer science minor at UAH. The award money will be used by Brooks to study for two months in Europe.

Brooks will leave July 21, to spend six weeks in Nancy, France and the University of Nancy to study robotics and then go on to Edinburgh, Scotland. There, she will be involved for several weeks in the writing of software for the handicapped in conjunction with the University of Edinburgh.

Brooks expressed anticipation at the prospect of her learning sabbatical and said she will find a forum to use her four years' study of French in a working situation. She will also take this opportunity to investigate possible graduate schools. She will visit those of interest and hopes to obtain a fellowship.

Brooks will represent the best UAH "I've never had a chance to offer to the academic community. This will be Europe's gain."

Exponent deadlines announced
The next issue of The Exponent will come out on July 2.
The deadline for ads, letters to the editor, press releases, or other articles is 5:30 p.m. Friday before The Exponent publication date the following Wednesday.

For the July 2 issue, all copy and ads must be in by 5:30 p.m. June 27. Ads and copy that do not meet this deadline will not be published in the following paper.

FAA begins recruiting air traffic controllers
The Federal Aviation Administration has announced a nation-wide Air Traffic Controller recruiting program. The agency plans to hire 2 to 3,000 controllers in the next year and is actively seeking candidates through its "We Need More of the World's Best" recruiting campaign.

An FAA spokesman said the agency wants U.S. citizens, age 30 or under, with 4 years of college, or 3 years work experience, or an equivalent combination of the two. Candidates must pass an aptitude test, with a high score, for final selection. Aviation experience is not necessary. Persons hired at the $17,824 starting salary receive free training at the FAA's Oklahoma City Academy with final placement throughout the U.S. Depending on their assignment, controllers can receive up to $55,000 in basic annual salary through Civil Service advancement.

Those interested should send a postcard to the FAA, Dept. 140, Box 26650, Oklahoma City, OK 73126 for further information.

BUILD A CAREER IN THE CLOUDS.
Learn how to fly helicopters in the U.S. Army. Not only could it be one of the greatest experiences in your life, but it could be the start of an exciting career.

The Army's Warrant Officer Flight Training Program makes it all possible. To qualify, you'll need a high school diploma and, preferably, at least 2 years of college. Before you learn to fly you'll need to complete Army basic training and pre-flight training.

But once you complete your flight training program, you'll be an Army aviator. And you thought only birds got to wear wings.

Call your local Army Recruiter today for more information.

Call Sgt. Larry Duncan 539-7431

ARMY. BE ALL YOU CAN BE.
Stop smoking—stay trim

Smokers don’t have to put on pounds when they drop the cigarette habit, according to the American Lung Association—the Christmas Seal People.

Although quitting smoking can trigger metabolic changes that cause weight gain, chances are good you can lose the added few pounds in three to six months. The key to getting off the merry-go-round of quitting smoking, gaining weight, and going back to smoking is to accept the weight gain as only temporary and make not-smoking your number-one priority.

Staying-trim techniques are basic and sensible: eat (slowly) three nutritious meals a day, watch your calories, avoid sweets, and be sure to exercise regularly.

For more information on how to stop smoking and stay trim, contact your local Lung Association.

CLASSIFIEDS

FOR SALE: Complete 35 mm camera outfit featuring: Canon AE-1, 50 mm lens, 135 mm telephoto lens, flash, co-kin filter holder with 80A filter and leather carrying bag. $350. Call Sam at 830-0916.

GOVERNMENT HOMES from $1. (U repair). Also delinquent tax property. Call 805-687-6000 Ext. GH-1813 for information.

FOR SALE: 1) Kodak Disc 4100 Camera with telephoto and wideangle adapter lenses and carrying case; $40. 2) Casio fx-350 scientific calculator with instruction manual; $8. 3) 24-space cassette carrying case; $4. Call Duane at 895-6090 or 830-0916. Leave message.

CROSSWORD puzzle solution
GET INVOLVED

The following committees have vacant positions for which applications are now being accepted.

STUDENT AFFAIRS
ADVISORY BOARD
(One student per school)

School of Primary Medicine
School of Science
School of Nursing
School of Administrative Science
School of Arts, Humanities and Social Sciences

The purpose of the Student Affairs Advisory Board is to advise and make recommendations to the Vice President for Student Affairs on all relevant aspects of student life. The Student Affairs Advisory Board has the specific responsibility of recommending policies concerning student activities, student publications, athletics, intramural and recreation fees, and the allocation and management of these fees.

STUDENT JUDICIAL BOARD

5 Undergraduate students
3 Graduate students

The University Judicial Board exists to ensure that the rights of students are protected and that the standards of conduct for students are upheld. The Code of Student Conduct contains a statement of student rights and responsibilities and defines a student disciplinary system.

Applications are available at University Center Information Booth or UC 111.

Deadline is July 3, 1986; 12 noon.
Forms must be turned in to UC 111. For more information contact Brenda Dixon at 895-6445.