SPORTS BRIEFS

A group of engineering students from UAH will travel to the Nyanza Province of Kenya later this summer to provide relief to the parched natives of Migori.

UAH unveiled its newest laboratory that will add to the university’s capabilities in assisting the U.S. Army in determining the durability of the equipment used by American soldiers.

Nobel laureate John Mather is a featured speaker at a lecture organized by Dr. William Setzer, Department Chair and Organic Chemistry professor of UAH. Their goal is to use these previously untested plants in future medical research on bacteria, parasites, fungi and cancerous tumors.

Each student was assigned a specific plant to obtain the bark and leaves from. Sometimes obtaining the sample proved difficult. Senior Biology student, Hannah Savage stated that in obtaining her sample of the Cedrela Tanduzi tree the hardest part was gaining enough leverage to cut off the needed bark using a hand saw. Once the samples were collected, students were required to break the bark up into 1mm sized pieces with either small tools or just their hands. At this stage, described Eason, “the bark looked like soil.” Senior Biology student, Thomas Savage stated that the leaves were chopped up in a similar manner. Once this process...
Staff Reports

Dr. David Williams took the helm as president of The University of Alabama in Huntsville on Monday, July 2, spending his first hours meeting with his office staff and getting his Macintosh computer connected to his Madison Hall office.

He drove around campus during the weekend after arriving in Huntsville Saturday morning. He remarked about the beauty of the campus, which he finds important because this is the “home away from home” for students who choose to attend UAH.

Williams said his calendar for the first month will be full, meeting with the university’s senior administration “to learn as much as I can as quickly as I can.”

“I want to be able to ask questions and learn facts. I don’t want my impression to come from web sites,” he said. “One thing that I have learned is that the weather is not as hot as everyone had led me to believe.”

Williams’ arrival at UAH follows the culmination of a year-long search process that involved representatives from the campus and from the Huntsville community. University of Alabama Trustees Peter Lowe and Joe Ritch, both of Huntsville, led the search process. Williams, a Cambridge alumnus, was chosen as UAH’s fifth president after the search committee culled more than 200 applicants for the job. His hiring came on March 14 at a called meeting of the University of Alabama Board of Trustees where he received unanimous support from the board.

UAH Engineering Students Traveling to Provide Clean Water to Kenyan Town

UAH campus in May.

Barkett said the water system the UAH students will be constructing in Kenya will be sustainable by the local residents. “The people of Migori should be able to operate, maintain, and repair the system with resources that are affordable and locally available,” she said. At the same time, they will teach the residents how the wells are built so they can build additional wells after the students return to class this fall.

That is part of the con-

A group of engineering students from UAH will travel to the Nyanza Province of Kenya later this summer to provide relief to the parched natives of Migori.

UAH student Laura Barkett of Trinity, a graduate of West Morgan High School, is president of the university’s Engineers Without Borders chapter. The group will dig a well and build a water distribution center in Migori to provide a sustainable source of clean water. The system is expected to serve an orphanage in Migori and a hospital that serves more than 1,000 patients a month.

“Currently, these facilities have limited access to water,” said Barkett, a senior majoring in aerospace engineering. “Water borne illnesses are a tremendous problem in this region of Kenya. As this hospital is the only medical facility in the area, and patients walk as far as 20 miles to receive treatment, it’s vital that a clean source of water be present there.

“The orphanage, which is one of the few refuges for orphans near Migori, has limited access to water. The odds are given moment in our society. It’s something that many take for granted numerous times each day.

That is not the case for people around the world — for example, in Migori, Kenya. Less than half of the town’s 46,000 residents have a steady supply of potable water.

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Newest UAH Laboratory Will Improve Reliability of Army Weapon Systems

Staff Reports

UAH unveiled its newest laboratory that will add to the university's capabilities in assisting the U.S. Army in determining the durability of the equipment used by American soldiers.

A new laboratory in UAH's Von Braun Research Hall contains the Highly Accelerated Life Testing (HALT) chamber, which can produce environments that accelerate the life cycle of various parts through extreme environments.

“The goal of the chamber is simply to try and break these components,” said Chris Sautter, the interim director of UAH's Center for Material Research. Sautter said the HALT chamber takes components through temperature swings from minus 100 degrees to more than 200 degrees Celsius. At the same time, it can change the humidity from zero to 85 percent and vary the vibration from zero to 100 'g's RMS (gravity root mean squared), a means of measuring the level of vibration in terms of ‘g.’ He said all three parameters can be varied to replicate various test conditions.

UAH created the laboratory to support Maj. Gen. Jim Pillsbury's Condition-Based Maintenance program, which has a positive impact on current maintenance practices by reducing the burden on the solder-mechanics and improving the mission reliability.

Nobel Laureate to Speak on UAH Campus

Staff Reports

Nobel laureate John Mather is a featured speaker at a lecture series on the UAH campus this week.

He was awarded the 2006 Nobel Prize in Physics, shared with George F. Smoot, for “their discovery of the black body form and anisotropy of the cosmic microwave background radiation.” In 2007, Mather was listed among Time Magazine's 100 Most Influential People in The World.

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Faculty Profile: 
Dr Laurel Bollinger

Ruth Johnson always knew that she wanted to be a teacher, but it wasn't until her experience at UAH that she knew she'd be dedicating her career to helping college undergraduates. As an employee of the UAH Writing Center, Johnson is experienced in editing a variety of papers from a variety of disciplines. She explained her thoughts on the UAH student body, "We have a lot of non-traditional students at UAH. We have kids coming straight out of high school, and then we have adults coming back. It's a very diverse campus in regard to age." And with this diversity comes a need for communication skills.

When it comes to essays, these communication skills can be honed through the Writing Center, and its employees. The mission of the center is to provide consultation and revision instructions regarding the writing of essays across all disciplines, particularly with specific audiences in mind. Because UAH is host to many different people with varying interests and coursework, the writing center provides a general service; whether you're writing a lab report or an essay on Italian politics during the Renaissance, the Writing Center can help clarify issues regarding structure, mechanics, planning, organization and support.

Johnson went on, "the writing center often struggles to reach faculty and students outside of Morton Hall, who may not understand our role and services." The Writing Center is open to all students during office hours, and provides appointments through office and online visits.

Johnson added some advice in regard to writing papers, "Talk about it with people. Even if you don't use the Writing Center, it's important to discuss writing projects with others. I suggest taking the time to think about what you're writing and then refer to resources and other people. Our goal is to make writing an experience that involves more than one person writing—just you and a piece of paper. That's why we're here."
Flooding Effects First Day of Second Minimester

Karen Pullins
Layout Editor

On the morning of July 2nd, several students waited anxiously outside the University Center hoping that the bookstore would open. Various administrative employees approached the students during the morning hours with news that the bookstore was flooded. Unfortunately, no one was knowledgeable as to when the bookstore would be back in business. Many were led to believe that the store would reopen later that day; however, this was not the case.

“We tried to get it open as quickly as possible so as not to inconvenience students,” said Doug Saunders, Director of the University Center.

The store was, in fact, closed for 2 days while employees cleaned and attempted to bring things back to an operating status. Both property and merchandise were affected by the flooding, and the game room incurred minimal damage to the floor. Some suspected that the recent construction at the UC might have contributed to the problem, but Saunders said, “The fault of the flooding has yet to be determined.”

Students were forced to find other sources of school materials for the second summer semester classes that started the same day as the flooding. Some reported price increases at other bookstores, and were forced to pay the extra money because classes had already begun. Others simply chose to wait, and purchased books at the University Book Store after they reopened on July 5th. Due to the confusion, some classes had to postpone the first day’s assignments due to the flooding.

Though the damage the flood incurred has been noted by the administration, the cost has yet to be determined.

UAH Theater sets 2007 - 2008 presentation schedule

The UAH Theater 2007-2008 season continues with the Short Play Festival, which will be presented by the UAH acting class in the Pei-Ling Chan Auditorium, UAH Administrative Science Building, on Thursday and Friday, August 2 -3 at 5 p.m. Admission is free.

Other events on the 2007-2008 theater schedule include:

Fall Auditions - Morton Hall Studio 106, August 22 and 23, 5 p.m. – 8 p.m.

Vanities
A bittersweet comedy that is a snapshot chronicle of the lives of three Texas girls in the 60’s and 70’s. In 1963, Joanne, Kathy and Mary are aggressively vivacious cheerleaders. Five years later in their college sorority house, they are confronting their futures with nervous jauntness. In 1974, they reunite briefly in New York. Pei-Ling Chan Auditorium, September 5 – 8 at 7:30 p.m. and September 9 at 2:30 p.m.
Admission: $5 students - $10 adults.

Suburbia
Set in the parking lot of a convenience store, this shocking play by Eric Bogosian centers around lost high school graduates and their experiences of escape and re-invention, the American dream...and the American nightmare. Pei-Ling Chan Auditorium, October 24 - 27 at 7:30p.m. and October 28 at 2:30 p.m.
Admission: $5 students - $10 adults.

All In the Timing
This critically acclaimed, award-winning evening of comedies combines wit, intellect, satire and just plain fun. It is theatre that aerobicizes the brain and tickles the heart. David Ives is a mordant comic who has put the play back in playwright. Morton Hall, Studio 106, Nov. 14 - 17 at 7:30 p.m. and Nov. 18 at 2:30 p.m.
Nov. 28 – Dec. 1 at 7:30pm and Dec. 2 at 2:30 p.m.
Admission: $5 students - $10 adults.

Spring Auditions will be held in Morton Hall Studio 106, Nov 26 and 27 from 5 p.m. – 8 p.m.

Short Play Festival - presented by the UAH acting class, Morton Hall Studio 106, Dec. 5 at 5 p.m. Admission is Free.

Four Spirits
A historical novel written by Sena Jeter Naslund and is centered around the Birmingham church bombing that killed four black girls in 1963. This will be the world premier of the stage adaptation by Sena Jeter Naslund and Elaine W. Hughes. Merrimack Performing Arts Center, Feb. 7 - 9 at 7:30 p.m. and Feb. 10 at 2:30 p.m.
Admission: $5 students - $10 adults.

A Funny Thing Happened on the Way to the Forum
Broadway’s greatest farce is light, fast-paced, witty, irreverent and one of the funniest musicals ever written. It is the perfect escape from life’s troubles; a non-stop laugh-fest in which a crafty slave (Pseudolus) struggles to win the hand of a beautiful but slow-witted courtesan (Philia) for his young master (Hero), in exchange for freedom. Pei-Ling Chan Auditorium – March 12-15 at 7:30 p.m. and March 16 at 2:30 p.m.
Admission: $5 students- $10 adults.

For more info contact David Harwell, Department of Communication Arts, 256-824-6871 or harweld@uah.edu 256-824-6909.
CAST from Pg 1

a channel on iTunes Radio thereby constantly streaming content. “Our 30 minute episode will play at the top of every other hour. Each two hour set will feature a different genre of music after the ChargerCast episode plays,” he said.

The new ChargerCast will feature expanded 30 minute episodes packed with news, sports and entertainment. New features will include Greek life, student opinion polls, weird news of the day, trivia, restaurant reviews, night life, dating advice, debates, guest musicians, and special interviews.

“ChargerCast will be...incredibly entertaining...an interactive, comedic way of getting news,” said Tonini.

Joining Tonini as hosts are Derek Thacker, Eric Moore and Amber Rauschkolb. Other contributors include “Fifi”, Brad Townsend, Robert Salinas, Anthony Davila and Sarah Perrin. Positions still open include Greek correspondent and someone to act as the Charger mascot.

Future expansions could include the addition of downloadable lectures as offered at universities such as Stanford and UC Berkeley. According to Parks this is an issue that has been pursued to some extent by the current SGA with limited positive feedback from the administration. “Because UAH is a research/doctoral university, many of our faculty members are responsible for contributing to the collective sum of knowledge through their research activities, the result of which is that their lectures and similar course materials are often their own intellectual property.”

Parks continued, “Eventually I would like to see some portion of classes offered at UAH available for download; however the ChargerCast platform simply does not have the infrastructure available to ensure the safety and security of these items of intellectual property.”

Said infrastructure requires much more than steady student involvement, it costs money. The SGA allotted $2500 to the production of ChargerCast and according to Parks is, “...exploring options for increased or expanded funding.” Such funding could also provide increased bandwidth and the equipment needed to add other desirable features such as video.

Tonini credits the founders of ChargerCast for a job well done in laying the groundwork. “I feel privileged to be taking part in such an endeavor. My ultimate goal is for ChargerCast to become a linchpin of UAH student life,” he said.

“Mr. Tonini has a challenging road ahead of him, but I am more than confident in his abilities and those of the other members of the ChargerCast crew. If [he] can produce a consistent product that the students of this university actively participate in and enjoy, then I will consider it to have been a success!” said Parks.

If one is interested in getting involved he or she should contact Ryan Tonini at toninir@email.uah.edu. ChargerCast will be back online this fall at www.chargercast.com.

COSTA from Pg 1

was done the samples could be placed into either a Soxhlet apparatus, both used to extract oil for important future studies. Another difficulty, Eastern adds, was determining whether a sample would produce enough oil. Otherwise students would need to return to the forest trails to find their plant again and collect additional samples.

Though the excursion was meant to be research-focused, the student’s trip to Costa Rica was not all work and no play. Students enjoyed eating the local fruit, like Mango and Papaya and gaining an introduction to the Costa Rican culture. Eastern participated in activities such as riding all-terrain vehicles (ATVs) and horses, as well as using zip lines to tour the forest canopy. Savage stated that the group attended a local Quaker church service, as well as played a soccer game with the hotel staff, which they unfortunately lost but were able to redeem themselves on the basketball court. Both students stated that their most adventurous, yet frightening moment was when a small group of them became lost on a hiking trail for nearly twelve hours. Their biggest worry came when it began to thunderstorm. “You’re not supposed to be so high up on a mountain with lightening,” stated Savage. By the time they made their way back to the hotel it was dark and cold and they were covered in mud. Other frightening moments were due to the many scorpion encounters they had in their hotel rooms.

Fortunately the students returned to UAH unharmed. “With the largest group of students since the projects start in 1988,” stated Dr. Setzer, “the students were able to collect 80 plant samples, making this year’s trip to Costa Rica a [notable] success.”

FACULTY from Pg 4

likely also has let me continue learning and studying, and has helped me keep my enthusiasm for what I teach.

What do you like least?

Probably the most frustrating element has been the general lack of resources—the situation has gradually gotten better, but there’s often a sense of scarcity: not enough books, not enough money, not enough space.

What is your opinion of the student body at UAH?

I’ve had some fantastic students, and I’ve had some students where it’s quite clear English isn’t their thing, which I can certainly respect. Overall, I have a great student body, with a range of experiences and interests that makes for interesting classroom conversations. I often teach World Literature, and it’s so wonderful to have students of different cultures in the classroom to talk about their experiences.

Do you have any advice for English majors?

You’re going to hear that you’ll never get a job with an English major, and it’s just not true. You may not walk out right of your BA into your dream job, but you will bring to the table skills in critical thinking and communication that companies out there are desperate to find and that will serve you very well in the long run. Be prepared to market yourself, to explain why you’re exactly who they need, and you’ll be fine. You may need to think pragmatically about adding extra skills to your resume, or pursuing a master’s degree in a clearly job-related field. But when you can show an employer that you’ve got a good work ethic and you can speak and think clearly, that’s going to carry you a long way. When you do what you love, you’re going to be so much better at it than when you’re just going through the motions, so don’t be afraid to do what you love.

What do you do for fun/ hobbies?

My family and I go camping—we’ve got a travel trailer, so it’s not really roughing it, but we head out to various campgrounds as often as we can. And I write—both scholarship, so work related, and fiction.

What do you like most about the area (Huntsville/ Madison)?

It’s a very family-friendly area, and since I’ve got two kids, that’s an important consideration for me.
Across
1 Take on
5 It may be junk
9 Pond floater
13 Unwritten
14 Farm area
15 Frosty's eyes
16 Fox film
20 Half and half
21 Rash action
22 Dangerous fly
23 Deli offering
24 Toolhouse
25 Lox resting places
28 Lead player
29 Teacher's favorite
32 Morning noisemaker
33 Washer cycle
34 Met star
35 Take it easy
38 Driving aids
39 "Misbehavin"
40 Battery terminal
41 Wrap up
42 Tough journey
43 "Roberts' '55 movie
44 Escort provider
45 Bar follower
46 Bee house
49 First-rate
50 Bob Cratchit's son
53 Start all over again
55 Meadow mom

Down
1 Tramp
2 Islamic republic
3 Tear
4 Lodge member
5 Seder cracker
6 Joint problem

7 Wrath
8 Southpaw need
9 Performed
10 Oaf
11 Pikes' kin
12 Out of the wind
17 Louise's partner
18 Rows
19 Customer
23 Seasonings
24 Tour of duty
25 Sew loosely
26 Nonnative
27 Like some communities
28 Paddle
29 Amelia Earhart's job
30 Get away from
31 Internal Revenue Service, e.g.
33 Went downhill fast
34 Thickheaded
36 Traveling companions
37 Oakland player
42 Civil wrong
43 "Lisa"
44 Forgeries
45 Basie's title
46 Genesis fatality
47 One of the Bears
48 Summer coolers
49 Pastel shade
50 Plane, e.g.
51 Overnight places
52 Give with "out"
54 Lush

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Sodoku

Complete the grid so that every row, column and 3x3 box contains every digit from 1 to 9 inclusive.

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Crossword

ARMY from Pg 3
ability of the weapon systems.

By Ed Canty
Bradshaw Named Assistant Basketball Coach

Staff Reports

Andy Bradshaw has been named assistant coach of the UAH men’s basketball team. He replaces former assistant Kevin Carroll, who accepted a similar position at the U.S. Air Force Academy.

Bradshaw had served as a volunteer assistant since 2001, developing post players. From 1993 to 1995 he was an assistant at Grissom High School. He was also head coach at Cullman High in 1996.

Bradshaw is a native of Decatur and a graduate of Decatur High School. He received his bachelor’s degree in secondary education from Athens State University in 1992 and is married to the former Diane Hankins of Huntsville.

Staff Openings

The Exponent is currently seeking candidates for additional staff positions to start Fall 2007. Experience desired, but not required. Basic English skills essential. Must be a current UAH student.

Open Positions Include:
- Writers
- Photographers
- News Editor
- Arts & Leisure Editor
- Copy Editor
- Layout / Design Editor
- Circulation Manager

For more information or to apply, contact: editor@exponent.uah.edu

THOMPSON-MURRAY RECEIVES REGION HONORS

Staff Reports

UAH assistant track coach Soyini Thompson-Murray has been named Division II South Region Women’s Assistant Coach of the Year by the United States Track and Field and Cross Country Coaches Association.

In her fourth season as the UAH sprints and jumps coach, Thompson-Murray guided athletes to the NCAA Division II Championships in the 100, 200 and 400 meter sprints, the 100 meter hurdles and the 4 x 400 relay. Lady Charger hurdler Shiana Levett (Auburn) is a two-time DII All-American.

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