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# The Exponent

The Student Newspaper of UAH

Volume 42, Issue 4

September 23, 2010

## NEWS BRIEFS

It's official. Text messaging while driving is now against the law in Huntsville and Madison. Beginning Sept. 20, commuters who enjoy sending brief notes with LOL's and smiley faces to his or her significant other, or parents on their way to work who often send their children quick messages reminding them of later chores, will have to change their cell phone habits while on the road.

See **TEXTING** on Pg. 2

## ARTS & LEISURE BRIEFS

Huntsville is typically associated with rocket scientists and engineers. And "fashion designer" and "Huntsville" seem to be a contradiction. But Kahari Smith and Barilee Yorgure are just that, a contradiction of the stereotypical Huntsville image, because they've started a fashion line in Huntsville called Smith & Yorgure.

See **FASHION** on Pg. 3

## SCIENCE & TECH BRIEFS

Dr. Melissa Connor of Nebraska Wesleyan University will give a lecture entitled "Fields of Fire and Men with Custer" on Sept. 29 at 7:30 p.m. in Chan Auditorium. Connor will delve into some previously unanswered historical inquiries regarding the Battle of Little Bighorn.

See **STAND** on Pg. 5

## SPORTS BRIEFS

The UAH baseball team went through several changes since the middle of last season, then went through a few more this summer. The Chargers have settled in to their new field on campus, hired a new head coach and gained a well-known assistant coach. 2011 marks the first season UAH will play entirely on campus.

See **BASEBALL** on Pg. 6

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## Scott Royce Addresses Complaints About Maintenance at Charger Village

DREW WOOLLEY  
Staff Writer

This semester the \$29 million Charger Village Residence Hall opened its doors at the southern end of campus.

For many, the building represents a huge step forward in terms of growing into a traditional university and building a sense of campus community. The new building can

hold 400 students and contains independent game rooms and study areas, as well as state-of-the-art security measures, including proximity cards and 21 security cameras covering entrances, recreational areas and the building's courtyard.

The building is also constructed to meet with gold-level requirements for a Leadership in Energy and Environmental Design certification. The internationally recognized system of certification rates buildings and communities based on metrics such as energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and stewardship of resources and sensitivity to their impacts. Numerous new features were added to the lights in the building as well as the air conditioning in an effort to meet these environmentally friendly requirements.

However, despite all the amenities there have been a number of complaints about maintenance in Charger Village.

Scott Royce, the area coordinator for Operations and Assignments, believes that some of the claims that maintenance has been a particular problem for the new building originate with these new "green" measures. Complaints about air conditioning problems early in the semester likely had to do with the system's being locked down at a certain level to rid the building of humidity while also complying with the requirements for LEED certification. By now, he stated, all residents should have full control over the air conditioning throughout the building.

Problems have also been reported with the elevators, which Royce explained are due to continued work in the building.

"When we first opened, there were still contractors in the building," he said. "There was still some furniture installation. The elevators were used to move furniture up to the rooms. So you couldn't call the elevator because it was being used, basically, as a service elevator at the time."

Other problems, attributed

to limited power outages, may in fact have been the result of the automatic shutdown feature of the building's new lights in accordance with LEED standards.

Royce also responded to claims that there had been problems with Charger Village's electronics as a result of rushed construction.

"As far as I know, the contractors met their deadline for . . . turn[ing] the building over to the university," he said. "As far as I'm concerned, we got it when we needed to."

He did, however, admit that there have been some problems with power outlets not working.

"The university is working with the contracted electrician for the building to resolve the issues that have been reported," Royce stated.

Overall, the building's maintenance staff is still working through some of its growing pains.

"With any new building there are going to be things that are not seen by the contractors prior to giving it to us, [things] which the residents will find out," Royce said. "There's a lot of technology involved."



Photo by Rachel Palazzo

## HudsonAlpha's Director of Educational Outreach Discusses Relationship with UAH

RUSSELL HAWKINS  
Staff Writer

Funded by both public money and private donations, the HudsonAlpha Institute for Biotechnology focuses on not only genomic research, but also on community outreach through educational endeavors.

With a strong representation of UAH alumni within HudsonAlpha's scientific community and a large pool of eager students applying for internships through the company, the institute maintains extensive networking ties with the school. Additionally, their researchers have taught UAH classes, and UAH students have learned through the institute.

To elaborate, UAH students have enjoyed opportunities with HudsonAlpha through BioTrain internships, "Biotechnology 101" classes and digital education. These opportunities are especially useful for students preparing for health care and engineering careers.

Dr. Neil Lamb, the institute's director of education outreach, shared his thoughts on the intensive five week course dubbed "Biotech 101," which began in August of this year.

"I wanted to offer a program that explained the basics of genetics and biotechnology to the public in a very approachable and engaging manner," Lamb said. "I wanted to strike a balance between presenting very high-tech scientific topics, yet still use everyday language and analogies. Based on the feedback from our participants, I think we've done that successfully."

With many internship applications for each season, available resources reduce the number of accessible spaces.

"We usually receive ten times as many applications as we have internship positions," he said.

The competitive nature of the BioTrain program is not surprising. Much of the research conducted through the institute produces medically useful consequences—prompting both media attention and interest in their instruction. For instance, Dr. Jian Han and a team of engineers have created a small, computerized diagnosing device that could potentially reduce the time needed to identify pathogens through the institute.

Medicine, however, is not the only area on which the researchers focus. Another investigator, Jeremy Schmutz, recently contributed to an article published in the sci-

entific journal *Nature*. The article focused on the genetic mapping of soybeans, indicating possible practical outcomes in agriculture.

Finally, Lamb described HudsonAlpha's relationship with UAH's faculty, administration and student body as both cordial and

collaborative.

"There are strengths that each group brings to the table, and the ability to work together is an . . . example of the type of partnership that HudsonAlpha strives to achieve."



Photo by Rachel Palazzo

## New Law Enforces \$100 Fine for Texting While Driving

RAYMOND GILSTRAP  
Staff Writer

It's official. Text messaging while driving is now against the law in Huntsville and Madison.

Beginning Sept. 20, commuters who enjoy sending brief notes with LOL's and smiley faces to his or her significant other, or parents on their way to work who often send their children quick messages reminding them of later chores, will have to change their cell phone habits while on the road. Huntsville and Madison police forces are out in full force looking for texters while driving—and they are cracking down on those who break the new law.

The ordinance, called "Eyes on the Road," was approved by the Huntsville City Council last July. The law states that it is illegal for drivers to use a mobile device to "send, receive, download or view" electronic or digital messages. The Madison City Council passed the law last month.

"I honestly think it's a great idea," junior nursing student Alexe Pounders. "I mean, we all text and drive, but I think it will save a lot of lives and cut down on those 'uh-oh' moments that we all have."

It remains legal to talk on cell phones while driving, but drivers are not allowed to text, read and respond to emails, update their Facebook statuses, tweet on Twitter,

browse music files or download a new iPhone application while operating a motored vehicle. Even utilizing a GPS system on a wireless device is illegal.

Billboards have been placed to remind drivers of the new law. So far, there are five billboards, located on Andrew Jackson Way, Clinton Avenue, Bob Wallace Avenue, Jordan Lane and U.S. 72 East. Soon nine digital billboards around Huntsville will also display details about the law.

Breaking the no-texting law will not be a primary offense, meaning that another traffic violation has to be committed before an officer can pull a guilty party over. Despite the fact that the new law is

a secondary traffic offense, city officials are hopeful that drivers will break the habit and stop texting on their phones while driving.

"I've almost been hit a few times by people who were texting," Amanda Tucker, a senior majoring in psychology, said. "I've almost hit someone too while doing it. So, after that one time, I learned my lesson and I stopped texting while driving."

If convicted under the Eyes on the Road ordinance, violators will be fined at least a hundred dollars and can be jailed for up to 10 days for the first offense. Multiple offenders may be fined five hundred dollars and imprisoned for three months.

## Zipcar - Helping College Students Get Around

RAYMOND GILSTRAP  
Staff Writer

Rhodes College in Memphis. Pomona College in Claremont, Calif. University of Michigan. And Smith College in Northampton, Mass. What do these four colleges have in common? Zipcar.

Students on these campuses and other universities throughout the U.S. are benefiting from the Zipcar program. Students can rent a Zipcar whenever they wish for a low hourly rate, offering college students the convenience of having a car without their having to bring one to campus.

Zipcars may be rented with daily rates that include insurance and may be reserved online or on a mobile device. Cars are conveniently located on campus, and for those who like to go green, the cars are eco-friendly.

The vehicles benefit universities as well as students. They reduce congestion in on-campus parking lots, provide alternative transportation solutions and offer flexible programs for faculty and staff.

Gas is included with a rented car in the form of a gas card that allows free fuel at any gas station. Zipcars are available for rent for travelers, and each reservation

See ZIPCAR on Pg. 4

## Sunday Marks 50th Anniversary of Televised Presidential Debates

TOM BURWELL  
Staff Writer

Sunday, Sept. 26, marks the 50th anniversary of the first televised presidential debate, held in 1960 between U.S. Senator John F. Kennedy and Vice President Richard Nixon.

The debate drew an audience of 66 million viewers, making it percentage-wise one of the most-watched broadcasts in television history. While both candidates spoke well, Senator Kennedy appeared at ease with the television crews and reporters, while Vice President Nixon appeared to try too hard to impress the American public. Surveys indicated the majority of the 10 million radio listeners thought the debate was a draw, but a decided majority of the 66 million television viewers believed Kennedy won.

Television would forever change politics, as politicians dis-

covered more votes could be gained through 30-second criticisms than through rational explanation of relevant issues. The presidential debates, however, provide a buffer for the partisan opinions of political pundits, giving voters a chance to hear an unbiased presentation of the candidates directly addressing the issues and answering each other's questions.

Perhaps televised debates' most significant political impact came in 1992, the only televised debate to feature both the Republican and Democratic party nominees alongside an independent candidate. Ross Perot, an enigmatic Texas billionaire, personally financed much of his campaign and attracted a large grassroots following. Perot received 19 percent of the Nov. 3 popular vote, the highest percentage received by a third party candidate since 1912.

The presidential debates were hosted by the nonpartisan League

of Women Voters in 1976, 1980 and 1984. However, in 1988 the two major political parties took over sponsorship of the debates through the Commission on Presidential Debates. Since its inception, the commission has been headed by former chairs of the Democratic National Committee and Republican National Committee, the same organizations in charge of selecting and promoting the nominee of the respective parties.

Some have criticized the exclusion of third-party and independent candidates, who are required to get 15 percent in opinion polls in order to be invited. Ross Perot has been the only third-party candidate to meet this requirement. Other parties in America are in a catch-

22; the media does not cover them because they do not have a history of support, and therefore they fail to attract more support due to lack of media coverage.

In 2004, the Citizens' Debate Commission was formed with the stated mission of returning control to an independent nonpartisan body, although these efforts have yet to produce a change.

No general election debates at all were held for the elections of 1964, 1968 and 1972. The 1980 debates drew 80 million viewers out of a population of 226 million. Fifty-four million viewers out of a population of 304 million watched the most recent debates between Senator John McCain and then-Senator Barack Obama.

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## High Times for High Fashion in Huntsville

RACHEL PALAZZO  
Staff Writer/Photographer

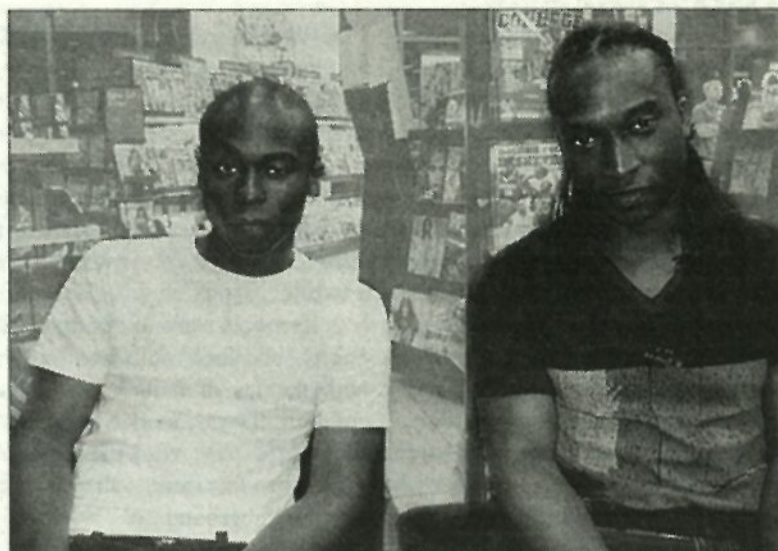
Huntsville is typically associated with rocket scientists and engineers. And "fashion designer" and "Huntsville" seem to be a contradiction. But Kahari Smith and Barilee Yorgure are just that, a contradiction of the stereotypical Huntsville image, because they've started a fashion line in Huntsville called Smith & Yorgure.

The line has been in operation since June 2008 and has even become popular with celebrities such as Eva Longoria, Hill Harper and Gabrielle Union. But Smith and Yorgure didn't just start off as fashion designers.

Yorgure had had previous exposure to fashion through his mother, who was a designer in Italy, while Smith had won numerous design contests in high school and had already begun designing cars. But Smith and Yorgure, who met at a race club in 2003, did not decide to try their hands at fashion until Smith attracted notice for a novelty t-shirt he had designed himself.

The style of Smith & Yorgure is very unique and is not just for women, but also for men. They draw their design ideas from what they like and from the designers who influence them, such as Alexander McQueen, Ralph Lauren and Marc Jacobs.

The line is more contemporary, as opposed to couture. Yorgure explained that the style of their line is structured around being business men first. It is what they call a "life-



style line"—the clothes can be worn anywhere, from the red carpet to a party.

Designing a line while living in Huntsville is definitely not an easy task for the two.

"It's a challenge working out of Huntsville, because you have to go to New York and Los Angeles," Yorgure said.

But not all odds are against them; their message has helped. The inspiration for their line is drawn from Northern Africa, Southern Africa and humanitarian organizations. Smith and Yorgure are very passionate about humanitarian efforts; 10 percent of their proceeds go toward helping causes such as AIDS awareness, child soldiers and the conflict diamond trade.



Above: Designers Kahari Smith and Barilee Yorgure  
Photo by: Rachel Palazzo Below: Examples of the Smith & Yorgure line. Photo courtesy of Smith & Yorgure

See FASHION on Pg. 3

## Charger Chic: Style Scouting at UAH

SALOME SALIASHVILI  
Staff Writer

Summer is waning, but judging by the heat it's not quite over—so don't put away the sleeveless shirts just yet. Haley Buie, a junior majoring in marketing, has combined the early autumn look with summer elements.

She brings the big-city look to campus. Her loose, black pants lightly scrunched around the hips, ascended into her sleeveless top. The outfit embodied movement while still retaining the sleekness of a solid black color.

The black ensemble was paired with a thin white and green scarf

wrapped twice around the neck. It added a splash of color and a focal point to the outfit. Her loose wavy hair complemented the outfit and further defined its mood.

She generally identifies with the urban look and likes to shop at Urban Outfitters. Colors and having fun are her top priorities when choosing an outfit.

Haley's vogue student advice: "Take chances; don't do the usual thing you see every day. Match and layer stuff and just have fun with what you wear."

Dressing well is important, but it's not just dressing for others—it is dressing for yourself and the way you want to feel throughout the day.

"When people see you, they automatically judge you by your appearance, and if your appearance is grungy or... if you don't have a good appearance, they are going to judge you," Haley said. "I think if you dress nicely, you're perceived as a nicer person, more career-oriented with goals for the future."

Having trouble choosing an outfit? "Sometimes when I go to bed at night, I start thinking about what I want to wear in the morning," Haley stated. "And as soon as I wake up, I try to find it and make sure that it's clean so I can wear it." Then there is no wasted time staring at the closet with the clock ticking away, counting the minutes you are late to the class.



Photo by Salome Saliashvili

## Washington-Based Video Game Store Brings Unique Services to Huntsville

DAVID DANIELS  
Staff Writer

If you're from the Seattle area (and you're into video games), you may have heard of a store called Gamer Doc. Based in Seattle, Wash., Gamer Doc is a franchised gaming store that revolutionizes the idea of simple game renting.

Gone are the days of paying per item when we have services like Netflix, which allow us to simply pay a flat fee and rent a certain amount of items at a time. Then once you've used that item, bring it back and swap it out for a new one. The dynamic has changed to value quantity, and consumers couldn't be happier.

Gamer Doc offers all of the bells and whistles from your favorite neighborhood gaming store: trading games for credit towards new games; pre-ordering games; periodic tournaments for bragging rights; repair of consoles, hand-

helds and pc's; even resurfacing of scratched CD's and DVD's.

However, Gamer Doc also incorporates a three-tier monthly game renting system that puts the control of what you play into your hands. For \$9.95 a month, a customer can have any one game out at a time (as long as it is over a month old); the \$14.95 a month package allows two games (at least a month old) out at a time; and finally, for \$19.95 a month customers can have two games out at a time, new or used. This could provide a significant cost savings to an individual's game-renting budget.

For the serious competitors, Gamer Doc offers a "Pro Player" room holding up to 20 players. The room houses 10 high-definition, wall-mounted televisions.

Gamer Doc is located at 4925 University Drive, Suite 168, Huntsville, Ala., 35816. The store can be reached at 256-489-2556.

## THE UNIVERSITY OF ALABAMA IN HUNTSVILLE GRAD FAIR!

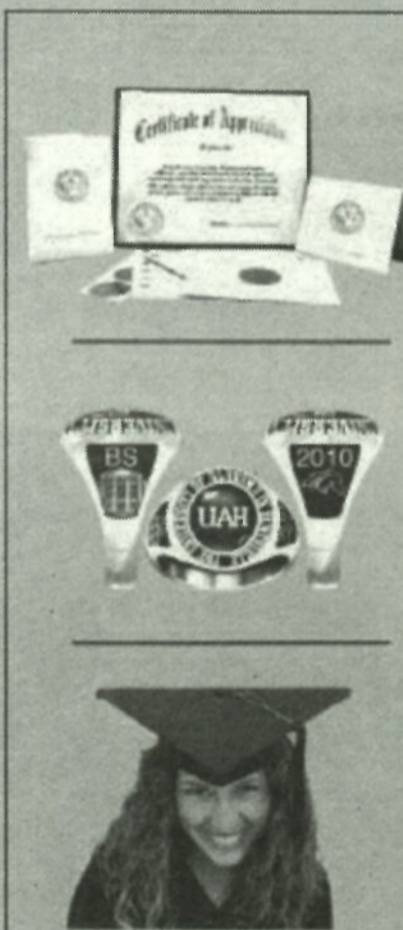
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3. **Green gets even greener**—Zipcar members help save billions of gallons of gas and oil.
4. **A penny saved, a community revived**—Zipcar members save more than \$500 a month over the cost of owning a car.

## Event Calendar

### Sept. 23

- The UAH Cycling Club will have its first meeting in UC Exhibit Hall A. Interested in becoming a member? It starts at 7 p.m.
- Dave Anderson performs at Bandito Southside. 7 p.m.
- The Voodoo Lounge, located on the square downtown, has its weekly open mic night. 8 p.m.

### Sept. 24

- The Lady Chargers host Harding University in a soccer match. 1 p.m.
- Going to be in Birmingham? The annual Sidewalk Film Festival will be located all around Downtown/Five Points and will feature over 200 independent films. \$20
- Here Comes The Mummies performs at Crossroads Music Hall. \$17. 8 p.m.

### Sept. 25

- Black Eyed Susan performs at Humphrey's Bar and Grill. 7 p.m.
- Coffeetree Books and Brew holds its weekly open mic night. 8 p.m.
- To Light a Fire and Neon Grasshopper perform at the Flying Monkey Arts Center. \$5. 9 p.m.

### Sept. 26

- The Lady Chargers host Harding University in a second match. 1 p.m.
- Red Headed Step Child performs at Bandito Southside. 8 p.m.
- Devere Pride performs at Casa Montego. 9 p.m.

### Sept. 27

- Dave Anderson performs at Sports Page. 8 p.m.
- Austin Jennings performs at the Voodoo Lounge. 8 p.m.
- Tuesday's Hangover performs at Bandito Southside. 8:30 p.m.

From FASHION on Pg. 3

"The message behind it opens unexpected doors," Smith said. "In a way it's a market strategy."

So Smith & Yorgure is not just another fashion line; it is a line with a meaning. It's more than just another shirt or dress; it goes toward making a difference in the world.

The outlook for the line is tremendously bright. They recently threw a successful launch party for the Smith & Yorgure line at the bar Amendment XXI in downtown Huntsville, and the two have already established connections in Europe, Los Angeles and New York City.

Smith explains the two's future plans for the line. "[We'd like to] establish the line in major luxury stores such as Saks, as well as becoming a global brand," he said.

They are also negotiating to become creative directors for the brand Wedge Wellies

As for staying in Huntsville, Yorgure stated, "We plan to stay here as long as we can operate."

## Art Exhibit Showcases Creative Work

SALOME SALIASHVILI  
Staff Writer

What is art? Alison Miller offers her version to the world in her senior art exit show, "Art for the Mind," which opened Sept. 13 and runs through Sept. 22 in the Union Grove Gallery. She showcases quilts and mixed media used in a variety of ways to create modern artwork.

Her works are united by their clarity and bold blocked colors with themes of nature, birds and children. The artwork is reminiscent of the past, with paintings of Victorian furniture, chandeliers, or a background of wallpaper themes.

She described her own style as sewing combined with various mixed media such as painting and appliqué. Through her artwork, she wants her audience to gain "a greater appreciation for the crafts, for home crafts. For the domestic things housewives do—sewing, making clothes, cooking... things like that that tend to get thrown to the side as not being art."

Miller was inspired five years ago at a quilt exhibit in Atlanta. The exhibit featured quilts made by underprivileged women from Alabama. These untrained women, using knowledge passed down from generation to generation, had made the quilts from just scrap, but nevertheless these were beautiful pieces of art. That got her thinking about doing different types of art, art that most people would not consider art.

Her work "Silhouettes" is especially definitive of such combinations of paint and quilt in 3-D. It is a silhouette brooch portrait of two girls facing each other. The girls are actually herself and her sister.

The 2-D "Rooster" and "Peacock," though decorative in a way, speak boldly. Their deep, solid colors are most aggressive part of her exhibition, yet still have their expressiveness.

For more information about UAH student art exhibits contact the art department at (256) 824-6114

## Now Hiring For the Fall Semester!

The UAH Student newspaper is looking for motivated students who need a part time job and want to take part in creating the only student-run news service on campus. Available positions include:

- Writers
- Advertising Assistants

**Interested? Here's how to apply:**

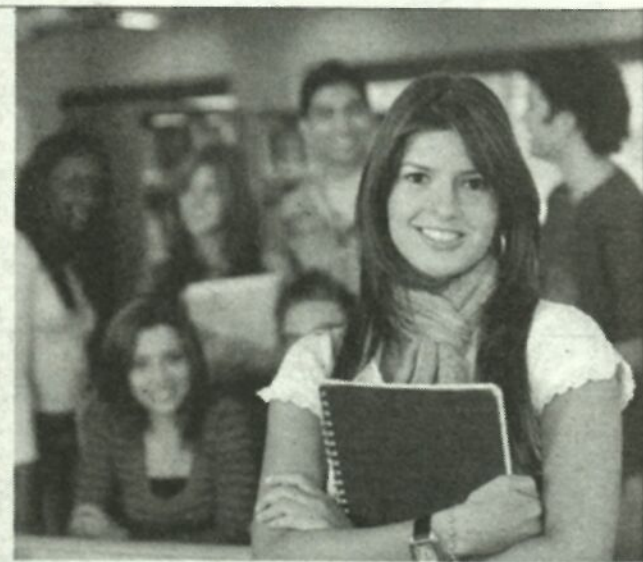
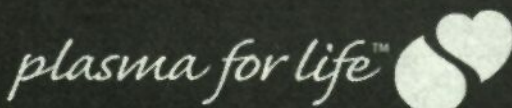
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## Northrop Grumman: Leader in Global Security

SALOME SALIASHVILI  
Staff Writer

Northrop Grumman is number four largest arms-producing company in the world, according to the world-renowned SIPRI. It focuses on aerospace, naval, radar and sensors.

The company was formed when Northrop purchased Grumman in 1994, and today, it employs 122,000 people worldwide. As of 2006, it employs 20,000 people from Huntsville in more than 20 facilities.

The B-2 Spirit Bomber has become a go-to strategic bomber for U.S. military. In its 20-year history, only one accident has been recorded. It continues to be the best, carrying high payloads, including nuclear payloads, over long distances with 100 percent accuracy in any weather. Only 20 of its kind exist.

RQ-4 Global Hawk is used to conduct surveys, intelligence and investigation missions. It flies 65,000 feet at 340 knots at 35-hour intervals and can image 50,000 square miles per day. The U.S. Navy, the U.S. Air Force, NASA and many world governments have expressed interest in the Global Hawk, including NATO.

In collaboration with NASA, Northrop Grumman is building Lunar CRater Observation and Sensing Satellite. It will impact the lunar poles, making 16-foot-deep craters and then measuring the debris to find any water molecules. If enough water particles are found, a future lunar base is possible.

Northrop Grumman is also part of a team consisting of Boeing, Lockheed Martin, the U.S. Air Force and the Missile Defense Agency. The team has been gathered by U.S. Air Force to create the Airborne Laser Testbed.

Northrop Grumman is responsible for the system's Chemical Oxygen Iodine Laser and the Beacon Illumi-

nator Laser, a solid state laser. It is intended to track and destroy any ballistic missile before separation of the warheads. Its laser will consist of common industry chemicals, concentrated to create a megawatt-class power.

The Northrop Grumman E-8C Joint Surveillance Target Attack Radar System uses a modified commercial jet to detect, locate and target ground movements in real-time transmission to U.S. Air Force and Army.

Northrop Grumman has teamed up with Lockheed Martin on their F-35 Lightning II project. After eight years of development, the companies have recently delivered a software package responsible for the aircraft's situational awareness.

Northrop Grumman Shipbuilding is the nation's only manufacturer of nuclear-powered aircraft carriers. It is also one of only two manufacturers of nuclear-powered submarines. Its productions include destroyers, cruisers and amphibious assault ships. The division is a leader in all its products.

The division is in the process of completing the 10th and final Nimitz-class aircraft carrier, the George H. W. Bush (CVN 77). The company is also the only one in existence able to renovate any Nimitz-class aircraft carrier. These carriers are as long as the Empire State Building is tall.

Northrop Grumman also has a history of community outreach programs, such as donating enough school supplies for 1,300 students. It has sent 30 middle-school teachers (and 2,000 ping-pong balls) to its fifth annual Weightless Flights of Discovery program, in which zero gravity is simulated.



Photo by Salome Saliashvili

## UAH Will Help Answer Mysteries of the Sun in Unprecedented Probe Mission

MATT SAYAR  
Staff Writer

The surface of the sun is not as hot as the atmosphere surrounding the sun. Nobody knows why. In 2018, NASA plans to launch the Solar Probe Plus to examine the sun to answer this question and more, and UAH will have a hand in helping create this probe.

The Solar Probe Plus is one of NASA's more expensive projects, estimated to cost about \$1 billion. UAH will work in conjunction with Marshall and other partners to look into the Solar Wind Electrons Alphas and Protons investigation. The university competed against other institutions such as Southwest Laboratories, the University of New Hampshire, Johns Hopkins University and Jet Propulsion Laboratory for the chance to contribute to the project.

The goal of the Solar Probe Plus is to plunge deep into "corona" of the sun, or the sun's plasma atmosphere. The surface of the sun is around 5800 degrees Kelvin, while the corona is between one and three [italics]million[italics] degrees Kelvin. The Solar Probe

Plus is intended to study this more closely.

Also studied will be what "propels the solar wind that affects Earth and our solar system," said Dick Fisher, director of NASA's Heliophysics Division in Washington. The probe will orbit the sun in a flower-petal-shaped pattern until the equipment falters, estimated to be until 2025.

The front of the Solar Probe Plus shields the rest of the equipment with a veritable heat shield, and the equipment UAH is developing in conjunction with Marshall will be housed behind a Faraday Cup on the front of the vehicle. The technology will be tested with partners in France, who own a glorified furnace to simulate the sun's high temperatures. UAH will also be a heavyweight in developing theoretical models and simulations of how the probe and its instruments will react to the intense heat on the mission.

"This is the most important solar physics project that the heliophysics community wanted for the past twenty to forty years, and will be the most important for probably forty years in the future," said

Dr. Gary Zank, director of UAH's Center for Space Plasma and Aeronomic Research. "This propels us to the forefront of the field. . . This project is in the same class as the Hubble [Space Telescope]."

The Solar Probe Plus will take the guesswork out of many theories. "The results will be absolutely definitive," Zank said. "Of course, good science will raise more questions," he added.

UAH is also competing for the relocation of the National Solar Observatory team, currently located in Sunspot, N.M. "Having the National Solar Observatory in Huntsville would make the area a leader in this kind of research," Zank remarked, specifying the way in which the NSO would complement the current installment of CSPAR and Marshall.

The Advanced Technology Solar Telescope is being built in Maui, HI, and Huntsville would be the home base for the 60 to 70 scientists who would work with the telescope.

"It would make this area a great place to do work," Zank said. "It promises to be exciting."

## Professor Lectures on New Evidence on Custer's Last Stand

RUSSELL HAWKINS  
Staff Writer

Dr. Melissa Connor of Nebraska Wesleyan University will give a lecture entitled "Fields of Fire and Men with Custer" on Sept. 29 at 7:30 p.m. in Chan Auditorium.

Connor will delve into some previously unanswered historical inquiries regarding the Battle of Little Bighorn.

Referenced by many names, including the Battle of Greasy Grass and Custer's Last Stand, the Battle of Little Bighorn has been the subject of rigorous historical debate. On June 26, 1876, Lakota, Arapaho and Northern Cheyenne peoples successfully defeated and

slaughtered cavalry Commander George Armstrong Custer and his soldiers. Because the Native American accounts of the battle conflicted, conclusive descriptions of the confrontation have remained elusive.

However, Connor has worked against this problem. Investigating through 2005, Connor and her team of archaeologists have uncovered pertinent data pertaining to Custer's Last Stand.

"The lecture is basically bullets, bones and the collision of the two," Connor said. "I'll add some new material using terrain analysis done through a geographical information systems program. Then, we'll talk about the soldiers

themselves and what we learned through the osteological analysis, both about their lives and the wounds suffered at the battle."

She continued, "So often, historical debates are a matter of new people re-interpreting existing data. But this [research] was an opportunity to add, not just new data, but a new type of data-- the physical evidence-- to the information surrounding . . . Little Big Horn."

Connor, an associate professor at Nebraska Wesleyan University, has written a book entitled *Forensic Methods: Excavation for the Archaeologist and Investigator*, among other publications.

The lecture is free and open to the public.

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## Baseball Team Undergoes Several Off-Season Changes

JONATHAN KEENUM  
Staff Writer

The UAH baseball team went through several changes since the middle of last season, then went through a few more this summer. The Chargers have settled in to their new field on campus, hired a new head coach and gained a well-known assistant coach.

2011 marks the first season UAH will play entirely on campus. The Chargers have called Joe Davis Stadium their home since the team's inception in 1996. But UAH finally decided to give the baseball team a home on campus, finishing construction on a new baseball field in early April.

Lowell Mooneyham stepped down as the Chargers' head coach just after their season came to a close in the Gulf South Conference tournament last year. The Chargers wasted little time in naming interim coach Hunter Royer as the new skipper. Royer served the past three seasons as an assistant coach and was named the top collegiate assistant coach in Alabama by the Alabama Baseball Coaches Association in 2009.

Royer spent three years as an assistant at West Alabama and helped the Tigers reach the NCAA Regional in back-to-back years. He joined UAH in the fall of 2006 as the Chargers' top assistant. He is dedicated to helping his players in any way possible and increasing support for the baseball team.

"I'm excited about the chance to continue our improvement here

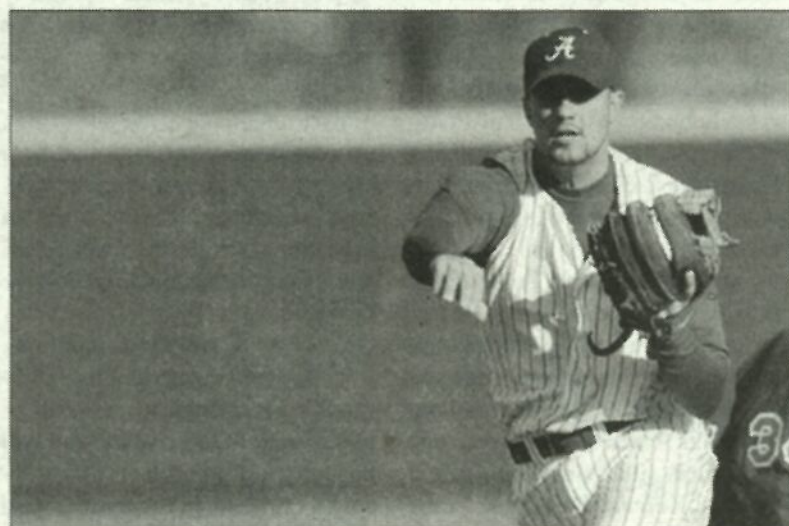
on the field and in the classroom," said Royer. "I'm looking forward to furthering our relationships in the local baseball community and growing support for UAH baseball."

Royer knew he would need somebody to fill his spot as assistant coach and hired one of the best. Evan Bush, the 2010 Junior Alabama Junior College Assistant Coach of the Year, fills Royer's position.

Bush spent several years playing baseball in college and in the minor leagues. He played his college ball at the University of Alabama and ranks very high in sev-

eral categories. He is second all time in walks (131), fifth in games started (215) and seventh in games played (223). He was also drafted by the San Francisco Giants and spent the 2006 season playing for minor league teams Fresno and Salem-Keizer.

Bush more recently comes from Beville State Community College in Fayette, Ala., where he spent three years as an assistant coach. His experience in and knowledge of baseball will prove valuable to the team as members look to improve and make a deep run in the GSC tournament.



Above: Evan Bush fills Hunter Royer's position as assistant coach. Photos courtesy of UAH Athletics

## First in a Series: Meet the Chargers-2010-2011 Hockey Team

TOM DURNIE  
Staff Writer

Student support is crucial to any sport, but it's always nice to be

able to put a name to the faces you see on the ice. Over the next few weeks, this series will introduce you to your 2010-2011 UAH Chargers hockey team.

### #2, Ryan Burkholder, Ontario, Canada - Senior, Defense:

Ryan "Burke" Burkholder enters his fourth season at UAH and his second as team captain. Every day, the 23-year-old history major exemplifies the leadership and hard-working attitude that is necessary for any team captain. Burke has a "never give up" mentality that rubs off on the rest of the team, pushing members to better themselves. Burke is expected to log big minutes this season and continue his role as a leader and mentor.



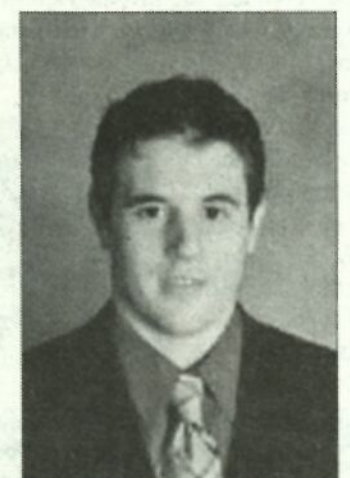
### #15, Matt Baxter, Courtice, Ontario, Canada--Senior, Defense:

Matt "Jim" Baxter also enters his fourth season in blue and white. At 6'3", Baxter will undoubtedly terrorize opposing forwards with his long reach and towering frame. He logged a lot of power-play time last season, and is expected to produce an offensive punch from the blue-line again this season. The 22-year-old psychology major has a knack for bringing the team together and is known around the locker room as "The Glue." More often than not, you can find Baxter at Morton Hall, running psychology experiments.



### #11 Neil Ruffini, Roswell, Georgia - Senior, Forward:

Ruffini is the only member of the Chargers who comes to us from south of the Mason-Dixon line. Ruffini was introduced to hockey at a young age, and moving to Georgia did little to stop him. He attended two years of high school at Proctor Academy in Andover, N.H., and came to UAH as a walk-on freshman. Over the past three seasons he has developed into one of the Chargers' biggest offensive threats. The 22-year-old finance major is expected to use his size and scoring abilities to propel the Chargers' offensive this season.



Photos courtesy of UAH Athletics

## Stuedeman Increases Role in Charger Athletics

JONATHAN KEENUM  
Staff Writer

The Chargers Athletic Department has named UAH head softball coach Les Stuedeman as its new Senior Woman Administrator. Stuedeman fills the vacancy left by Sheila Ray, who retired this summer after 16 years of service on the athletics staff.

Stuedeman has been the head softball coach since 1995 and boasts an impressive resume for any sport. She has had more than 700 wins since taking over the program, eight Gulf South Confer-

ence tournament titles, three South Region titles, and also brought the Chargers to a NCAA Division II Championship game in 2009. The Chargers had a 41-12 record and were only one win away from the Super-Regional last year.

Stuedeman will continue to coach the softball team and will have several additional duties and responsibilities with her new position in the athletics department. Her biggest responsibilities will be her role in the senior management team and working with the Student Athlete Advisory Committee.

### CHARGER SPORTS SCORES

#### Men's Soccer

Record 1-5-0  
GSC 0-0-0

September 17  
Tennessee Wesleyan 0  
Chargers 1

September 19  
Christian Brothers 2  
Chargers 0

#### Women's Soccer

Record 3-2-0  
GSC 0-0-0

September 17  
Tennessee Wesleyan 1  
Chargers 2

#### Volleyball

Record 3-8 GSC 0-0

September 16  
Harding 0  
Chargers 3

September 17  
Arkansas Tech 3  
Chargers 0

September 18  
Henderson State 3  
Chargers 2

### CHARGER SPORTS CALENDAR

#### Men's Soccer

Record 0-5-0 GSC 0-0-0

Date	Opponent	Site	Time
September 24	Harding	Home	3:30 p.m.
September 26	Ouachita Baptist	Home	3:30 p.m.

#### Women's Soccer

Record 3-2-0 GSC 0-0-0

Date	Opponent	Site	Time
September 24	Harding	Home	1:00 p.m.
September 26	Ouachita Baptist	Home	1:00 p.m.

#### Volleyball

Record 3-8 GSC 0-0

Date	Opponent	Site	Time
September 24	Shorter	Away	6:00 p.m.
September 28	North Alabama	Away	7:00 p.m.

#### Cross Country

Date	Event
September 23	Oakville Cherokee Trails Invitational (5k, 8k)

# Navy Providing Career Opportunities to UAHuntsville Job Fair Attendees

LT. TENG OOI

Lt. (Dr.) Teng Ooi, a U.S. Navy campus liaison officer and a Navy Recruiting District Nashville representative, participated in the UAH Job Fair/Career Information Day on Sept. 15 at the University Fitness Center. The UAH Office of Career Advancement hosted the event.

The job fair attracted hundreds of UAH students, alumni, and potential job seekers from all fields, including business administration, engineering, science, liberal arts, medicine and nursing. It provided job seekers the opportunities to meet, interview and discuss various job opportunities with more than 80 national and regional employers.

The Job Fair was free and open to all UAH students and alumni interested in career development and career change. These students and alumni could discuss employment opportunities, co-ops, internships, and full- and part-time positions.

Job seekers were eager to hear about and discuss Navy officer programs, recruiting incentives and available job opportunities. As a result, a Navy recruiter and a campus liaison officer from NRD Nashville successfully promoted Navy awareness-raising efforts and discussed job opportunities, financial aid, scholarships and various incentive benefits available to students interested in pursuing officer programs with the U.S. Navy.

These officer programs benefit students by significantly reducing tuition expenses, while at the same

time providing on-going continued training, personal growth and the opportunity for an excellent career after college. For many students, these programs may be the encouragement needed to complete their bachelor's and graduate degrees and advance towards a more successful future.

Lt. Sam Kennedy (NRD Nashville's Navy Officer Programs recruiter) stated that recruiters are a valuable resource for assisting students as potential employees in the Navy. They not only ensure that students understand the opportunities available to them, but they also make young people aware of the Navy as an excellent career path.

The Navy recruiter also provided valuable insights on the numerous opportunities (specifically in the medical, nuclear and Reserve Navy officer programs) available for current and future UAH students.

"With such a large pool of potential candidates that you meet in person, you are certain to find the right fit for your available positions," said Kennedy. "Additionally, we assist students in selecting Navy careers that best fit their skill sets, interests, aptitudes, intelligence and creativity. Establishing your strategy for attracting the right job seekers is essential in the current challenging economy."



Photo by Pierre Nelson

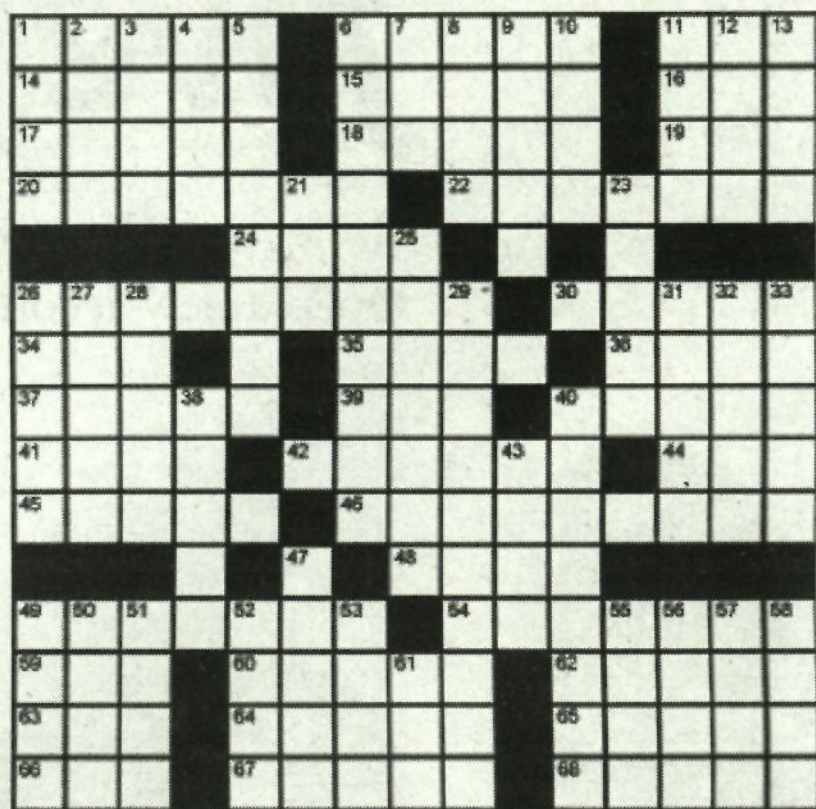
## Crossword

### Across

1. Male animals
6. Dashboard (mainly Brit)
11. Cosmetic, drug and food assessors
14. Judging committee
15. Iranian money
16. Outer edge
17. Starting musical passage
18. Acknowledge to be true
19. First Lady?
20. Capital of Bhutan
22. Characteristic of the pampas
24. Engine housings
26. Luminescent marine protozoan
30. Underwater worker
34. Top fighter pilot
35. Overdue
36. Tudor statesman
37. Coldly
39. Hard tough wood
40. Military chaplain
41. Hick
42. Not luxurious
44. Stunned
45. Scent
46. Not permanent
48. Old English annual or semi-annual court
49. Shacks against trees or buildings (4-3)
54. Having two colors (3-4)
59. Fruiting part of corn
60. Got up
62. Feudal estate
63. Nontextual matter
64. Occur again
65. Thespian
66. Insect
67. Requires
68. Units of loudness

### Down

1. Narrow point of land
2. Hyperbolic tangent
3. Not in favor of
4. Seed
5. Messily
6. Dishonest
7. Help
8. Temporary shelter
9. Of the upper hipbone
10. Material testing agency
11. At large
12. Distinguished female singer
13. So be it
21. Entire (prefix)
23. First ballerina
25. Surgical knife
26. Monetary unit of Nigeria
27. Come to mind
28. Crybaby tree
29. Evaporation measuring instruments
31. Russian liquor
32. Inaccuracy
33. Thin-sounding
38. Yellow color
40. Mosaic of aerial photographs
43. Cast forth
47. Early 1950s theater of war
49. Foliage unit
50. Male name
51. Artillery
52. Small fruit pie
53. Hit hard
55. Instrument for indicating speed of rotation
56. On the track of
57. Brightest point
58. Slips
61. Proceed against



## Sudoku

	1	3		2				6
			7		9			
					3			2
9	2			4				3
5								1
4						6		5
	7					2		8
8				1		4		
	6			9				

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

## Solutions to last issue's puzzles:

1	5	2	9	7	3	6	8	4
3	7	8	5	6	4	2	1	9
9	6	4	1	8	2	7	3	5
4	9	3	6	2	5	1	7	8
8	1	7	4	3	9	5	2	6
6	2	5	7	1	8	4	9	3
5	4	1	3	9	7	8	6	2
2	3	6	8	5	1	9	4	7
7	8	9	2	4	6	3	5	1

1	R	A	P	S	6	C	O	M	E	T	10	A	B	B	R
14	O	M	I	T	15	A	W	A	R	E	16	R	O	L	E
17	O	O	Z	E	18	E	L	T	O	N	19	R	O	U	E
20	S	U	Z	A	N	N	21	I	S	O	L	A	T	E	D
23	T	R	A	D	E	24	N	25	R	26	Y	27	U		
28						W	I	N	E	S	30	F	D	O	C
31	C	R	A	P	S	34	E	E	L	35	A	N	U	R	A
37	L	I	K	A	B	L	E	38	E	X	T	I	N	C	T
39	A	M	I	N	O	40	D	Y	E	43	A	L	G	A	E
45	T	E	N	46	Y	47	Y	O	K	E	L				
48	T					M	W	D	49	L	E	G	I	T	
52	E	D	G	E	54	W	I	S	E	56	B	Y	P	A	S
57	R	I	L	E	58	P	O	L	E	R	61	H	U	L	A
63	E	M	I	T	64	E	L	E	N	A	65	A	G	A	R
66	D	E	B	S	67	D	O	D	G	E	68	H	E	M	S



# five free pizzas!

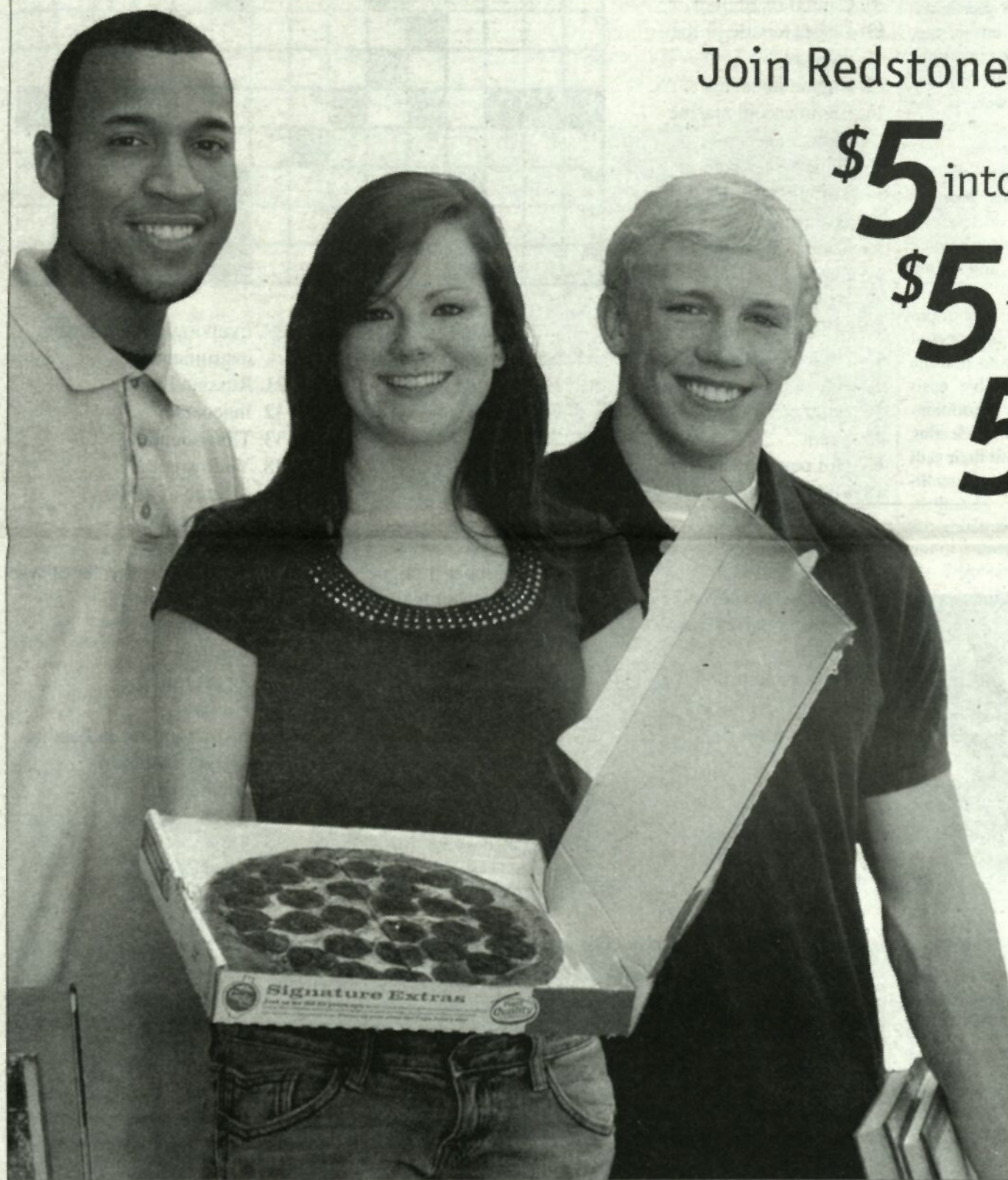
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