

University of Alabama in Huntsville

LOUIS

2010

Exponent (1969-2012)

2010

Exponent, Vol. 42, Iss. 5, 2010-09-30

University of Alabama in Huntsville

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Recommended Citation

University of Alabama in Huntsville, "Exponent, Vol. 42, Iss. 5, 2010-09-30" (2010). *2010*. 18.
<https://louis.uah.edu/exponent-2010/18>

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The Exponent

The Student Newspaper of UAH

Volume 42, Issue 5

September 30, 2010

ARTS & LEISURE BRIEFS

The UAH Theatre Department will perform A. R. Gurney's play "The Dining Room" from Oct. 14-23 for Wilson Hall Theatre's inaugural production. Except for a 2:30 matinee on Oct. 17, all performances will begin at 7:30 p.m., and are free to UAH students. For the public, tickets are \$10, while students studying through other institutions can purchase tickets for \$5. David Harwell, a UAH lecturer and director of "The Dining Room," discussed the decision to produce Gurney's comedy.

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If you're a party-goer, then you may have recently heard the words "Four Loko" uttered here and there. If you're one of the braver souls, you may have even had the opportunity to actually drink one of these heavily caffeinated and heavily alcohol-infused concoctions. If you're not familiar with Four Loko, there is much more to the story of this drink than meets the eye.

See LOKO on Pg. 3

SPORTS BRIEFS

The Chargers volleyball season is in full swing, but head coach Laura Taube was still able to find a few minutes to sit down for an interview. Taube agreed to answer a few questions ranging from her past athletic experience to this season's expectations.

See VOLLEYBALL on Pg. 6

The Chargers open their season against the Ferris State Bulldogs at 7:05 p.m. on Oct. 7 at Propst Arena in the Von Braun Center. The Chargers last faced the Bulldogs during the 2008-09 season at the Bulldogs' home in Big Rapids, Mich. The Chargers were unsuccessful in two games, falling by scores of 4-2 and 5-2 respectively. Needless to say, the team has not forgotten, and the Chargers seek revenge.

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International Student and Scholar Office Offers Opportunities for International Students

SALOME SALIASHVILI
Staff Writer

UAH has attracted more than 400 students from at least 62 countries each semester. The International Student and Scholar Office continues to grow and further diversify the UAH campus.

Many students come looking for a U.S. education. For Ryohsuke Aoki, a senior from Japan, the deciding factors in her choice of institution were tuition, landscape, a small-sized university and especially the student-teacher ratio.

The news about UAH spreads mainly by word of mouth, such as through family or alumni. In order to remain fair to every incoming student, the application for an international student is the same as that for domestic students. In some countries, there are obstacles to studying in the U.S. Some students have to go to neighboring countries or universities where the necessary tests (such as the SAT) are administered. Yet the opportunities are there.

Similarly, the tuition process is the same as for U.S. students. Most tuition comes from specific private

sources, both in the U.S. as well as in the home countries, which can sponsor a student.

The international students have three enrollment options: undergraduate or graduate studies or the Intensive English Program. The first two are the same courses as are offered to domestic university students. The latter consists of a rigorous one-year curriculum to help with English proficiency in every form; it is a non-degree program, but can lead to continued study at a U.S. university.

Current students can work 20 hours on campus with a full enrollment.

"Our primary responsibility is to assist F-1 [student visa] students, UAH-sponsored J students and scholars, and individuals sponsored by UAH for employment purposes and their dependents with the myriad of processes required during their stay at the University of Alabama in Huntsville," Marisa Atencio, director of the program, said. "To that end, we strive to be a buffer between UAH-sponsored employees, researchers, students and highly complex government bureaucracy."



Photo courtesy of UAH ISSO

"As far as I know, the international student advisers at UAH have done a terrific job in taking care of the foreign students' immigration matters and in assisting students whenever they are seeking help," Chen Yew Toh said. "And I am pleased that we have such a good service at school," Chen added that more information and options for health insurance would be appreciated, something any student on campus can understand.

One-year cultural exchange students are also a source of stu-

dents from different countries; this is a separate program and goes through either Visitor Programs or the U.S. Education Advisement Office, which finances the students completely.

It is up to UAH students to create a typical American college experience and provide the cultural aspects to their stay. The international students give glimpses into the diverse cultures and possibilities the world has to offer, which is especially important in an era of globalization.

UAH to Acquire a Cave Automatic Virtual Environment Next Year

MATT SAYAR
Staff Writer

UAH has received a \$500,000 grant from NASA to purchase a Cave Automatic Virtual Environment. The university hopes to have the device ready by the spring semester for research and instruction purposes.

The CAVE is a six-walled room with between four and six projectors that display one continuous image on each surface of the room. The user can wear gloves to manipulate images within the simulator, and optional 3D glasses will amplify the level of immersion. The "holodeck" from the "Star Trek" television show is an appropriate comparison. It was first introduced in 1992 after being developed in a lab at the University of Illinois in Chicago. Since then, the CAVE has been implemented in many universities around the country, as well as many engineering companies to assist in product development and prototype testing.

The model UAH plans to buy includes the four walls and the floor, plus upgraded high lumen projectors. UAH has contributed an additional \$300,000 to the grant and seeks to raise an additional \$358,000 from local companies in

the area to get the enhanced model. Dr. Mikel Petty, director of the UAHuntsville Center for Modeling, Simulation and Analysis, said the response from local companies has been very positive, and we will likely have a partner soon.

The plan for the simulator is to use it primarily for researching topics like fluid dynamics models, converting existing two-dimensional visualizations to three dimensions, and also for recreating places around Earth, or even outer space.

"Imagine standing in the exhaust plume of a rocket," Petty said. "Or even standing in Valles Marineris," he added, referring to the immense canyons on Mars.

It will also be available for instruction, allowing students the opportunity to use the machine for their own studies.

No final decision has been made as to where the device will be placed yet.

"The device is very tall," Petty said. It needs 15 feet of vertical clearance and has scaffolding that needs to be taken into consideration.

The machine will be purchased before the end of the year, and a ribbon-cutting ceremony will take place toward the end of the spring 2011 semester.

Campus-Wide Take Charge, Go Green Challenge Set for October

DREW WOOLLEY
Staff Writer

From Oct. 1-29 the Student Government Association teams up with the Plant, Sodhexo Food Services and University Housing to promote the Take Charge, Go Green Housing Challenge on campus.

The competition, which will last over the first four weeks of October, aims to encourage recycling, saving energy and taking initiative to help the planet. Throughout the month, students living in the Frank Franz, North Campus, Central Campus and Charger Village residence halls will compete against each other to earn points for their building.

Jasmine Grier, who heads up the challenge for the SGA, reported that there will be a kick-off event on the first of the month. "Every week until the 29th we'll have small programs, which will be little ways to get points," she said. "The whole object is to earn your building the most points."

One such event will be a TVA-run scavenger hunt. On Oct. 19 a representative for the TVA will visit campus to speak about what the organization does as well as set up the week-long energy-saving scavenger hunt. Those who at-

tend the event will get free T-shirts, be entered in a raffle to win a \$50 iTunes gift card and earn points for their building. The winner of the scavenger hunt will also win a \$50 iTunes gift card and additional points for their building.

Other events include presentations on energy saving and recycling, but students will also be able to organize their own projects to help the environment.

"We really want it to be a student-led event where the groups heading it up are not taking it over," Grier said. "We're just seeing how the students feed off it."

The Plant on campus will keep track of how much recycling each building does, and students will report to their R.A., who will in turn report to SGA to get points for individually organized events. The winning building will get a lunch pizza party, a winning banner and a trophy.

"And of course, bragging rights for the rest of the year," Grier said.

The organizers hope that areas that are difficult to find central collection points for, such as Fraternity and Sorority Row and Southeast Campus Housing, will soon be included, making the Go Green Challenge a truly campus-wide movement.

Faculty Profile: English Lecturer Sinceree Gunn

RUSSELL HAWKINS
Staff Writer

What drew you toward an English major? I started college as a biochemistry/pre-med major. My plan was to go into geriatrics and internal medicine. However, I took organic chemistry my sophomore year and said, "This is just not for me. I need to do something that I can wake up every day and love." So I took some time to think about what I liked to do and what I was passionate about. And I realized that I love writing, and I love reading. In fact, throughout most of my young life, I worked through things by writing—be it a story, a poem or just my thoughts. I knew that I could wake up every day and enjoy studying English. That is why I became an English major.

What inspired you to pursue a career in teaching? I had some really good teachers in English; in fact, I had some really good teachers in all my subjects throughout school. Those inspiring teachers were a large part of why I pursued a career in teaching. Another reason is that I had a number of friends who had really negative experiences with teachers. And when my friends would ask me for help because their teachers were unwilling to help, I enjoyed encouraging them and showing them how to write. I liked the fact that I could help people, especially people who "hated" English.

Why did you come to UAH? Well, when I was a graduate student here at UAH, I served as a graduate teaching assistant, and I loved it. I enjoyed the environment; I enjoyed the people I worked with. When I graduated, I was actually interested in working at UAH; however, there were no position postings for the English department. So I applied

for several teaching positions throughout the Southeast and received three or four job offers. Truth be told, I had actually accepted a position prior to a position posting at UAH. Since I wanted to work here, I decided to apply. When I was offered the teaching position at UAH, I called the other university and let them know that I had accepted another position. So, to answer your question, I enjoyed the environment at UAH when I was in grad school, and that is why I decided to work here.

What do you like most about this school? One of the things I really like most about the school is the diversity of students. We have students coming from all types of backgrounds, working experiences and life experiences. I enjoy the diversity of students.

What do you like least? To be honest, I would really like the college of liberal arts to have better facilities. Specifically, I would like a new building for the departments that are housed in Morton Hall.

What is your opinion of the student body at UAH? I have noticed that students at UAH are really resilient. And I'm really proud of them. Also, the students here at UAH have the potential to give back to society in a great way—through their research, their



Photo courtesy of Sinceree Gunn

creativity and their skills.

Do you have any advice for English majors? If this is what you love to do, do it. Don't listen to anyone who tells you, "You won't get a job if you get your degree in English." And please do not feel as if your degree is going to be of no worth, because that's simply not true. In fact, the analytical, research and problem-solving skills that are strengthened in English classes are very valuable in the

See PROFILE on Pg. 7

Harwell Discusses the The Upcoming Production of "The Dining Room"

RUSSELL HAWKINS
Staff Writer

The UAH Theatre Department will perform A. R. Gurney's play "The Dining Room" from Oct. 14—23 for Wilson Hall Theatre's inaugural production. Except for a 2:30 matinee on Oct. 17, all performances will begin at 7:30 p.m., and are free to UAH students. For the public, tickets are \$10, while students studying through other institutions can purchase tickets for \$5.

David Harwell, a UAH lecturer and director of "The Dining Room," discussed the decision to produce Gurney's comedy.

"It has opportunities for a lot of actors. . . . It's timely; it's an American classic," he said. "And it's great for people with a short attention span. [As a] series of nineteen vignettes, it's cinematic in a way, and that appeals to modern audiences."

Originally performed in New York City during the 1980s, the play both laments and satirizes the lives of an ever-changing ensemble of white Anglo-Saxon Protestant families whose common denominator is a set of dining room furniture.

Harwell described the play as having variety, playfulness and imagination.

"The play is basically about the dining room as a vanishing cultural icon, that we don't use them anymore, and why we don't use them anymore," he said. "The play takes place from 1920 to the mod-

ern day and shows the evolution of the room's use and disuse."

While the play focuses on a single set, the cast and crew have encountered unique challenges associated with the play. For instance, both the male and female cast members must perform between two and four roles each.

"The casting process was challenging," Harwell said. "You're always looking for chemistry between actors. In this case one actor is never with another actor more than once, yet they are all playing three or four scenes. It's about interesting combinations of on-stage chemistry."

This episodic dynamic has led to other obstacles.

"A play will typically give you a certain amount of time to achieve a certain emotional state," Harwell continued. "We have about seven minutes to achieve those climaxes [with "The Dining Room"]."

Rehearsing in 45-minute segments, the crew and cast have been practicing one scene at a time. "What was challenging for me was [deciding] which scene to do next, and what's required of the scene in terms of physical properties," he said. "Is this the scene with lots of dishes? Is this the scene with the basket of laundry? [Consequently] I have staff that helps keep me on track."

For more information about the UAH theater department's 2010-2011 season visit <http://theater.uah.edu>.

The Exponent

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Next Issue: Thursday, October 14, 2010

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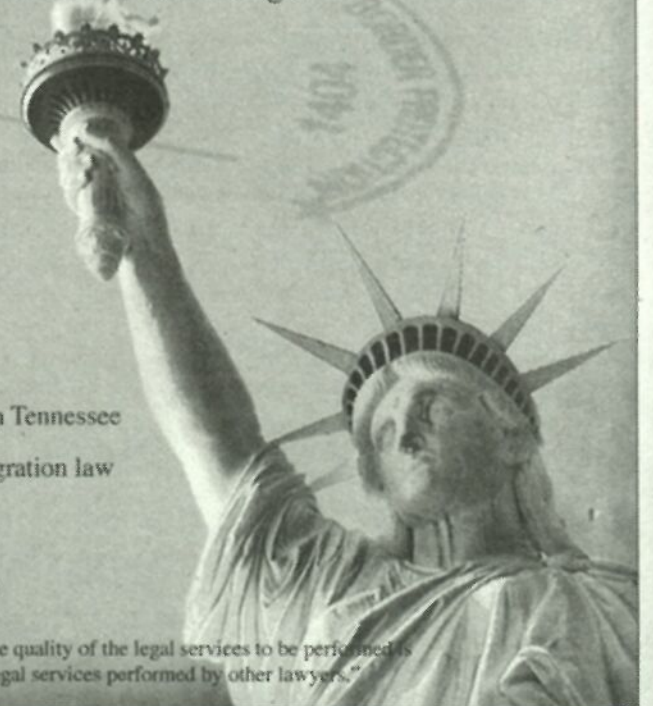
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Behind the Controversy Over Four Loko

DAVID DANIELS
Staff Writer

If you're a party-goer, then you may have recently heard the words "Four Loko" uttered here and there. If you're one of the braver souls, you may have even had the opportunity to actually drink one of these heavily caffeinated and heavily alcohol-infused concoctions. If you're not familiar with Four Loko, there is much more to the story of this drink than meets the eye.

Four Loko was the brain child of three entrepreneurial men from Ohio State University, Chris Hunter, Jason Wright, and Jaisen Freeman. They decided to make a drink that would allow an inexpensive and quick "buzz", but with an extra kick to keep the party going. They created Phusion Projects, a company geared towards experimenting different products in an effort to create something never done before in the beverage industry. Four Loko was one of (and perhaps the most successful of) these creations.

The drink comes in eight flavors: lemonade, grape, fruit punch, orange, watermelon, blue raspberry, cranberry, cranberry lemonade, and kiwi strawberry. It's sweetness clashes with its heavy malt liquor flavor. It is sold in 23 oz cans, and

because of its size, its alcohol content varies from state to state. In Indiana, the less potent version sports 6 percent alcohol content. However, in our great state of Alabama, you can get your hands on the fully-charged 12 percent alcohol version (by the way, that's about 3 times the alcohol content in any standard beer). Added to this is caffeine, taurine, guarana, and wormwood, ingredients seen in Red Bull and other energy drinks (hence giving the drink the term "loko", of which "loco" is Spanish for "crazy -how the drink could make you act).

This drink has not gone without a massive amount of criticisms for its potential health effects. Any drink that has a mixture of a stimulant and depressant can have adverse effects on the body. In November 2009, the Food & Drug Administration gave warning to Phusion that they would be looking into the safety and legal angles of commercially selling such a drink, stating the drink contained "intentional addition of caffeine to an already volatile drink"

The future of the Four Loko-brand is uncertain, as investigations continue, however one thing is for certain: as market share increases for this brand, it's evident these three gentlemen's mission was fulfilled in changing the world of food and beverage forever.

Lincoln Mill Remodeled to Include Brewery, Art Galleries, and Film Theatre

STEVEN LEWALLEN
Staff Writer

If variety is the spice of life, then Lincoln Mill is hot enough to rival a habanero.

Purchased in 2007 by Dr. Jim Byrne, the mill is under renovation to become a center for arts, business and sustainable living in northeast Huntsville. The mill already has a brewery, an organic farm and a school for dyslexic children all on site; restaurants, loft apartments, a theater and rooftop gardens that harvest rainwater are planned for the future.

This is the latest rebirth of a mill that in its 100-year history has seen combat fatigues, business cards, and moon buggies assembled beneath its roof. Lincoln Mill opened its doors in 1901, serving as a textile mill until 1955, when a series of strikes forced it to close. Huntsville businessmen reopened the mill as the Huntsville Industrial Center in 1958, leasing it to government contracting firms such as Brown Engineering.

Today's businessmen, however, are banking on sustainability and energy-efficiency. The mill itself sits atop a source for geothermal power. Old windows have been re-



One of the renovated areas inside of Lincoln Mill.
Photo by Steven Lewallen

placed with gas-filled double-paned glass, and some ceilings have been coated with high-insulation elastomeric paint, the same paint used on Shuttle orbiters. Even files left by previous tenants are composted to feed plants, and concrete salvaged on site is cut into bricks.

"We're all about recycling here," Superintendent Fico Escalante said.

As for arts and entertainment, Lincoln Mill has a stage and film theatre in the works, with seats pulled from a defunct Georgia theatre and risers made from indus-

trial shelving. In addition, museums featuring relics from the mill's history are slated to be placed in a revamped welcome center. A basement tunnel art gallery has been proposed as well.

But art at Lincoln Mill is not confined to galleries; graffiti murals explode outward from the walls in bright swaths of color. In particular, a stairwell built by NASA to control visitors in the 1960s has been turned into an homage to space travel by resident artist Chandler

See MILL on Pg. 7

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Huntsville Companies Series: Raytheon

SALOME SALIASHVILI
Staff Writer

Raytheon, which humbly started out in 1922 as Raytheon American Appliance Store, is the world's largest supplier of missiles. It currently employs over 75,000 people worldwide.

Its contributions over the years are numerous, but one salient invention is the world's first microwave oven, created in 1947 and costing between \$2000 and \$3000.

In 1948, Raytheon became the first company to develop a missile guidance system that could hit flying targets such as airplanes.

World War II saw the first use of shipboard radars that could detect Nazi submarines, or U-boats, without Nazis being able to tune into their frequency.

In Huntsville, the Raytheon Missile Systems division plans to build a state-of-the-art Standard Missile facility on Redstone Arse-

nal. It will perform final assembly, integration and testing for Standard Missile-3 and Standard Missile-6.

Standard Missile-3 is a Navy-based anti-ballistic missile with the capacity to take down a low-orbiting satellite. Standard Missile-6 is a long range update of SM3 and will have an active radar homing seeker, which will make it easier to hit more agile targets. It will go further than just the radar range of the launching vessel and has a 240-kilometer range.

SM6 has been in development at Raytheon since 2004, with a \$94 million contract. Early delivery will begin in 2011.

Huntsville was chosen as the most financially and operationally feasible site, since current Raytheon facilities were dismissed due to a lack of net explosive weight capacity, meaning it would be too dangerous. The groundbreaking for the 70,000-square-foot facility is scheduled for later this year and

will be completed in 2013 with \$75 million budget.

The last construction project for Raytheon was completed in 2007, so the Huntsville area keeps growing in terms of Raytheon operations.

Raytheon Reliability Analysis Laboratory has teamed up with NASA to use Raytheon's resources to study the effects of UV radiation combined with low earth orbit on spacecraft materials and to evaluate their chemical and structural changes.

Its Patriot Missile System started in 1967 with a U.S. Army contract to counter high-performance aircrafts. On the U.S. bicentennial, it entered its production phase and was dubbed the "Patriot." After the Persian Gulf War, in which it brought down SCUD missiles, it was recognized as being the first missile to successfully engage a hostile ballistic missile.

Its modern-day updates have reached 1,000 missiles, and it is still sought after and renowned for its effectiveness. Taiwan has just contracted Raytheon for \$1.1 billion to supply the combat-proven Patriot Air and Missile Defense System.

Raytheon has also demonstrated a fully integrated, high-performance infrared sensor. The program aims for full-earth surveillance for missile warning with the small and low-risk equipment of one telescope, which would highly outperform and simplify the current system.

Raytheon has highly advanced training programs for foreign governments. It has currently won the combat training contract in Kuwait and is competing for U.K. Royal Navy training contract. It also develops highly advanced cyber-security protocols.

Raytheon Company will also continue as the title sponsor of the Raytheon MATHCOUNTS National Competition through 2014. It brings together middle school students from around the country for a math competition to increase math participation and sends the winner to Huntsville Space Camp, among many other prizes.

Charger Chic: Style Scouting at UAH

SALOME SALIASHVILI
Staff Writer

Freshman Junfei Yao brought a fresh look with her to UAH when she combined skillfully coordinated black ankle-length leggings and a black shirt with a light and flowery gray dress and shoes.

Simple dresses like Yao's can be used to create almost any look. You can wear them alone or with a jacket or leggings. The dress doesn't even require accessories; its simplicity brings out its fun side. Take a cue from Yao and don't overdo it. A simple bracelet will do.

Her choice of flats contributes to the simplicity of her outfit and makes it look even more laid-back and cute. The layers give it the au-

tumn look, which trendland.net, a fashion and culture website, claims should give off a decidedly rich aura.

While color coordination is important, the subtle shades draw enough distinctions to make the outfit interesting. The color palette for autumn, according to fiber company Lenzing, includes the subdued in-between shades that reflect the environment. Junfei's grays reflect the concrete of the city, with flowers blending in the nature around it.

Embrace the fall season, which has just started and which will last long enough that you can experiment with layers, scarves and nature's deep tones to create unique outfits.

Event Calendar

Sept. 30

- The Student Health Center will be giving flu shots from 1:30-4:30 p.m. in UC 203. \$10
- Marge at Large performs at Humphrey's. 8 p.m.
- Taste of the Arts, an evening of art and performance featuring UAH students and faculty, will be held at Lowe House. Proceeds benefit UAH performing and visual arts. 6 p.m. \$75

Oct. 1

- Carridale, Barnstormers, Ponyboy and the Cleansing Epidemic perform at Insanity Skatepark. 6 p.m. \$8
- Shametown performs at 801 Franklin. 7 p.m.

Oct. 2

- The Handlers perform at the Voodoo Lounge. 7 p.m.
- Fred Roberts performs at Coffeetree Books and Brew. 8 p.m.

Oct. 3

- Red Headed Step Child performs at Bandito Southside. 7 p.m.
- The weekly Sunday Blues Jam, hosted by Freddy Earl and the Blues Mercenaries, will be held at the Kaffeeklatsch. 8 p.m.
- Devere Pride will be performing at Casa Montego. 8 p.m.

Oct. 4

- Tuesday's Hangover performs at Bandito Southside. 7 p.m.
- The Station will present its Acoustics on the Patio, which features local acts on the large outdoor patio overlooking Bridge Street. 8 p.m.




Photo by Salome Saliashvili

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Book Review: "Zen and the Art of Motorcycle Maintenance"

TOM BURWELL
Staff Writer

A lost set of keys. An electronic device that for some mysterious reason will not turn on. That question on the test that we were supposed to know but can't remember the answer to. A computer that just won't do what you're telling it. Stuckness.

That feeling of being stuck is central to the theme of Robert Pirsig's "Zen and the Art of Motorcycle Maintenance." The book opens on a road trip that the author is making with his son, Chris, and John and Sylvia, a likable couple who are friends of Pirsig. Chris is riding on the back of his father's motorcycle, while John and Sylvia ride on their BMW motorcycle.

Pirsig knows his bike inside and out; he is observant of every nuance of the motor that might be a clue toward keeping the motor in top condition. John and Sylvia, however, both are "stuck" when it comes to technology—BMW cycles are known for having a few mechanical problems on the road—and leave even the smallest jobs to a paid mechanic.

Finally Pirsig comprehends why: "To get away from technology out into the country in the fresh air and sunshine is why they are on the motorcycle in the first place. For me to bring it back to them just at the point and place where they think they have finally escaped it just frosts both of them, tremendously."

Pirsig's book presents a theory about the source of John and Sylvia's exasperation with technology and outlines the foundations for a solution.

But at this point I feel it necessary to issue a disclaimer. You may be thinking that this book sounds like both an enjoyable and illuminating read. And for the first 100 pages you'd be right! But the core of the book shifts in style, though it's not necessarily a change for the worse.

My disclaimer: "This book was written for people who like to struggle with ideas." The author admits as much at this point within

the book: "I suppose if I were a novelist rather than a Chautauqua orator I'd try to 'develop the characters' of John and Sylvia and Chris. . . . That would be quite a novel, but for some reason I don't feel quite up to it."

Webster's defines a Chautauqua as: "a traveling show or local assembly that flourished in the United States in the late 19th and early 20th centuries, that provided popular education combined with entertainment in the form of lectures [among other activities]." The Chautauqua form is the heart and soul of "Zen."

While I would recommend the first hundred pages to anyone, I would only recommend digging further to those who feel excited by the idea of a Chautauqua.

The rest of the book is more an autobiography of the author's journey through Western thought than a novel, although it retains many literary elements. Pirsig's insights continued to surprise me throughout the entire book.

His main concern is the question of what values scientific thinking teaches us. He comes to doubt society's commonly accepted viewpoint that science teaches only morally neutral, objective analysis.

Pirsig is not satisfied with this answer, because for him, science is a means to truth rather than a means to utilitarian application. Utilitarian application may satisfy most, but Pirsig invested too much in the pursuit of deeper Truth to stop there. To him, the near-universal acceptance of utilitarian application as a validation of science, at the expense of the pursuit of a single absolute truth, becomes a ghost that haunts his whole way of thinking.

"Great minds struggle to cure diseases so that people may live longer, but only madmen ask why. One lives longer in order that he may live longer. There is no other purpose. That is what the ghost says."

The problem, as he sees it, is that there are infinite possible applications of science, and indeed an infinite number of truths that ex-

perimentation can prove. We treat scientific knowledge as an end worthy in and of itself, but there is no ultimate completeness to be found there.

"It is science itself that is leading mankind from single absolute truths to multiple, indeterminate, relative ones. . . . Science itself is producing the indeterminacy of thought and values that rational knowledge is supposed to eliminate."

In this way, science and technology become every bit as subjective as musical taste or religious belief. We use science to extend life spans and rearrange the elements of the earth into any number of products for physical comfort or electronically produced amusement in the same way that one prefers Beethoven over Mozart, or the Catholic Church over the Baptist churches.

To avoid facing this inconsistency, Western thought has petrified, insisting that Classicism and Romanticism are mutually exclusive spheres, rather than two approaches toward the same end. The strength of the book is its analysis of this division, using motorcycle maintenance to represent the Classical mode of dividing and classifying knowledge, and using Zen to represent the Romantic, holistic approach.

This book is for those who enjoy wrestling with these sorts of ideas. In one of the more revealing autobiographical segments, Pirsig employs a quote from Albert Einstein describing an angel who expels the egoists and utilitarians from the Temple of Science. All that remain are "those who have found favor with the angel," those whose "finely tempered nature longs to escape from his noisy cramped surroundings into the silence of the mountains where the eye ranges freely through the still pure air and fondly traces out the restful contours apparently built for eternity."

For these, I could not recommend "Zen" highly.

Profile: Northrop Grumman's Huntsville Division

SALOME SALIASHVILI
Staff Writer

Huntsville's Northrop Grumman operations support major defense, command-and-control and integrated security programs, including the following: ground-based Midcourse Defense Fire Control & Communications; Forward Area Air Defense C2I; Command Post Platform; Counter-Rocket, Artillery, Mortar integration and fielding; Air and Missile Defense workstations; Integrated Battle Command System; and Missile Defense National Team.

The company has received \$68 million for Counter-Rocket, Artillery and Mortar, which the Huntsville division has developed in addition to housing the headquarters. C-RAM is a system that is deployed in U.S. bases abroad that detects incoming rockets, artillery, and mortars and warns soldiers of incoming attack. C-RAM also destroys the incoming rounds

in the air with a Gatling gun before the enemy rocket hits its target. C-RAM systems are currently in use in Iraq and Afghanistan and have saved the lives of many American soldiers.

Northrop Grumman also established the premier Missile Defense Engineering and Analysis Center and the Huntsville System and Mechanical Engineering Center of Excellence. The company supports major U.S. Army and other service programs, such as the Longbow Apache Missile, night vision equipment and precision munitions. It also provides logistics support to the U.S. Army Redstone services contract.

The company employs 1,400 people in Alabama. Of these, nearly 1,100 are in the Huntsville/Madison county area.

Thank you to Bob Bishop, a senior manager of media relations, for providing information about Northrop Grumman.



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Interview with Volleyball Head Coach Laura Taube

JONATHAN KEENUM
Staff Writer

The Chargers volleyball season is in full swing, but head coach Laura Taube was still able to find a few minutes to sit down for an interview. Taube agreed to answer a few questions ranging from her past athletic experience to this season's expectations.

You played both basketball and volleyball in college and even coached both at Spring Garden Middle School. What led you to eventually focusing on volleyball? Originally I was hired [at UAH] as an assistant basketball coach. That next year the head volleyball coach retired, and I applied for the job so I could be full time. I kept both jobs for two years, but

that got pretty hard. The next year we got a softball team, so I was involved with that as an assistant. I eventually switched to just volleyball, and I have stayed with it. It is my first love.

What has been your favorite moment as head coach at UAH? There have been several. One was when I got my 300th win at Harding. We had just beaten Central Arkansas, and the parents had bracelets for me. The players also got me a shirt celebrating the win. Really, every day to me is my favorite.

What is the most important attribute of a good volleyball player? [A good player] needs to have good skills and a good attitude. [He or she] has got to be able to put the team first. I have had players in the past who were used



Photo courtesy of UAH Athletics

to being the center of attention, and that just doesn't work out. Kids need to be a good team player.

As a coach, what would be your best piece of advice to any

See INTERVIEW on Pg. 7

Meet the Chargers, Part Two: 2010-2011 Senior Hockey Players

TOM DURNIE
Staff Writer

It's time for another installment of "Meet the Chargers!" This week, we'll round out the remain-

ing members of our senior class. These three players have invested a lot of time and effort into UAH, both on and off the ice, so don't be afraid to say hi if you see them around campus.

27 Vince Bruni - Toronto, Ontario - Sr., Forward

Vince "Brunes" Bruni is a pivotal player on the Chargers' roster. Over four years at UAH, Bruni has battled through several injuries, but he has not let it deter him. He brings size, grit and a physical presence to the ice every night. Bruni is the only fourth-year accounting major on the team. Bruni's body checks and stellar penalty-killing abilities make him an irreplaceable asset to the Chargers squad.



19 Chris Fairbanks - Milford, Michigan - Sr., Forward

Chris "Banks" Fairbanks is the ultimate competitor. More likely than not, you can find Fairbanks in the gym at Spragins Hall, perfecting his CrossFit technique. At 24, Fairbanks is the oldest player on the team. His speed and quick release will put him in a good position to score a lot of goals this season. He brings leadership and intensity to the locker room and the ice, and his off-ice conditioning habits are an inspiration to many of the team's younger players.



13 Joe Koudys - Grimsby, Ontario - Sr., Forward

Joey "Dice" Koudys (pronounced cow-dice) is a 22-year-old senior management major. Due to injuries last season, he was limited to only 13 games. Late in the season, Koudys had an emergency appendectomy. While in surgery, the doctors noticed that he also had a hernia, a consequence of lifting heavy weights. Then, this past summer, Koudys fractured his foot while training. But he is a determined individual; despite these trials, he returns for his senior season stronger and ready to go.



Photos courtesy of UAH Athletics

Chargers Sweep Fleet Feet Invitational

JONATHAN KEENUM
Staff Writer

The Chargers cross-country teams represented the university very well in the Sept. 18 Fleet Feet/Earl Jacoby Invitational. UAH swept both the men's and women's races as they defended their home course.

The men cruised easily to a first-place finish in the seven-team field with a total of 43 points. Nova Southeastern finished in second place at 57 points, followed by West Georgia with 63, Morehouse College with 71 and North Alabama with 107.

The women dominated their

competition in the 5k race by tallying only 29 points. No other team was close to UAH, as second-place Nova Southeastern racked up 58 points. The top five was rounded out by Delta State in third with 60 points, West Georgia in fourth with 102 points and Alabama A&M in fifth with 148.

The Chargers race again on Oct. 2 in Louisville, Ky., at the Greater Louisville Classic. They will then participate in two more meets before the Gulf South Conference Championship in Birmingham on Nov. 6.

Chargers Open Hockey Season at the Von Braun Center

TOM DURNIE
Staff Writer

The Chargers open their season against the Ferris State Bulldogs at 7:05 p.m. on Oct. 7 at Propst Arena in the Von Braun Center.

The Chargers last faced the Bulldogs during the 2008-09 season at the Bulldogs' home in Big Rapids, Mich. The Chargers were unsuccessful in two games, falling by scores of 4-2 and 5-2 respectively. Needless to say, the team has not forgotten, and the Chargers seek revenge.

The Bulldogs finished last season with a 21-13-6 record and found themselves in the nation's top 20 on a number of occasions.

They finished the season with a third place finish at the Central Collegiate Hockey Association (CCHA) tournament in Detroit, Mich.

The Chargers' record last season was not indicative of the success that they achieved. In the final tournament of the now-defunct conference, College Hockey America (CHA), the Chargers battled and won two close games, giving them the CHA championship and a berth in the NCAA regional tournament. They fell victim to #1 seed Miami-Ohio in the first game of the regionals by a 2-1 margin.

Despite the loss, the Chargers gained a wealth of experience; and although several players from last

year's squad are no longer here, their legacy of hard work and tough positional play has carried over to this year.

For the past few weeks, the Chargers have been working relentlessly on their skills and conditioning in preparation for this season. Their intense work ethic and teamwork make the Chargers a formidable threat to any team. The younger players have stepped up to fill in the gaps left behind from last season's departing seniors, and everyone is adapting well to the new systems.

Come cheer on your Chargers on Oct. 7 and 8 at the Von Braun Center. The puck drops each night at 7:05 p.m.

CHARGER SPORTS SCORES

Men's Soccer Record 2-6-0 GSC 1-1-0

September 24
Harding
Chargers 0
1

September 26
Ouachita Baptist
Chargers 2
0

Women's Soccer Record 4-3-0 GSC 1-1-0

September 24
Harding
Chargers 2
1

September 26
Ouachita Baptist
Chargers 0
2

Volleyball Record 4-9 GSC 1-0

September 24
Shorter
Chargers 3
1

September 28
North Alabama
Chargers

CHARGER SPORTS CALENDAR

Men's Soccer Record 2-6-0 GSC 1-1-0

Date	Opponent	Site	Time
October 1	Martin Methodist	Away	7:00 p.m.
October 6	Covenant	Home	2:30 p.m.
October 9	Lambuth	Away	4:00 p.m.

Women's Soccer Record 4-3-0 GSC 1-1-0

Date	Opponent	Site	Time
October 1	North Alabama	Home	12:00 p.m.
October 3	West Georgia	Away	1:30 p.m.
October 6	Auburn-Montg.	Home	12:00 p.m.
October 9	Lambuth	Away	1:30 p.m.

Volleyball Record 4-9 GSC 1-0

Date	Opponent	Site	Time
October 1	Arkansas Tech	Away	11:00 a.m.
October 1	Arkansas-Montic.	Away	3:00 p.m.
October 2	Henderson State	Away	9:00 a.m.
October 5	Montevallo	Home	7:00 p.m.
October 8	Valdosta State	Home	7:00 p.m.
October 9	West Florida	Home	1:00 p.m.
October 12	West Georgia	Away	6:00 p.m.

Cross Country

Date	Event
October 2	Greater Louisville Classic (5k, 8k)

From PROFILE on Pg. 2

workforce. So, I want to encourage you to stay in the field. And if you want to be an English teacher, pursue it. There is a need for good teachers—English teachers who love teaching, who love their subject. Like any other discipline, there is a need for teachers who are in the classroom because they love what they do.

What do you do for fun/hobbies? I love spending time with my family. There are a lot of children in our family, and they are all comical. In fact, I'd rather spend a day with all the kids in my family than

sit in a theatre watching a comedy, because the kids are so hilarious. I also enjoy reading and writing. Oh, I like putting puzzles together and going on nature hikes too. I just enjoy the simple things in life.

What do you like most about the area (Huntsville/Madison)? What I really like about the Huntsville area is that it has a very diverse community. There are a number of retirees, families raising children and college students. I also like that Huntsville is close to Atlanta, Birmingham, Chattanooga and Nashville. A mini-vacation destination is only a few hours away!

From MILL on Pg. 3

Hayes in collaboration with graffiti artists from around the Southeast. Hayes also painted the entrance to the Straight to Ale brewery and decorated the walls of a future restaurant and catering kitchen.

The reconstruction on the interior of the mill into apartments and office space is moving along at the quickest pace, as most of the floor space on the third level has been leased to an environmental firm. First-floor renovations are largely completed, with a few residents and businesses already moved in. The third floor is set to open in mid-December.

The public can already taste

the benefits of labor at the mill, as beer from Straight to Ale now flows from the taps at many local bars and restaurants. For many of the workers, however, the revitalization effort is its own reward.

"I've driven past this [mill] every day of my life, and always wished someone would do something with it," worker Ashley Hendricks said, echoing a dream she has often heard. "Now we're taking idealism and putting it into action."

More information and a blog about the mill project is available at www.lincoln-mills.com. For more pictures of the graffiti art, including the "NASA Staircase," visit www.lincolnsgold.com.

From INTERVIEW on Pg. 6

student athlete? Do what you love, and work hard at it. I fully believe in doing what you enjoy. The reason you are at college is to get a degree and be able to support yourself, but have fun doing it. I know I do; this is what I was born to do.

You have been coaching for a while now; do you have any plans for retirement yet? I have been coaching for 27 years total, and this is my 18th year here. As of

now I have no plans for retirement. When my dad retired, he was bored to tears. I love coming to work and working with the athletes. I can't think of anything else I would rather be doing.

The Chargers travel to Russellville, Ark. for the Arkansas Tech tournament Oct. 1-2. They return home Oct. 5 to play against Montevallo and resume conference play Oct. 8 against Valdosta State.

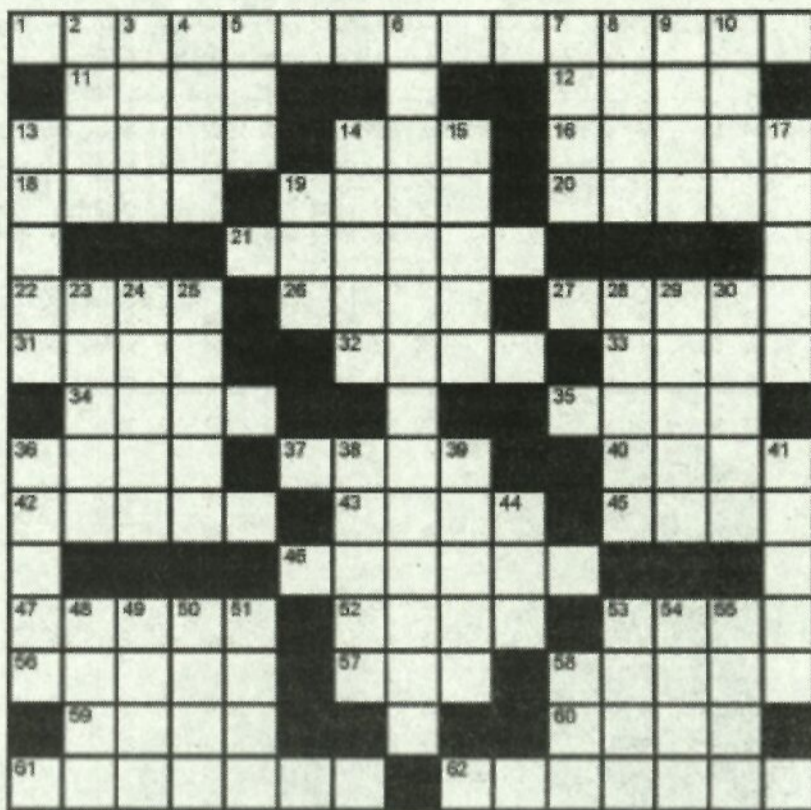
Crossword

Across

1. Coastal body politic
11. Bring together
12. Maltese money
13. Lanterns
14. Monetary unit of Vietnam
16. Sore
18. Old flames
19. Twinge
20. Gypsum and glue
21. Bother
22. Finely powdered earth
26. Partner
27. Rapid reactor shutdown
31. Frozen water vapor
32. Sugar added to champagne
33. Risque
34. Dance for two
35. African antelope
36. Attach a detonator
37. Water stores
40. Sprinkle
42. Northern English city
43. Riot spray
45. High quality sound
46. Necessary organs
47. Fissures
52. Gravitate
53. Out of harm's way
56. Come into use
57. Drunk
58. Depressed spirits
59. Wound protector
60. Edible grasses
61. Salary
62. Grubs

Down

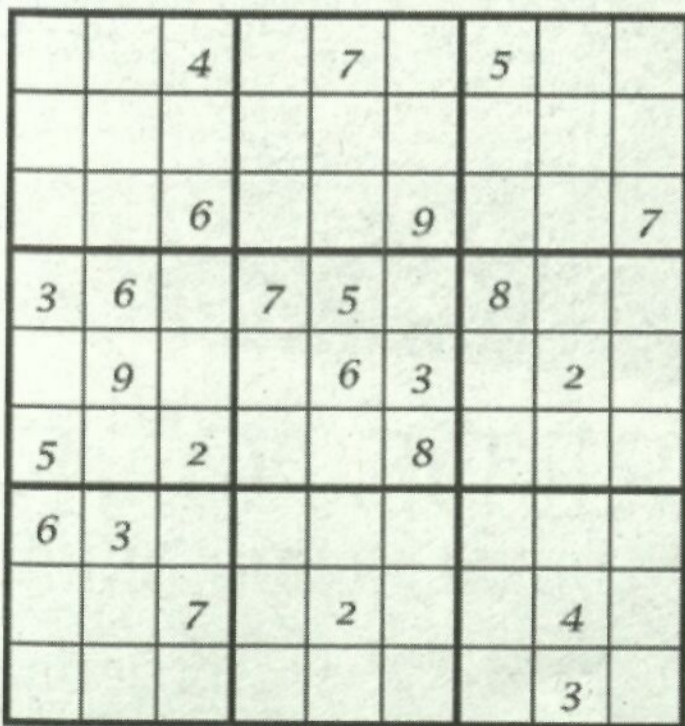
2. S Ontario town
3. Approximately
4. Rose fruit



5. Inches
6. Qualitative change
7. Garden pest
8. Stiff hat
9. Discharges
10. English river
13. Imparts
14. Member of a Judaic sect
15. Looks amorously at
17. Capacious
19. Foot of an animal
23. Inordinate
24. Immerse
25. Coarse wool cloth
28. Oppress grievously
29. Ranges
30. C&W composer
36. Blaze
38. Awry
39. Meager
41. Thin clay slabs
44. Wapiti
48. Instantaneous
49. Rockweeds
50. Skeet launcher
51. Compass point
53. Clinker
54. Spontaneous (prefix)
55. Special occasion
58. Wet spongy ground

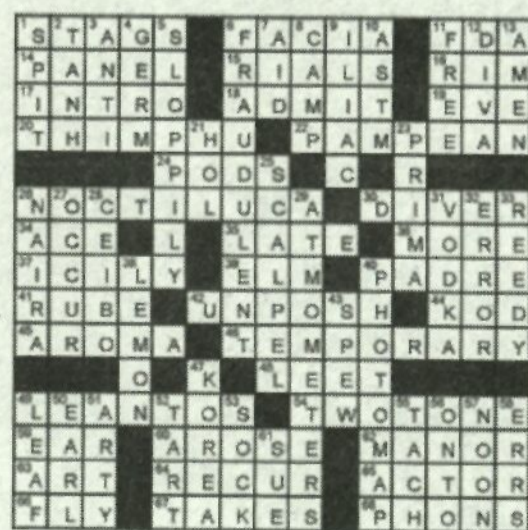
A man wrapped up in himself makes a very small bundle.
~Benjamin Franklin

Sudoku



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:



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