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The Exponent

The Student Newspaper of UAH

Volume 41, Issue 12

January 27, 2010

NEWS BRIEFS

The Women's Studies Program at UAH was one of 12 institutions selected to receive the 2009-2010 AAUW (American Association of University Women) Campus Action Project Grant in the amount of \$50,000. The Project advisors, Dr. Nancy Finley, Director of Women's Studies and Dr. Kathleen Leonard, Professor of Civil and Environmental Engineering, along with the Grant Team submitted the proposal for their project "Strengthening the Chain: Using Women's Social Networks to Encourage Nontraditional Students in Engineering".

See **STUDIES** on Pg. 3

ARTS & LEISURE BRIEFS

This Friday night, the Theta Pi Chapter of Alpha Tau Omega holds its second annual Black and White Party. The party begins at 10 p.m., and the fun will continue until 2 a.m. at the ATO House. Formal black or white attire or a combination of the two colors is required. A UAH ID and valid ID must be presented at the door to get into the party, and best of all, it's free.

See **ATO** on Pg. 4

SCIENCE & TECH BRIEFS

For the first time in American history, a federal chief technology officer of the United States has been appointed. President Obama nominated Aneesh Chopra for the position and charged him with the job of promoting technological innovations to help the nation meet its immediate goals, such as lower health care costs or an alternative energy source.

See **GOVERNMENT** on Pg. 6

SPORTS BRIEFS

The Rocket City Titans need 40 talented football players. For anyone who is interested, tryouts begin on Jan. 31 at 9:00 a.m. at the D1 Sports Complex on Bailey Cove. There is a \$30 registration fee, and anyone aged 18 or older is encouraged to try out.

See **TITANS** on Pg. 7

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Faculty Senate Votes On Williams' Censure

JULIE RAMHOLD
Staff Writer

On Nov. 12, 2009, the UAH faculty senate put forth a proposal for discussion that if passed would censure President Williams.

There were several points to the bill. They included the fact that the senate approached Williams for information that he did not supply (at that time); a report on ways to reduce parking costs; and most notably, information on the new housing policy. Such concern over housing and a lack of communication drove the faculty to vote on whether or not to censure President Williams.

All in all, there were six faculty members in favor, twelve against it, and fifteen abstained, meaning they basically did not vote. A motion was passed that gave voice to the feelings of displeasure on the housing policy. It seemed that the faculty did not make a decision to censure the president because they could not agree on whether or not it would do any good. It was ex-

pressed that it might confuse the community, although it would demonstrate that the administration should listen to faculty concerns.

The biggest issue raised by the faculty senate in considering the censure concerned the on-campus housing policy. Williams proposed that all freshmen and sophomores should have to live on campus beginning in the fall of 2010. The housing Web site (<http://housing.uah.edu/Housing/FR>) clearly states: "All single students who have earned less than 64 hours of college credit, are enrolled in 12 or more hours at...[UAH] are required to live on campus." The page continues, "Living on campus will contribute to the overall success of the student through...support mechanisms designated to promote academic and developmental success."

Though both students and faculty were under the impression that there was a "no exclusion" policy to the new housing rule, Williams stated in a meeting of the faculty senate on Dec. 3, 2009, that there

was no such thing as the "no exclusion" policy. He explained that students could apply for exemption. The housing site listed the reasons as marriage, medical hardship or if the student was at least 21 years old prior to the resident halls opening for the semester. There was also a miscellaneous reason listed, though that would require "substantial documentation" and a written explanation of the student's reason for not living on campus.

Several of the faculty were concerned with the new rule because quite often UAH applicants live within 30 miles of campus. Until this year, freshmen living inside that radius could live at home. Faculty members were concerned that such a rule would push away students who felt too constrained, which would cause the school to lose both students and income. By the time the senate met on Dec. 3, they had received 15 requests for exemption. Of those, six were granted exemption and nine were still under consideration. The changes to the housing policy were

seen as effectively "doubling the cost of attending UAH."

In an article written for The Huntsville Times, President Williams stated, "Nationwide data show that students who reside on campus have better grade point averages...and earn their degrees more quickly." He then went on to state that doing so would cause them to move into the local workforce sooner. "Our residential housing policy is one of many strategies we are putting in place today to ensure a brighter future for our students, our university and our community." Williams noted that the policy has increased financial aid and had a "generous exemption policy."

Students who need to apply for financial aid for housing can go to the following Web site: <http://finaid.uah.edu/> and fill out the necessary forms. The UAH Financial Aid Department also has a limited number of on-campus housing grants that are available for students who qualify: http://housing.uah.edu/forms/on_campus.pdf.

Editorial: Science and Art Classes Tack On Extra Costs

ANNA SHAVERS
Staff Writer

Everyone knows that the UAH bookstore is crowded the first week of school with students buying their last-minute school supplies and course books for their classes. Within those few days, the line is always long, even with two or three cashiers. After waiting in line, students attend classes, confident that they have all the necessities they need. This, however, is not always true.

As students, we do not have the same perspective as a professor. But does that mean that we should be kept in the dark about the necessary supplies we need for our classes? For the most part, I have been satisfied with the list of course materials I have purchased. As much as any other student, I am not happy with the prices of textbooks. However, if I am informed of the amount of money I am to spend, then I am more likely to be accepting.

For studio art and science classes, we as students constantly find ourselves unprepared with school supplies after reading over the syllabi in class. We find more money is to be spent on various supplies and course programs. Unlike most classes, these additional art and science supplies are not listed as required until the first day of class.

Science classes typically use



Should students have to pay additional costs? Photo by: Matt Sayar

homework and tutoring programs that have access codes that cannot be purchased in the bookstore. Instead, these access codes must be purchased separate from the textbook. In Chemistry 101, ALEKS, a tutoring program costing \$40 is not only required, but professors do not inform students of this until the first day of class. I was surprised when I attended the first day of class to find I had more money to spend. The class textbook and the clicker, which are required, already totaled over about \$150.

Studio art classes are not much better. Students typically do not know the supplies they will need until the first day of class, when they are given a list. For example, in Intro to Art, students are given a list of supplies to buy for the class for the semester.

"It was a ton of stuff...from paper to the container to keep our pens, ink, charcoal and erasers in," freshman Courtney Perry said. "We were allowed to use [the professor's] stuff, but she did not always have everything. It was just easier for us to have our own."

On top of the extra list of needed materials, these classes also have fees that are tacked on to tuition, such as science class fees and art class fees. Therefore, students have to pay for textbooks, class fees and then extra materials that students don't find out about until the first day. To help alleviate this problem, professors could e-mail complete lists or allow the bookstore to have a list of these required materials. But is this a realistic request to make of professors?

UAH Offers Seminars to Prepare Students for the Upcoming Career Fair

ASHLEY TROMBA
Staff Writer

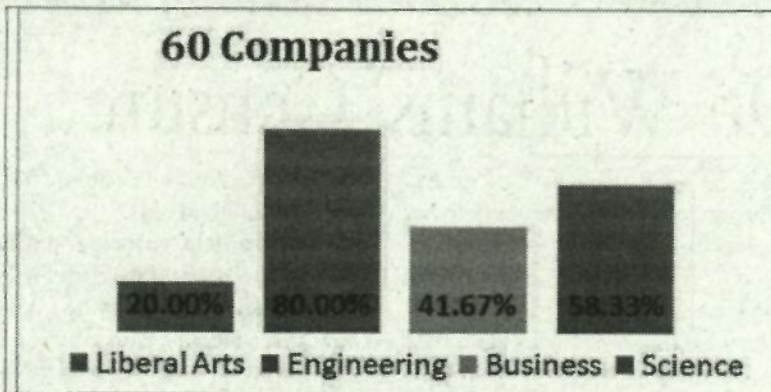
Over the past week, the Office of Career Development has held seminars to make students better aware of proper dress, resume writing, interviewing techniques and career fair behavior. The biannual career fair is designed to match interested students with potential employers to aid in the students' job search.

This semester, the career fair will take place in the University Fitness Center from 9 a.m.-2 p.m. on Feb. 2, 2010. The Spring 2010 UAH Career Fair is open to all UAH students and alumni and features employers from all across the country and in all fields of study. Seniors graduating in the spring should attend to fully explore all after-graduation job opportunities available. Any student seeking experience through an internship or cooperative education opportunity should also attend.

Attendance at a career fair is an important first step in entering the work force. Recruiters will remember their first impression;

See **CAREER** on Pg. 8

Editorial: Career Fair Offers Few Opportunities for Liberal Arts Students



Disclaimer: The 9 companies seeking all majors were disclosed from the graph.

LISA BARBELLA
Managing Editor

Although UAH offers nearly 40 majors in five different colleges, its strength and focus clearly lies in its engineering and science programs. The colleges of nursing and business are also well regarded and encompass some of the most popular majors. This hierarchy of colleges and majors can often leave liberal arts students feeling left in the dust when it comes to financial backing, attention from the administration and career development opportunities and support.

This perceived lack of consideration surfaces each semester at the career fair, at which liberal arts students are hard-pressed to find companies interested in hiring from their majors. Nearly 70 companies will be represented at the spring 2010 Career Fair, which will be held Feb. 3 at the University Fitness Center. Of these 70 companies only 13 are specifically looking to hire liberal arts majors. A few organizations, including the U.S. Navy Officer Programs, the U.S. Air Force, the F.B.I. and the UAH Human Resources Department seek students with any major.

Communication students fare the best among the liberal arts majors. Seven companies are specifically looking for communication majors; five of the seven want students in the technical writing track. Huntsville city schools are hiring elementary, middle school and high school teachers, making education the only other liberal arts major that an organization explicitly requested. The other five companies recruiting students from the college of liberal arts are interested in all liberal arts majors.

Given that the college of liberal arts encompasses half of all the majors offered at UAH, why are so few companies interested in hiring this diversely talented segment of students present at the career fair?

Some liberal arts majors view this as an extension of the general lack of consideration they get at this science- and engineering-oriented school.

"You would think that they would try to get a better balance of different types of companies, considering this is supposed to be a well-rounded university," a sophomore political science major

See OPPORTUNITIES on Pg. 4

Editorial: Card Using Vending Machines Needed

ANNA SHAVERS
Staff Writer

Searching your car for quarters in order to buy a bottle of Sprite. Moving chair cushions to search for dimes and nickels for a bag of Cheez-Its. Digging in your seemingly bottomless purse or wallet for \$1 bills to get Lay's Potato Chips. Any of these situations sound familiar?

In these times, people rarely carry around loose change and cash. It is safer in today's society to carry around plastic cards and paper checks. Someone can easily steal cash, cards and checks. The latter two, however, can be canceled with a simple phone call to your bank.

Because of this, businesses, malls and some universities are getting rid of their old vending machines and replacing them with new vending machines. These new machines accept credit/debit cards so consumers can purchase snacks and drinks without the need to carry around change and cash. This new version of vending machines at universities and colleges are even more convenient as they accept money from campus IDs.

On campus, the bookstore and Charger Brew in the University Center both sell sodas and snacks. For students who are in a hurry to get to class, however, there is not enough time to possibly wait in line for a snack and drink. When students do not have change or

time, they have nothing else to do but go without a drink or snack.

Therefore, I pose the question: what if the vending machines here at UAH used the same method as some businesses, malls and universities? It would not only increase student ease, but also the vending machine company's profit. But where will these new vending machines come from?

Well, the same company that owns the food services on campus also sells vending machines with card usage. While many students are not impressed with Sodexo's food services, the vending machines might actually be a plus. If Sodexo's vending machines were not an option, however, other companies could also provide card-

using vending machines for universities.

So could these card-using vending machines become a possibility for campus? As of right now, it looks as if we will have to continue searching for change in various places hoping to find enough for snacks and drinks.



Photo by: Matt Sayar

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TUTORING

- In Madison Hall 123 (by appointment)
- Online through ANGEL for
Math- 004,107,110,110,112,113,120,171
Chemistry- 101,121,123
- At CCRH (drop-ins) – for Writing and Math (through Cal B)

Contact us at 256.824.3384 or at tutoring@uah.edu

Find us online at www.uah.edu/ssc (Click on Tutoring)

How to Save Money on Textbooks

JULIE RAMHOLD
Staff Writer

There are a lot of things that students dread—projects, papers, quizzes, midterms, finals—but those can be prepared for. Nothing quite prepares students for the sticker shock they experience when they have to purchase four or five brand-new textbooks for the upcoming semester.

Of course, lab manuals have to be purchased either on campus or at the Off-Campus Bookstore. Certain lab manuals can set a student back at least \$60. What makes that even worse is that at the end of the semester, the student cannot get that money back. Some books have to be purchased as a bundle, which is another situation in which the student cannot sell the book back. Foreign language classes in particular often require bundles that can get pretty pricey. One set for a class last semester ran upwards of \$250. For the students who took that class, that was a lot of lost money.

This is a huge problem, especially when paying for college is getting harder and harder. Students have to stretch the financial aid they receive further and further.

There is some good news though. It requires some research, but often students can find their textbooks for much cheaper than what either the UAH or Off-Campus bookstores sell them for. Students should be careful, though, and make sure to factor in shipping before they purchase online.

If shipping would push the cost to within the range of what the on- or off-campus bookstores sell it for, there is really no point in buying from that particular site. Much of the student population has caught onto the fact that amazon.com offers textbooks from various sellers, sometimes at substantially lower rates. For students who have no desire to do any deep research, they can try bigwords.com. The Web site compares various textbook sites and gives users the option to buy from whichever one they choose.

For example, the textbook "Introduction to Genetic Analysis" (9th edition) can be purchased from amazon.com for around \$140.00. The same book can be purchased at dealoz.com for anywhere from \$50.00 to \$167.00, depending on the condition. Half.com offers the book in various conditions. A student could expect to pay around \$68.00 for "Brand New" condition, \$65.00 for "Like New" condition, \$64.00 to \$65.00 for "Very Good" condition, around \$60.00 for "Good," and \$50.00 to \$100.00 for "Acceptable."

The problem with purchasing online is that the student must use similar systems to sell the textbooks when they are done with them. Finding someone to buy is difficult, and deciding what to sell those books for is like playing a guessing game. Students have to decide what a reasonable enough price should be, while not being so reasonable that they as sellers lose a chunk of money.



For textbook rentals, visit Chegg.com

This is where renting textbooks seems to be the ultimate answer. That same genetics book can be rented for a semester at chegg.com for \$45.00. (Chegg.com is also one of those Web sites that offers the renter the chance to ship it back free at the end of the semester.)

Bookswim.com is another renting site. Unlike chegg.com, with bookswim.com users have to pay monthly. The site runs much like Netflix, but for books. Users choose the plan that fits their finances and their membership is billed automatically every month. The cheapest plan is \$9.95 a month for one book, and \$3.99 shipping and handling. Some plans offer free shipping. Obviously there are perks to both sites, but chegg.com definitely seems more student-friendly. Another perk—chegg.com actually plants a tree for every

book that is bought, sold or donated through their site.

If none of those sound appealing, students can always try swaptree.com. Users sign up and fill in their bookshelf with books (or DVDs or CDs or games) that they have. Then swaptree.com shows them what they can trade with other users for what they have. Users do not always have to trade for textbooks either. A copy of "The Human Story" by James Davis is actually eligible to trade for a copy of "The DaVinci Code" by Dan Brown.

When next semester rolls around and students have to load up on those textbooks for class again, they should avoid the crowds and horrible prices, not to mention that nasty sticker shock. Instead, they should check online and see what deals they can find. They can save money if they do it right.

Women's Studies Program Selected to Receive AAUW Campus Action Grant

JESSICA ROBINSON
Staff Writer

The UAH Women's Studies Program was one of 12 programs selected to receive the \$50,000 2009-2010 American Association of University Women Campus Action Project Grant. The grant team and the project advisors, Dr. Nancy Finley, director of women's studies, and Dr. Kathleen Leonard, professor of civil and environmental engineering, submitted the proposal for their project "Strengthening the Chain: Using Women's Social Networks to Encourage Nontraditional Students in Engineering." The project addresses some of the obstacles that women encounter when entering areas in which women are underrepresented, such as physics, engineering and computer science.

The Student Leadership Grant will encourage associations between current students, engineering professionals and women returning to school. According to the project proposal, the project's main objective is "to stimulate recruitment and retention of women in engineering by strengthening supportive links among current students, prospective non-traditional students, and engineering professionals and by widening women's perceptions of engineering's relevance." To meet its objective, the Grant Team has organized four activities that will be implemented this semester, including the following:

"Strengthening the Chain": a series of four luncheon panel discussions for students and professionals to develop intergenerational campus support networks, offer advice and expand understanding of engineering careers. Themes and dates of these discussions are slated for the following days:

- Jan. 26:**
Building intergenerational support networks
- Feb. 16:**
Choices and resources for non-traditional women students
- March 9:**
Innovative and humanitarian applications of engineering
- April 20:**
Women's experiences in engineering, which coincides with National Pay Equity Day.

"Each One Reach One" community networking. This event uses women's existing social networks to spread public resource materials and to invite prospective students to luncheons. Each luncheon participant will bring one

See GRANT on Pg. 8

Now Hiring For the Spring 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
- Staff Photographers
- Advertising Assistants

Interested? Here's how to apply:

Submit your writing sample and/or questions to exponent.editor@gmail.com. Or Visit ChargerPath at: <http://coop-uah-csm.symplicity.com/students> to register and fill out an online application.



UAH Offers Tax Training for College Students

ASHLEY TROMBA
Staff Writer

The Beta Alpha Psi Volunteer Income Tax Assistance program, or VITA, is an IRS tax volunteer program. These trained volunteers assist residents, non-residents and foreign students with filing their taxes. Training has just begun for those interested in becoming volunteers.

This Tax Law Training teaches the basic concepts of income tax laws and how to prepare tax returns on paper. This training does not enable volunteers to give any sort of tax advice but is merely a mechanism of assistance to aid taxpayers in preparing their taxes.

The VITA was originally created to help low-income families, the elderly, non-English speaking people and the disabled with preparing their taxes. Once the training has been completed, volunteers will be certified by the IRS.

Any interested students should contact Beta Alpha Psi or Wesley Belcher at belchew@uah.edu.

National Pan-Hellenic Council Educates on "Greek Etiquette"

DAVID DANIELS
Staff Writer

On Jan. 21, the National Pan-Hellenic Council hosted "Greek 101," an informative program on approaching and showing interest in African-American Greek life at UAH without making yourself look desperate or needy. The program included short skits acted out by the members of the five predominantly African-American fraternities and sororities. The skits illustrated the do's and don'ts of showing interest, which included hints such as

not wearing an organization's colors to the interest meeting, or not approaching a member of an organization assuming that you know you will be selected to join.

Afterwards, attendees enjoyed refreshments, and a showcase of each group's achievements, morals and activities were displayed in an adjacent room.

All in all, the program was entertaining, educational, and fun. Be on the lookout for flyers from the NPHC and any events that the Greeks may be hosting next!



Photos by: David Daniels

From CAREER on Pg. 1

a bad first impression could keep a person from getting a job. Appearances are extremely important, as are good communication skills. Come prepared; all of the employers attending the fair are listed on the Career Services Web site as well as on Charger Path. Students should research each company sending representatives and compile a list of questions for each company. In this way, students can ascertain a general idea of what the company is about and whether or not one would want to seek employment there. Students should come with a stack of resumes to hand out to anyone who will take one. This will at least put a student's name and skills out there and show his or her interest to the employers.

Dress professionally, come

with questions, look patient and interested and do not just take the free stuff and walk away. Instead, walk away with a bag full of opportunities and information for the future. The Office of Career Development has a few more workshops available to students to help prepare for the job fair. All students should feel welcome to come. The dates and subjects of these are:

Jan. 28:
Interviewing-2:30 p.m.

Jan. 29:
Federal Government Opportunities and Resumes-9:00 a.m. BAB 220

Jan. 29:
Career Fair Prep-11:30 a.m. SC103

From OPPORTUNITIES on Pg. 2

stated. "Nobody cares about liberal arts because they don't bring in the money," he went on. "I think if they offer liberal arts degrees, then they should provide for those students as well as they provide for engineers."

Because of the school's research capabilities, the companies that UAH focuses on building relationships with are largely technical in nature. UAH has positioned itself as something of an engineer factory that turns out well-trained—and thanks to UAH's relationships, well-connected—employees for the many technical firms that populate Huntsville. In turn, UAH forms profitable and edifying research partnerships with these companies.

However, beyond the financial return for the university as a whole, the benefits of these relationships do not extend to liberal arts majors. The lack of opportunity for liberal arts majors at the career fair is a palpable reminder of the downfall of working for your bachelor of arts at a science-centered university.

Although attending UAH rather than a strictly liberal arts college puts students at a disadvantage in terms of networking and career development support, not all of liberal arts students' problems finding job opportunities can be blamed on the

university. In an interview with the New York Times President Obama stressed the need to increase the number of students graduating with math, science and particularly engineering degrees. He acknowledged the importance of liberal arts educations but admitted that liberal arts graduates would have a harder time finding a job in this economy. Tangible, measurable, "hard" skills are more marketable in a recession than the more abstract, "soft" skills that are often associated with liberal arts majors.

Additionally, UAH's location makes it a Mecca for engineering majors, which can make non-engineering majors' prospects look even dimmer by comparison.

Students graduating with liberal arts majors have a variety of outside factors working against them, but the university's neglect should not be one of them. Helping liberal arts students develop career paths and placing them in jobs is particularly challenging in this economy and in this city. However, supporting students as they make the difficult transition into the working world is a vital part of a quality university's responsibility. Just because a student's skills and interests lie in rhetorical criticism rather than rocket science doesn't mean his or her talents should be overlooked or disregarded.

Alpha Tau Omega Black and White Party

RAYMOND GILSTRAP
Editor-in-chief

This Friday night, the Theta Pi Chapter of Alpha Tau Omega will hold its second annual Black and White Party. The party begins at 10 p.m., and the fun will continue until 2 a.m. at the ATO house. Formal black or white attire or a combination of the two colors is required. A UAH ID and valid state-issued ID (if you plan to consume adult beverages that you bring and check in) must be presented at the door to get into the party, and best of all, it's free.

Wondering where to get your black and white attire? Some students suggested White House Black Market, Banana Republic, or J. Crew at Bridge Street Towne Centre in Research Park; Charlotte Russe in either Parkway Place Mall or Madison Square Mall; Forever 21 in Parkway Place Mall; New



Photo by: Matt Sayar

York & Company at Bridge Street Towne Centre, Parkway Place Mall or Madison Square Mall; Belks or Dillards.

Be ready to dress to impress when you strut your stuff at the ATO house!

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Memorial Services for Dr. Stephen Szilagy

LISA BARBELLA
Managing Editor

The English department will host a memorial service for Dr. Stephen Szilagy from 4-6 p.m. in Roberts Recital Hall on Jan. 29. Szilagy, who was an associate professor of English at UAH, passed away on Nov. 24, 2009. Dr. Szilagy taught at UAH for 21 years. His students remember him for his sense of humor and his dedication. Friends, students and colleagues will have the opportunity to share memories of Dr. Szilagy during the memorial. Students who wish to attend the service can RSVP via Facebook or contact Dr. Rose Norman in the English department.

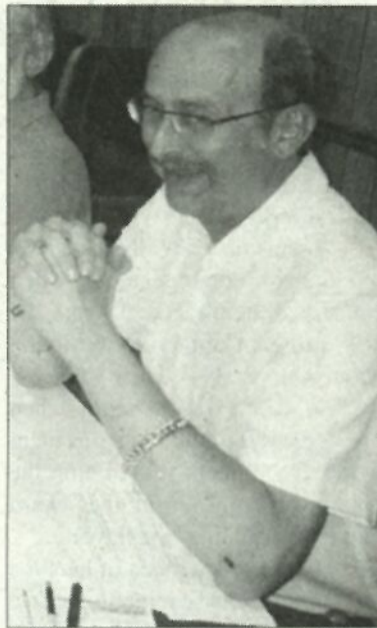


Photo courtesy of UAH English Dept.

From GRANT on Pg. 3

participant to the next to encourage attendance.

Public Resource Materials. CAP participants will produce new digital and print media, offering diverse, relevant and humanitarian views of engineering and practical information for returning students.

STEM Division at "Charged! For a Change" EXPO to be presented by women's studies and other campus organizations. The April EXPO will include booths positioned in the University Center that will represent diverse and socially beneficial applications of STEM disciplines, highlighting their relevance to women.

For more information on these events contact the women's studies resource center at 824-6210.

The Diary of a Fat Person: Grocery Shopping on a Budget

ASHLEY TROMBA
Staff Writer

Now that I have devoted myself to losing weight and exercising regularly this semester, a new problem has arisen.

The average college student lives paycheck to paycheck, barely able to keep a fridge full of groceries and gas in the car. The main reason that college students are so unhealthy is because it's cheap. A box of Ramen, horribly unhealthy, is still extremely cheap and could feed you for a week. A \$5 pizza could be breakfast for several days. A dozen doughnuts could keep you happy for at least a day or two. This is a big problem for college students who have to balance af-

fording healthy food with eating a balanced diet.

I have found a way to have a fridge full of healthy groceries on a small budget. The most important thing is to plan meals before going to the grocery store. Make a list. Choose foods that will last and could make more than two or three meals. Buy a head of lettuce instead of buying a prepackaged salad or a salad kit. This will give you salad for a week of meals rather than one salad for one meal, and it is cheaper. This is a great example of more for less. You could buy a \$3 sandwich from McDonald's, or you could buy a pound of ground turkey and have six sandwiches.

Before going to the grocery store, establish exactly how much

you can spend and what you want to buy. Do not go shopping while hungry; you will end up buying things on an unhealthy or inefficient impulse. I found that if I go to the store with a friend or a significant other to help keep me in check and away from things that I do not need, I have a much more healthy and productive shopping trip.

With trips to an actual grocery store, like Kroger, I feel that healthier eating habits have become more available to me. Becoming organized, making lists and making important decisions beforehand has helped in my weight loss endeavors and can help in yours.

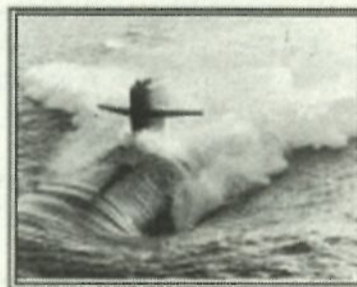
Power Hungry?

Your vision for success is different than most people's. Some might be content with a desk job. You're meant for more. The Navy puts you in charge of cutting-edge technology and advanced systems. If you're into power, there's no better place for you on the planet.

Launch your career before you leave college in the Navy's nuclear program. Future nuclear officers can earn up to **\$150,000 while still in school**. Use it for books, tuition, anything. Have the freedom to **earn your degree**—no uniforms, no drills—and the chance to **graduate debt-free**. You can start up to 30 months before graduation. The world's most adventurous and prestigious nuclear engineering career is waiting for you.

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Event Calendar

Jan. 27

- Arvin Mitchell performs in the UC. This comedian, the former host of BET's Club Comic View, will make you die laughing. 9 p.m. Free.
- College Night Dancing at Partners Bar & Grill.
- Microwave Dave plays at Bandito's Southside.
- Songwriter's Jam at Coffeetree Books & Brew.

Jan. 28

- Drive-By Truckers performs at Crossroads alongside touring opening act American Aquarium. 10 p.m. \$18.
- Slip Jig plays at Finnegan's.
- The Huntsville Botanical Gardens will begin its Dog Days from 9 a.m. until 5 p.m. daily. There will be no-leash areas. For more information, go to www.hsvbg.org or call 256-840-4447.
- The Fiction Writers Group will meet at 7 p.m. at The Coffee Tree Books and Brew in Huntsville. For more information go to <http://www.coffeetreebnb.com> or call 256-880-6464.

Jan. 29

- Neon Grasshopper performs at the Flying Monkey. 9 p.m. \$5.
- There will be a table tennis tournament in SECH from 7-8:30 p.m. Free.
- Cabaret Show at Partners Bar & Grill.
- Toy Shop plays at the Kaffeeklatsch.

Jan. 30

- The weekly Artist Market will be at the Flying Monkey from 12-4 p.m. While you're there, stop at Happy Tummy and grab a quick bite to eat. Free.
- Angel's Island Coffee Shop will have a Poetic Relief Open Mic Night. Open up your mouth—and soul. 8 p.m. Free.
- Kush performs at Crossroads. This fundraiser show benefits the Boys and Girls Club. 9:30 p.m. Free.
- The Hot Rock Hollow Productions 5th Saturday Dinner Concert Series will be at the Flying Monkey Arts Center from 5 p.m.-7 p.m. Admission is \$25. Tickets available online or at the Fret Shop and Kenny Mango's Coffee Shop.
- Peter and the Wolf play at Hopper's.

Jan 31

- Olivia's Bar and Grill will have its karaoke night. 8 p.m. Free. 21+

Feb. 01

- Burritt on the Mountain will have "Why 'Paint the Town' when you can 'Paint the City'?" Come relax and enjoy an evening of fun, conversation and painting as you create your own work of art with good friends and a wonderful view. Classes are taught by artists Mary Gover and Tammy Cooney in the Trillium Room from 6:30 until 9 p.m. The \$35 class fee includes all painting supplies and smocks. Visit paintthecityhsv.com to view upcoming classes or go to www.burritton-themountain.com.

Feb. 2

- The Dance Club presents the best in ballroom dancing every Tuesday night at Roller Time skating rink, beginning at 7:30 p.m. The cost is \$5.
- The Ringling Bros. Barnum & Bailey Circus will run at the Von Braun Civic Center from Feb. 2--Feb. 7. Tickets are on sale for \$16 and up. Tickets are available through the VBC box office, through ticketmaster.com, or by phone at 800-745-3000.

This Week in History

ASHLEY TROMBA
Staff Writer

Every day is significant in its ordinariness as each day holds a plethora of historical events. The end of January marks a week of significant events in the name of science, technology, innovation and progress.

Jan. 27:

- The first American lime kiln becomes operational in Rhode Island in 1662.
- In 1880, Thomas Edison patented the electric incandescent lamp.
- John L. Baird demonstrated television for the first time publicly in London in 1926.
- In 1948, the first tape recorder was sold.
- The first locomotive able to carry one million pounds was operated in 1948.

Jan. 28

- Unbeknownst to Galileo, he was first to view undiscovered Neptune in 1613.
- The first telephone exchange occurred in New Haven, Connecticut in 1878.
- In 1934, the first United States ski tow begins operation at Woodstock, Vermont.
- The space shuttle Challenger 10 explodes in 1986 seventy-three seconds after lifting off the ground.

Jan. 29

- Karl Benz patented the first successful automotive run by gasoline in 1886.
- Emile Grubbe became the first person to use radiation as treatment of breast cancer in 1896.
- In 1924, Carl Taylor patented the ice cream cone rolling machine.
- In 1988, a United Airlines Boeing 747SP circled the world in 36 hours, 54 minutes, and 15 seconds.

Jan. 30

- The bell chimes are invented in 1487.
- Mr. Greathead, the inventor of the lifeboat, first tested the lifeboat at sea in 1790.
- In 1884, the pneumatic hammer was patented.
- Dallas, Texas became the home of the first two-way moving sidewalk in 1958.
- Windows Vista was released by Microsoft in 2007.

Jan. 31

- In 1905 at Daytona Beach, marked the day that an automobile first surpassed one hundred miles per hour.
- The 3-M Company first marketed scotch tape in 1928.
- The first United States glider flight from a dirigible occurred in 1930 in New Jersey.
- In 1948, the magnetic tape recorder was developed.
- The building of the hydrogen bomb was approved by President Truman in 1950.

Feb. 1

- The first United States steamboat was patented by the state of Georgia in 1788.
- In 1884, the first volume of the Oxford English Dictionary was published.
- The first commercial armored car is introduced in 1920.
- The Explorer I, the first United States Satellite, was launched in 1958.
- In 1972, the first hand-held calculator, the HP-35, was introduced and for sale for \$395.

Feb. 2

- Ethyl gasoline is first marketed in Dayton, Ohio in 1923.
- Austria became the first country to utilize rockets for mail delivery in 1931.
- Eight out of the nine planets aligned in 1962 for the first time in four hundred years.
- The GI Joe is debuted to America in 1964.
- In 1995, the United States launched the space shuttle Discovery.

UAH Produces Some of the Nation's Finest Young Scientists

MATT SAYAR
Senior Science & Tech Writer

It is a fact that UAH is one of the best schools in the southeast, and that fact was bolstered by the awards received by two Center for Space Plasma and Aeronomic Research (CSPAR) scientists.

Gang Li and Vladimir Florinski both received the National Science Foundation's "Early Career Award," given sparingly to young assistant professors. The award is given by peers in the science field and comes with a 5 year grant worth half a million dollars. From the official website, the program that gives the awards "offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through

outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations."

"I remember vividly that I was working on computer code when I received the phone call from the NSF program officer notifying me about the Early Career Award," said Dr. Li. "I was so happy when I [received] the call." In a turbulent work environment researching the unknown, Dr. Li said the award makes everything "worthwhile."

Dr. Li spends much of his time researching solar energetic particle events, which is a highly specialized field that deals with high energy particles from the sun bombarding the Earth's atmosphere. The assistant professor believes the practical applications, which

include determining how these particles affect power grids and electronic communication, drew the interest of the National Science Foundation.

Despite the joy of being rewarded for his research, Dr. Li enjoys teaching classes in UAH's physics department. "I love to interact with my students. It feels very good when they learn something from you!"

Gang Li was also awarded an "Outstanding Young Scientist" medal from the International Union of Pure and Applied Mathematics, which is given to only one young scientist worldwide in the field of cosmic ray physics.

As of press time, Dr. Florinski could not be reached for comment.

Many Companies See Government as Blocking Innovation

ASHLEY TROMBA
Staff Writer

For the first time in American history, a federal chief technology officer of the United States has been appointed. President Obama nominated Aneesh Chopra for the position and charged him with the job of promoting technological innovations to help the nation meet its immediate goals, such as lower health care costs or an alternative energy source.

Since this is the first time it has been considered important to do so, this is a very large step for technological and scientific advances. Not only is technology receiving recognition as important, but it is being recognized as important to the economy itself.

Chopra spoke at this year's Consumer Electronic Convention.

He received applause, but also a reprimand, by the companies in attendance. "The government doesn't spur innovation or entrepreneurship," CES President Gary Shapiro said. "The government often gets in the way."

"The government doesn't spur innovation or entrepreneurship."

-CES President Gary Shapiro

The companies at CES have three main problems with the U.S. government and its perceived blockage of innovation. The first issue is that skilled scientists and engineers from other countries find it very hard to gain access to the United States. They felt that

if these skilled, technical people could more easily come to the United States, certain scientific advances could soon be made.

The second issue was President Obama's \$787 billion spending plan. They believed this spending to be an ill-conceived plan, considering the growing federal deficit.

The third issue was a desire for a change in trade policy. A change in trade policy is needed so that American companies can compete with international markets.

The government has made great strides in recognizing the importance of technological innovation and scientific advances. However, according to many companies, with the large bureaucracy standing in the way of these advances, the government has a long way to go.

Students JUMP and LEAP Toward Engineering Degrees

ERIC MORGAN
Staff Writer

The engineering department at UAH has recently introduced the new Joint Undergraduate Masters Program. The program allows students to accelerate their master's degree program by taking graduate courses during their undergraduate years. Students may take up to twelve semester hours of courses, which will be counted towards both master's and bachelor's degrees, usually shaving a year off of the time it typically takes to obtain both degrees.

Additionally, students will not be required to take the Graduate Record Examination and will not have to pay a graduate school application fee. They will also

pay undergraduate tuition for any graduate courses taken during the program.

However, not all students are eligible. To be considered, students must have a 3.5 cumulative GPA and should have the core curriculum completed. If these requirements are met, students can fill out an application with their advisor. The College Dean and Program Chair must approve the application and course selection.

The program would begin at the start of the student's senior year, so juniors are encouraged to apply as soon as possible. There is a six-year time limit that applies to master's programs, which begins at the start of the first graduate course taken, even if it is during a student's undergraduate years.

Applications for the civil and environmental engineering and electrical and computer engineering programs can be found online at the respective Web sites. This program may or may not be accepted at institutions other than UAH.

Another option within the engineering department is the Late Entry Accelerated Program. This program is designed for students who do not have an engineering degree or did not graduate from an Accreditation Board for Engineering and Technology college. The program outlines certain prerequisites required to obtain an engineering degree. For more information, contact Dr. Kathleen Leonard at leonard@cee.uah.edu.

Rocket City Titans Hold Public Tryouts

ERIC MORGAN
Staff Writer

The Rocket City Titans need 40 talented football players. For anyone who is interested, tryouts begin on Jan. 31 at 9:00 a.m. at the D1 Sports Complex on Bailey Cove. There is a \$30 registration fee, and anyone aged 18 or older is encouraged to try out.

The Rocket City Titans are a semi-professional football team located in Huntsville ("Rocket City"), Ala. The team belongs to the Premier South Football League, which is part of a "nationwide net-

work of semi-pro football teams competing on a national stage." The home field of the Rocket City Titans is the Goldsmith Schiffman Field, used also for many high school football games. The PSFL champion will go on to compete in a national championship held in Nebraska.

Billy "Tootie" Hill, a former Mississippi State player, serves as team coach. He has experience coaching high school football at several schools around Huntsville and won a championship at Meridian Middle School in 2000. He has also worked closely with

Paul "Bear" Bryant, former football coach for the University of Alabama's Crimson Tide. In total, coach Hill has more than 40 years of experience coaching and playing football.

Those interested in trying out can fill out a questionnaire form on the Titans' Web site at <http://pfl-football.vicid.net/rocketcitytitans>. Season tickets are also sold on the Web site. Any additional questions should be sent to Mr. Shannon Anderson at shannonrayanderson@gmail.com.

Basketball Teams to Face West Alabama

JONATHAN KEENUM
Staff Writer

The men's and women's basketball teams gear up to face Gulf South Conference rival West Alabama this Saturday night at Spragins Hall. These games will close out the month of January for both squads and lead in to the final month of the regular season before tournament play begins in March.

Each team has eight games left in regular season play. If the teams win, they will head to Southaven,

Miss., for the Gulf South Conference Tournament. The top four teams from the East and West Divisions qualify for the tournament. UAH, West Alabama, West Georgia, North Alabama, West Florida and Valdosta State make up the East Division.

The remaining six conference games will be important for both teams. The men's team looks to advance to the tournament for the sixth straight year, while the women's team hopes to advance for the second time in three years.

Chargers Back Home to Face Rival Niagara

JONATHAN KEENUM
Staff Writer

The UAH hockey team returns home for the first time in over two months on Friday and Saturday nights to take on rival Niagara.

The Chargers opened up the season red-hot as they went 3-1, including a stunning defeat over number five-ranked Notre Dame in Joyce Stadium. Unfortunately, the team started to slide, going 0-8-1 over their next nine games before picking up their fourth win of the season against Robert Morris. UAH currently has a record of 5-13-2 overall and 1-6-1 in conference play.

Six of the Chargers' final 10 games will come against the Niagara Purple Eagles, with the final four games of this matchup away games. UAH looks to finish the season the way they started and catch some momentum before the 2010 College Hockey American Tournament in March. Be sure to come out this weekend to support your UAH hockey team.

Charger Baseball Set to Begin



Ryan McCrory won the 2010 Honorable Mention Preseason All America. Photo credit: UAH Athletics

ERIC MORGAN
Staff Writer

The Chargers baseball team kicks off its season on Feb. 5 with a 4:30 p.m. game played in St. Augustine, Fla., against Flagler College. The Chargers will play four games in St. Augustine before returning to UAH for their first home game against Missouri Western on Feb. 13.

The Chargers had a 29-11 record last season, and 11-6 in the Gulf South Conference.

The team has received several

awards lately.

Recently, the National Collegiate Baseball Writers Association has named first baseman Ryan McCrory the 2010 Honorable Mention Preseason All America. Fans may recall that assistant coach Hunter Royer was named Assistant Coach of the Year by the Alabama Baseball Coaches Association late last year.

The season will end in April, followed by the Gulf South Conference Tournament in Millington, Tenn. on May 1-5. Come out and support the Chargers!

Jan. 30: Engineers' Night

The engineering department will give out T-shirts to the first 100 engineering majors to show up. The shirts read "Just Another BALLIN' UAH Engineer." The halftime show will also be aimed towards engineers. The Chargers play West Alabama, a GSC game, at Spragins Hall. The women play at 5 p.m. and the men at 7 p.m.

Feb. 6: Theme Night, "Lights Out"

Fans are encouraged to wear pajamas to this sleeping-themed game against West Florida. There will also be some giveaways. The women play at 5 p.m. and the men at 7 p.m. in Spragins Hall. This is a GSC match.

Feb. 13: Road Trip to Florence

A bus will transport 56 fans to Florence, Ala., for the game against UNA. At a cost of \$5, students signed up at the tailgate on Jan. 16. Those who weren't able to sign up for the bus in time are encouraged to take their own cars. From Huntsville, it is a one- and a half-hour drive. The games begin at 1 p.m.

Feb. 18: NPHC Night

According to Scroggin, this game will feature some awesome half-time entertainment and more. The Chargers play West Georgia at home. The women begin at 5:30 p.m. and the men at 7:30 p.m.

Feb. 20: Senior Night

The last home game of the season is aimed towards the senior players and fans. Punch cards for the 40-inch flat screen television must be turned in before the game; a winner will be announced at halftime. The Chargers play Valdosta State starting at 5 p.m.



Photos courtesy of UAH Athletics

CHARGER SPORTS SCORES

Men's Basketball Record 14-5 GSC 3-1

January 21
West Georgia
Chargers 56
74

January 23
Valdosta State
Chargers 85
76

Women's Basketball Record 3-14 GSC 0-4

January 21
West Georgia
Chargers 62
38

January 23
Valdosta State
Chargers 61
49

CHARGER SPORTS CALENDAR

Ice Hockey

Record 5-13-2 CHA 1-6-1

Date	Opponent	Site	Time
January 29	Niagara	Home	5:35 p.m.
January 30	Niagara	Home	3:05 p.m.

Men's Basketball

Record 14-5 GSC 3-1

Date	Opponent	Site	Time
January 30	West Alabama	Home	7:00 p.m.

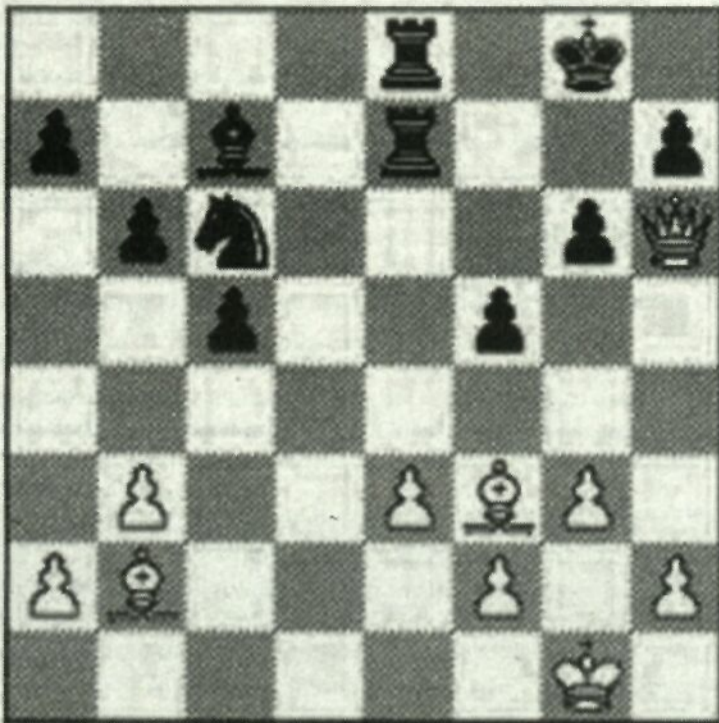
Women's Basketball

Record 3-14 GSC 0-4

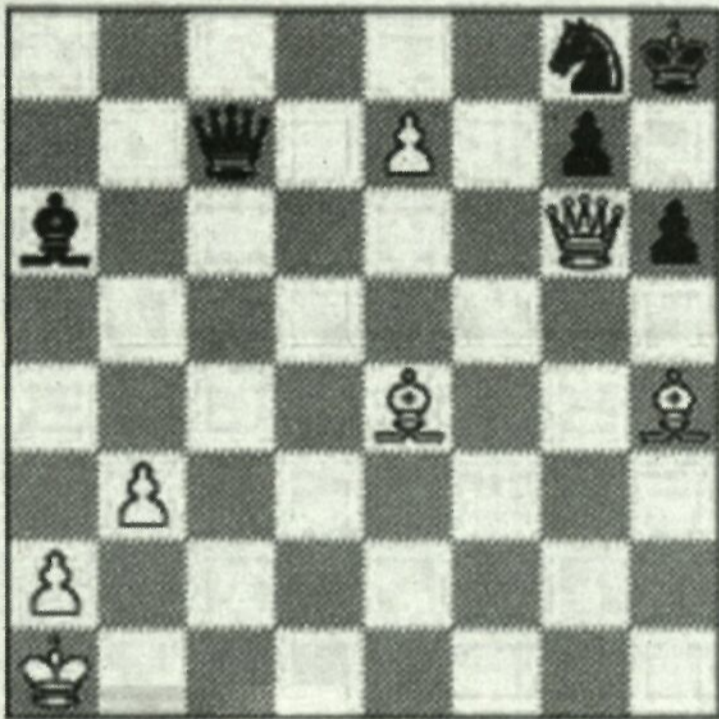
Date	Opponent	Site	Time
January 30	West Alabama	Home	5:00 p.m.

Chess Puzzles

Puzzle 1: White to Mate in Two



Puzzle 2: Black to Play and Win



Puzzles courtesy of the UAH Chess Club. The UAH Chess Club meets every Monday from 6:00-10:00 pm at the Charger Express Cafe in the University Center. All levels are welcome!

Sudoku

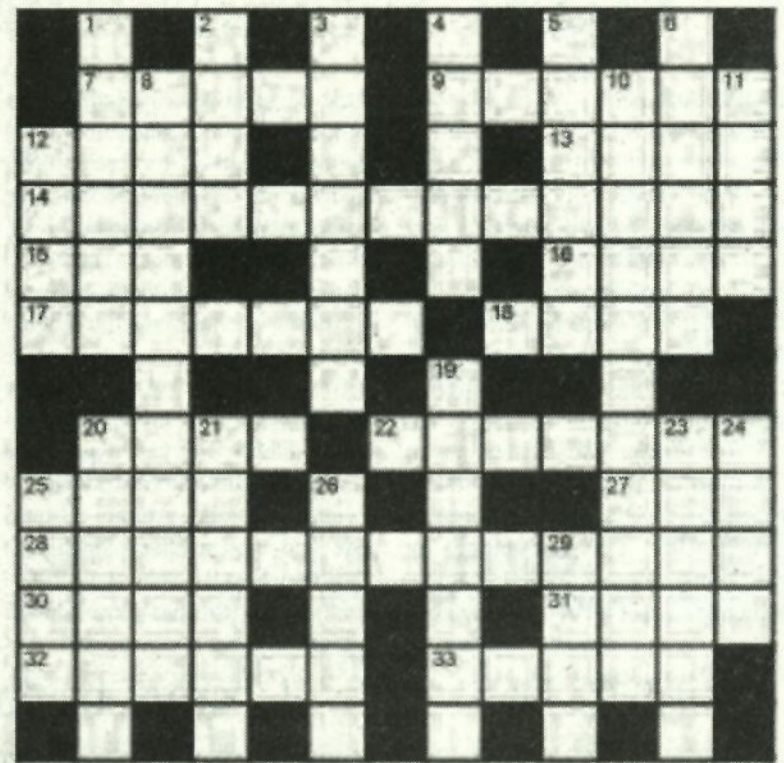
	9							
			2					
1					6	8		
				8				9
	3			9				
8	7				1	6		5
2		8				7	6	
		3			5			9
				8	7			1

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

Crossword

Across

- 7. Spanish Anna
- 9. Inventor of the pneumatic tire
- 12. Smoke combined with fog
- 13. Verdi opera
- 14. Tin whistles
- 15. Upper limb
- 16. Semisolid mass
- 17. Utterable
- 18. Pronoun
- 20. Beat convincingly
- 22. Foot wart
- 25. Front part of the leg
- 27. Burdensome charge
- 28. Small spaniel
- 30. Male given name
- 31. Relaxation
- 32. Large watery sweet fruit
- 33. Female given name



Down

- 1. Photographic device
- 2. Indication
- 3. Narrow walkway
- 4. Freely
- 5. Grab
- 6. Cowboy shows
- 8. Real
- 10. Diminutive
- 11. Gone by
- 12. Health resorts
- 19. One that tempts
- 20. Units
- 21. Unpick
- 23. Roman general
- 24. Wheel shaft
- 25. Swindle
- 26. Quick and active
- 29. Never

Comic



WWW.PHDCOMICS.COM

Solutions to last issue's puzzles:

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

1	B	G	B	R	S	U		
	O	L	I	V	E		U	N
12	S	T	I	R	A	M		O
14	T	A	B	L	E	S	P	O
15	O	N	E		T	R		G
17	P	Y	R	A	M	I	D	P
20	N	A	P	S		K	I	T
25	B	O	R	E		P	A	
28	R	E	I	N	C	A	R	N
30	E	X	A	M		U		I
32	D	I	N	E	R	S		S
	T	N	E	T		D		R

Chess Puzzle: Puzzle 1 - 1. Nxg7+ ...Ke7-2. Nhf5+ ...Rxf5 3. Qe6#